2025 Spring Statistical Report

Dubuque Metropolitan Area Solid Waste Agency

Dubuque Metropolitan Sanitary Landfill

Permit No. 31-SDP-02-75P

Submittal Date: July 7, 2025

DMASWA

DUBUQUE METROPOLITAN AREA

SOLID WASTE AGENCY

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Executive Summary

Groundwater monitoring activities and associated data and statistical analyses were prepared by HDR Engineering, Inc. (HDR), on behalf of the Dubuque Metropolitan Area Solid Waste Agency (DMASWA) Sanitary Landfill (Landfill). These activities were conducted in general accordance with Iowa Administrative Code 567 (IAC) Chapter 113.10, and the additional Iowa Department of Natural Resources (IDNR) requirements specified in the Landfill's solid waste disposal permit number 31-SDP-02-75P, subsequent permit amendments, and the most recently approved Hydrologic Monitoring System Plan (HMSP).

Period of Report Coverage

This Spring Statistical Report includes a summary of services and results for the April 14-15, 2025, semi-annual groundwater compliance monitoring event.

Report Priority

There are currently no requests for modifications to the Landfill's groundwater monitoring network or overall monitoring program.

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Certification

I hereby certify that these engineering documents were prepared by me or under my direct personal supervision and that I am a duly licensed Professional Engineer under the laws of the State of Iowa.

7/7/2025

William Brooks Nicholson Date
Iowa License No. P28180
My license renewal date is December 31, 2026.

Pages or sheets covered by this seal:

All

Certification page (PE or ground water scientist signature) ***113.10(1)"d"***

For the purposes of this rule, a "qualified groundwater scientist" means a scientist or an engineer who has received a baccalaureate or postgraduate degree in the natural sciences or engineering and has sufficient training and experience in groundwater hydrology and related fields demonstrated by state registration, professional certifications, or completion of accredited university programs that enable that individual to make sound professional judgments regarding groundwater monitoring, contaminant fate and transport, and corrective action.

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Acronyms/Abbreviations:

ACM = Assessment of Corrective Measures
AWQR = Annual Water Quality Report
CAMP = Corrective Action Monitoring Plan
CI = Confidence Interval
DMASWA = Dubuque Metropolitan Area Solid Waste Agency
DO = Dissolved Oxygen
DQR = Double Quantification Rule
GWPS = Groundwater Protection Standard
HDR = HDR Engineering, Inc.
HIR = Hydrogeologic Investigation Reports
HMSP = Hydrologic Monitoring System Plan
IAC = Iowa Administrative Code
IDNR = Iowa Department of Natural Resources
LCL = Lower Confidence Limit
LCS = Laboratory Control Sample
LCSD = Laboratory Sample Duplicate
LN = Lognormal
MCL = EPA Maximum Contaminant Level
MDL = Method Detection Limit
MS = Matrix Spike
MSD = Matrix Spike Duplicate
NP = Non-Parametric
ORP = Oxidation Reduction Potential
P = Parametric
UPL = Upper Prediction Limit
RCRA = Resource Conservation and Recovery Act
RL = Reporting Limit
RPD = Relative Percent Difference
SS = IDNR Statewide Standard for a protected groundwater source
SSI = Statistically Significant Increase above background
SSL = Statistically Significant Level above groundwater protection standard
UCL = Upper Confidence Limit

Note this list is a comprehensive list of common acronyms. All acronyms listed above may not have been used in the following report and/or attached tables.

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1 Site Background

The Dubuque Metropolitan Area Solid Waste Agency (DMASWA) Sanitary Landfill (Landfill) is located northwest of U.S. Highway 20 in the southwest portion of the City of Dubuque. The waste disposal area is in the NW ¼ of Section 6, T88N, R2E, Dubuque County, Iowa. A portion of the Landfill property used for cover material and construction-related activities occurs in the adjacent E ½ of Section 1, T88N R1E. Prior to Landfill development, accessible portions of the property were primarily used for agricultural purposes. Wooded and drainage areas in remaining portions of the property appear to be representative of native conditions. A site map depicting the characteristics of the Landfill, and surrounding vicinity, is provided as **Figure 1**.

1.1 Site Status and Applicable Rules

The Landfill provides routine solid waste disposal services for generators in the permitted service area which includes: all cities and unincorporated area in Delaware County; all cities and unincorporated area in Dubuque County; the cities of Edgewood, Guttenberg, North Buena Vista, and Strawberry Point in Clayton County; the city of Zwingle in Jackson County; Grant County, Wisconsin; and Jo Davies County, Illinois.

The Landfill property consists of approximately 214 acres, of which 115 acres are permitted for waste disposal. Landfill development of the 115 acres was initiated in 1976 with the first phase of a planned 5-phase development program. The original operations in Cells 1 and 2 consisted of an area fill method of disposal where small unlined cells were filled in all directions from a given starting point until the entire cell area was completed and the final elevation was reached.

To meet state regulatory requirements, Cells 3 and 4 were designed to have groundwater dewatering, liner, and leachate collection systems. Cell 3 was constructed in 1992-1993 with a 5-foot compacted clay liner. Cell 4 was constructed in 1996 with a composite liner (earth, compacted clay and synthetic liner). Cells 5 and 6 were constructed in 2000 and Cells 7 and 8 were constructed in 2004. Cells 5 through 8 were constructed with prescriptive Resource Conservation and Recovery Act (RCRA) Subtitle D composite liners and leachate systems. The initial phase of Cell 9 was constructed in 2012; Phase II in 2015; Phase III in 2017; and Phase IV in 2019. Current active landfilling operations occur in Cell 9. The final phase of Cell 9 expansion is set to occur late 2025, including a liner overlay above the existing south slope of Cells 1 and 2.

1.2 Site Geology

Historically, several hydrogeologic investigations have been completed at the Landfill, with submission of Hydrogeologic Investigation Reports (HIR) to the Iowa Department of Natural Resources (IDNR). Descriptions of the site's geologic and hydrogeologic setting, referenced herein, were obtained from the HIRs. The Landfill is in the Paleozoic Plateau region of northeastern Iowa. Deep valleys, numerous rock outcroppings, high bluffs and an angular step relief characterize the Paleozoic Plateau's terrain where bedrock is the primary control on topography (Donohue, 1991).

The Landfill is developed on the steeply sloping west and north slopes of the northward extending interfluves (interfluves are ridges and nose slopes that separate drainageways). Fine-grained, wind-blown loess, deposited during the Wisconsin geologic episode, mantles the uplands around the Landfill. The loess was 10-feet-thick or less prior to Landfill construction. It overlies either relatively thin pre-Wisconsin Episode colluvium derived from erosion of the Ordovician-age Maquoketa Formation bedrock or it lies directly on Maquoketa Formation bedrock.

The Quaternary-age sediments (loess, colluvium and alluvium) directly overlie either bedrock-derived colluvium or Ordovician-age bedrock in all drainageways around the Landfill area. The uppermost bedrock in the higher elevations and in the southern part of the Landfill area is the Ordovician-age Maquoketa Formation shale; in the lower elevations and to the north where deeper natural erosion has removed the Maquoketa Formation, the uppermost bedrock is Ordovician-age Galena Group dolomite. The Maquoketa Formation is composed of significant thicknesses of shale and claystone and is a regional aquitard. The Galena Group, composed of limestone and dolomite, is part of a regional aquifer system.

1.3 Site Hydrology

The water-bearing horizon that is the groundwater monitoring unit at the Landfill is the water table within the Quaternary deposits as well as deeper in the uppermost bedrock units. These units include Holocene colluvium and alluvium and the Ordovician Maquoketa shale and Galena dolomite. In uplands, the water table occurs in the Quaternary-age loess and/or pre-Wisconsin Episode colluvium. In the lowlands south and west of the Landfill, the water table is in the Quaternary-age alluvium.

Groundwater is monitored in the uppermost bedrock at the Landfill. In the uplands and the southern portion of the area, groundwater is monitored in the Maquoketa Formation shale, dolomitic shale and claystone which, near the base of the formation, is locally interbedded with dolomite. In the northwestern portions of the area where the Maquoketa Formation is absent because of long-term natural erosion, groundwater is monitored in the Galena Group dolomite.

Groundwater levels are similar in the alluvium and Galena Group, and vertical gradients are lower and primarily horizontal because both the alluvium and Galena Group are relatively permeable and can be considered aquifers. Groundwater flow in the Maquoketa Formation aquitard is primarily downward. Locally, groundwater flow directions in the Galena Group are uncertain because of the well placement, but regional groundwater flow in the Galena Group is southeast toward the Mississippi River; the regional groundwater discharge point. Groundwater at the Landfill flows to the northwest toward an unnamed tributary of South Fork Catfish Creek.

Groundwater elevation contours for the April 2025 monitoring event are depicted on the attached **Figure 2.**

2 Purpose

The purpose of this document is to provide the statistical evaluation of groundwater analytical data collected from the groundwater monitoring network of the DMASWA Landfill during the April 2025 sampling event. This evaluation is required by Iowa Administrative Code (IAC) 567—113.10 and IDNR Solid Waste Disposal Permit No. 31-SDP-02-75P. Groundwater elevations, groundwater purge parameters, and water quality samples were collected as part of semi-annual sampling events on April 14-15, 2025. Groundwater samples were submitted to Eurofins TestAmerica Laboratories, Inc. in Cedar Falls, Iowa, for analysis. The reporting period for this statistical evaluation includes data from the April 14-15, 2025.

2.1 Monitoring Network

The current monitoring network for the DMASWA Landfill is summarized in **Table 1**. The monitoring program of each monitoring point, status of baseline sampling, and sampling performed during this April 2025 sampling event are included in **Table 2**. Semi-annual detection and assessment monitoring were conducted at groundwater monitoring locations as indicated in **Table 1** during the April 2025 sampling event. Groundwater underdrains GU-1 and GU-2 did not have sufficient flow for sampling during this sampling event. Groundwater underdrains GU-1 and GU-2 will continue to be monitored for flow and sampled during each semi-annual sampling event if adequate flow is observed. Field sampling forms from the April 2025 sampling event are provided in **Attachment 1**.

Detection monitoring locations were sampled for the Appendix I constituent list and total suspended solids (TSS). Assessment monitoring locations were sampled for Appendix I and TSS constituents. There are currently no previously detected Appendix II constituents in assessment monitoring locations; therefore, no additional Appendix II constituents were analyzed at monitoring locations.

In accordance with the IDNR comment letter dated September 12, 2017, resampling for the full set of Appendix II constituents for all wells in assessment monitoring will be completed once every five (5) years where at least two (2) such samples have already been collected (IDNR, 2017). The next full Appendix II sampling event is specified for each assessment monitoring well in **Table 2**.

2.2 Sampling Procedures

A water level indicator was used to measure the static water level in each of the monitoring wells prior to purging and sampling. Monitoring wells not sampled as part of the Hydrologic Monitoring System Plan (HMSP) network are measured for the static water level for inclusion in the development of groundwater contours (HDR, 2022). Additionally, liquid levels in the landfill Gas Collection and Containment System (GCCS) wells located in Cells 1 and 2 are measured quarterly; these liquid level elevations are used in development of groundwater contour maps. The static groundwater levels measured in the shallow groundwater monitoring wells and liquid levels measured in the gas wells located in the unlined cells (Cells 1 and 2) were used to calculate the groundwater elevations for the spring sampling event as is shown in the attached

Figure 2 (April 2025 **–** Groundwater Contours). During the April 2025 sampling event, groundwater elevations in the upper-most aquifer ranged from 768.80 (OW-307A) to 931.82 (MW-120AR) feet above mean sea level, and flow direction of west-northwest. This is consistent with historical groundwater flow data and measurements obtained from the HMSP monitoring network.

In addition to measuring depth to groundwater (static water level) during the sampling event, field parameters were measured to verify and document the presence of a stable and representative sample medium prior to collection. A multi-parameter meter (YSI Pro DSS with flow cell) was used to collect geochemical measurements including temperature, conductivity, oxidation-reduction potential, dissolved oxygen, turbidity, and pH of the groundwater purged from the monitoring wells prior to sampling. Geochemical measurements and static water levels collected during the sampling event were recorded on the field sampling forms and are provided in **Attachment 1**.

Groundwater samples were obtained from the following HMSP monitoring wells during the April 2025 sampling event: MW-102A, MW-103A, P-105B, P-108B, MW-108AR, MW-109ARR, MW-114AR, P-114BR, MW-120AR, P-120B, MW-137A, MW-201A, MW-202A, MW-204A, OW-301A, OW-306AR, MW-401A, MW-402A, MW-403A, MW-404A, MW-501A, MW-502A, P-503B, P-504B, MW-505A, MW-604, and MW-605.

Grab samples were collected directly from the discharge pipe at Groundwater Underdrain monitoring location, GU-3, during the April 2025 sampling event as part of semi-annual detection monitoring. Groundwater Underdrains GU-1 and GU-2 did not have sufficient flow for sampling during the April 2025 sampling event. Groundwater Underdrains GU-1 and GU-2 will continue to be monitored for flow and sampled during each semi-annual sampling event if adequate flow is observed.

During the April 2025 sampling event, groundwater samples from MW-102A, MW-103A, P-108B, MW-114AR, P-114BR, MW-120AR, MW-137A, MW-201A, MW-202A, OW-301A, OW-306AR, MW-401A, MW-402A, MW-403A, MW-604, and MW-605 were collected using a Geotech peristaltic pump following stabilization of purge parameters. Groundwater samples from P-105B, MW-108AR, MW-109ARR, P-120B, MW-204A, MW-404A, MW-501A, MW-502A, P-503B, P-504B, and MW-505A were collected using a Geotech bladder pump following stabilization of purge parameters. These locations were sampled with a bladder pump due to the depth to water being greater than the pumping head capacity of a peristaltic pump. The bladder pump was decontaminated with Alconox® (or equivalent) and a distilled or deionized water rinse between each monitoring location. Samples were collected in general accordance with the standard low flow sampling techniques described in the most recently approved HMSP.

3 Data Evaluation and Summary

A preliminary data review is first conducted to provide an assessment on the data variability between monitoring wells, seasonal variability, data trends, and potential outliers for removal. Preliminary data review was conducted using time series, box plots, trend tests, and outlier analysis, as provided in **Attachment 3**. Statistical analyses performed included prediction limits and quasi-statistical "double quantification" rule (DQR) analyses to identify statistically significant increases (SSIs), and confidence interval analysis, as appropriate, to identify concentrations measured at statistically significant levels (SSLs) above the groundwater protection standards (GWPS). The statistical comparisons were completed using Sanitas™ v10.0.15 (Sanitas™ Technologies) software. The combined background data set for monitoring wells MW-120AR, P-120B, P-503B, P-504B, and MW-505A are used to evaluate SSIs over background. Additional information on specific statistical equations used in the Sanitas™ program can be provided under separate cover upon request.

3.1 Detection Monitoring Activities and Evaluation

3.1.1 Shallow and Deep Aquifer Monitoring

The six (6) shallow downgradient monitoring locations included in the April 2025 analysis for the detection monitoring program are: MW-402A, MW-403A, MW-404A, MW-502A, MW-604, and MW-605.

Non-parametric and parametric interwell prediction limits were used to formally assess SSIs over background for Appendix I inorganic constituents that have been detected above the reporting limit (RL) in the combined background data set. Upper Prediction Limits (UPLs) were calculated using sample data collected from November 2014 through the current event, utilizing low-flow sampling procedures, and are summarized in **Table 3**. The DQR method was used to identify SSIs of Appendix I organic constituents. A complete summary of the statistical outputs is included in **Attachment 3**. Data from the most recent sampling event was compared to the UPLs and used in the DQR method for the determination of SSIs.

No well/constituent pairs had detections above the UPLs for inorganic constituents, and no organic constituents were detected above RLs during the April 2025 sampling event.

3.1.2 Groundwater Underdrain Monitoring

The three (3) groundwater underdrains included in the April 2025 analysis for the detection monitoring program are: GU-1, GU-2, and GU-3. As discussed in **Section 2.1**, Groundwater Underdrains GU-1 and GU-2 did not have sufficient flow for sampling; therefore, these two underdrains were not statistically evaluated for the April 2025 sampling event.

Non-parametric and parametric intrawell prediction limits were used to formally assess SSIs over background for Appendix I inorganic constituents that have been detected above the RL in the combined background data set. UPLs were calculated using sample data collected for the entire history of the groundwater underdrain and are summarized in **Table 6**. The DQR method was used to identify SSIs for Appendix I organic constituents. A complete summary of the

statistical outputs is included in **Attachment 3**. Data from the most recent sampling event was compared to the UPLs and used in the DQR method for the determination of SSIs.

Groundwater underdrain GU-3 had no identified SSIs during the April 2025 sampling event. The groundwater underdrains will remain in the detection monitoring program.

3.2 Assessment Monitoring Activities and Evaluation

The thirteen (13) shallow and three (3) deep downgradient monitoring locations included in the analysis for the assessment monitoring program are: MW-102A, MW-103A, MW-108AR, MW-109ARR, MW-114AR, MW-137A, MW-201A, MW-202A, MW-204A, OW-301A, OW-306AR, MW-401A, MW-501A, P-105B, P-108B, and P-114BR. Parametric and non-parametric interwell prediction limits were used to formally assess SSIs over UPLs for Appendix I inorganic constituents. The DQR method was used to identify SSIs of Appendix I organic constituents.

Well/constituent pairs indicated as SSIs over background were further evaluated by comparison to the GWPS through statistical confidence intervals (CIs). No new SSLs above the GWPS were identified for detected SSIs; therefore, all assessment monitoring locations will remain in the assessment monitoring program. UPLs used for comparison to the most recent data collected for the assessment monitoring wells, as well as comparison of statistical CIs to the GWPS, are listed in **Table 4**.

A complete summary of the assessment monitoring statistical outputs is provided in **Attachment 3**. Most assessment monitoring locations have not been below background for two consecutive events for all constituents; therefore, all locations will remain in the assessment monitoring program. Select monitoring locations have been below background for two consecutive events for all constituents but will remain within the assessment monitoring program to remain conservative in evaluation of groundwater.

3.3 Corrective Action Monitoring

The April 2023 sampling event served as the end of the three-year corrective action monitoring program as provided in the approved CA/MP, dated February 2020 and approved July 13, 2020. MW-104A, MW-105A, and MW-203A will be sampled annually for Appendix I and TSS and monitored for trends, starting with the October 2023 sampling event. It is anticipated that annual monitoring of Appendix I and TSS be alternated between spring and fall sampling in order to obtain a seasonality trend. These three monitoring points were sampled during the April 2024 sampling event and again during the September 2024 sampling event. These monitoring locations will be next sampled during the fall 2025 sampling event.

3.3.1 Cobalt & Nickel Exceedances

Cobalt in monitoring locations MW-104A, MW-105A, and MW-203A and nickel in MW-203A were initially detected as SSLs above the GWPS during the April 2017 sampling event. These three monitoring wells were moved into the corrective action monitoring program, and additional delineation wells (MW-601, MW-602, MW-603, MW-604, and MW-605) were installed in

November 2017 to determine the extent of the cobalt and nickel concentrations. Quarterly samples from December 2017 to December 2018, semi-annual samples in 2019, quarterly samples in April 2020, July 2020, October 2020, and January 2021, and semi-annual samples in 2021 were collected and statistically evaluated for cobalt and nickel.

As required by IAC 567—113.10(7), an assessment of corrective measures report was completed for cobalt and nickel for monitoring wells MW-104A, MW-105A, and MW-203A and was submitted to IDNR in March 2019. A Corrective Action Monitoring Plan (CAMP) was submitted to IDNR on February 24, 2020. In response to the June 25, 2020, IDNR correspondence letter, the CAMP was revised and resubmitted on July 13, 2020, along with landfill gas composition analysis, as requested by IDNR. As stated in the June 24, 2021, letter from IDNR, downgradient monitoring points MW-104A, MW-105A, and MW-203A were replaced in the HMSP with attenuation zone compliance points MW-604 and MW-605.

With the completion of the three-year corrective action monitoring program, monitoring wells MW-104A, MW-105A, and MW-203A are now sampled annually for Appendix I constituents and TSS. Surface water (SW-1 through SW-4) and delineation wells (MW-601 through MW-603) will no longer be sampled. Geochemical performance parameters (GPPs) were monitored at corrective action and attenuation zone compliance points (results of the GPPs are provided in previous Annual Water Quality Reports [AWQRs]). All sampling results associated with GPPs and landfill gas composition information associated with the CAMP will no longer be provided on an annual basis.

3.3.2 Trend Analysis

Monitoring locations MW-104A, MW-105A, and MW-203A are monitored annually for trend analysis for Appendix I parameters. September 2024 was the most recent annual sampling event. Trend analysis will continue to be conducted on an annual basis to evaluate seasonal fluctuations and trends within these internal monitoring locations. The next anticipated sampling event is set to occur in fall 2025.

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4 Quality Assurance/Quality Control

The quality assurance/quality control (QA/QC) protocols for each sampling event include proper sample containers, proper field protocols, and laboratory protocols. The April 2025 sampling event consisted of the following:

April 2025

- 3 – Duplicates
- 1 – Equipment Blank
- 3 – Trip Blanks

Eurofins Environmental Testing North Central, LLC, in Cedar Falls, Iowa is responsible for providing QA/QC of laboratory protocols; this documentation is included in the April 2025 laboratory reports provided in **Attachment 2**. The laboratory QA/QC protocols and documentation were reviewed by HDR. For the April 2025 semi-annual monitoring event the laboratory sample receipt checklists indicated all samples were received within holding times, within acceptable temperatures, and sample containers were not broken or leaking.

4.1 Laboratory Qualifiers

The following qualifiers were noted for some parameters in the April 2025 sampling report:

- B – Compound was found in blank and sample.
- J – Result is less than the RL but greater than or equal to the method detection limit (MDL) and the concentration is an approximate value.

All results were noted by the laboratory as not triggering corrective action or requiring re-analysis.

4.2 Equipment & Trip Blanks

One detection above the laboratory reporting limit of monitored constituents within the equipment blank (EQ-1) for the April 2025 sampling event was observed for:

- Total Suspended Solids

Decontamination practices will continue to be conducted to limit cross contamination possibilities.

There were no detections above laboratory reporting limits of monitored constituents within the three (3) trip blanks (TB-1, TB-2 & TB-3) during the April 2025 sampling event.

4.3 Field Duplicates

During the April 2025 semi-annual sampling event, field duplicate sample one (DUP-1) was obtained from monitoring location MW-404A, field duplicate sample two (DUP-2) was obtained from monitoring location MW-102A, field duplicate sample three (DUP-3) was obtained from monitoring location MW-108AR.

Field duplicate samples were analyzed to determine the relative percent difference (RPD) between the original (parent) sample and the duplicate sample. RPD values are only calculated for constituents detected above the laboratory RL for both the parent and duplicate sample. According to *Practical Guide for Ground-Water Sampling*: “Duplicate sample values which differ by less than ±50% relative difference indicates good error control.” (Barcelona et al, 1985). **Table 7** presents the parent/duplicate sample results along with the calculated RPD values for the April 2025 semi-annual sampling event. Each RPD value is below the recommended RPD of 50% for the April 2025 semi-annual sampling event.

Results of the quality assurance/quality control samples did not trigger corrective measures such as resampling or laboratory re-analysis.

5 Conclusion

5.1 Detection Monitoring

For the detection monitoring program, no SSIs were identified for the monitoring locations during the April 2025 sampling event.

Semi-annual detection monitoring for the Appendix I constituents will be continued during the fall 2025 sampling event for the detection monitoring locations.

5.2 Assessment Monitoring

For the assessment monitoring program, inorganic compound prediction limit exceedances (i.e., SSIs) were identified during the most recent sampling event for arsenic and lead in multiple assessment monitoring locations. The exceedances were further evaluated for SSLs using CIs. No new SSLs above the GWPS were identified.

No organic compounds were detected above the laboratory RL. This is the first event below the RL for 1,1-dichloroethane at MW-201A; therefore, the well/constituent pair was analyzed for SSLs using CIs. No new SSLs above the GWPS were identified. If 1,1-dichloroethane at MW-201A is below the RL during the fall 2025 sampling event, this will serve as verification of no SSI.

5.3 Corrective Action

The April 2023 sampling event served as the end of the three-year corrective action monitoring program as provided in the approved CAMP, dated February 2020 and approved July 13, 2020. MW-104A, MW-105A, and MW-203A will only be sampled annually for Appendix I parameters and TSS and monitored for trends. Groundwater samples were not collected from monitoring wells MW-104A, MW-105A, and MW-203A during the April 2025 semi-annual sampling event. The next annual sampling event for monitoring wells MW-104A, MW-105A, and MW-203A will be conducted in fall 2025. Since groundwater samples were not collected during the April 2025 sampling event, trend analysis was not conducted for constituents at monitoring wells MW-104A, MW-105A, and MW-203A.

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6 Recommendations

Based on the groundwater sample analytical results, statistical analyses performed on the groundwater data and leachate monitoring, the following actions are recommended:

1. Continue collecting water level measurements on a semi-annual basis at all HMSP approved monitoring locations.
2. TSS monitoring should remain at all HMSP approved monitoring locations during semi-annual sampling events and any resampling events where inorganics are analyzed.
3. MW-104A, MW-105A, and MW-203A should remain in the HMSP as supplemental internal monitoring points to track trend analysis and will not be used in comparison to background concentrations or GWPS per 567 IAC 113.10(5) or (6).
4. MW-604 and MW-605 should remain as replacement point of compliance monitoring points for MW-104A, MW-105A, and MW-203A within the HMSP and are currently in the detection monitoring program.
5. Leachate level measurements should continue to be monitored in Cell 3 through Cell 9 on a monthly basis.
6. Groundwater separation measurements should continue to be collected from Cell 9 on a semi-annual basis, at a minimum.
7. Methane migration monitoring should continue to be conducted on a quarterly basis.

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7 References

Donohue & Associates (Donohue). March 1991. *Hydrogeologic Investigation Report*, Dubuque Sanitary Landfill.

HDR, 2022. *Hydrologic Monitoring System Plan.* Dubuque Metropolitan Area Solid Waste Agency. June 22, 2022.

IDNR, 2017. *IDNR Correspondence regarding Appendix II Sampling.* Dubuque Metropolitan Area Solid Waste Agency.

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Figures

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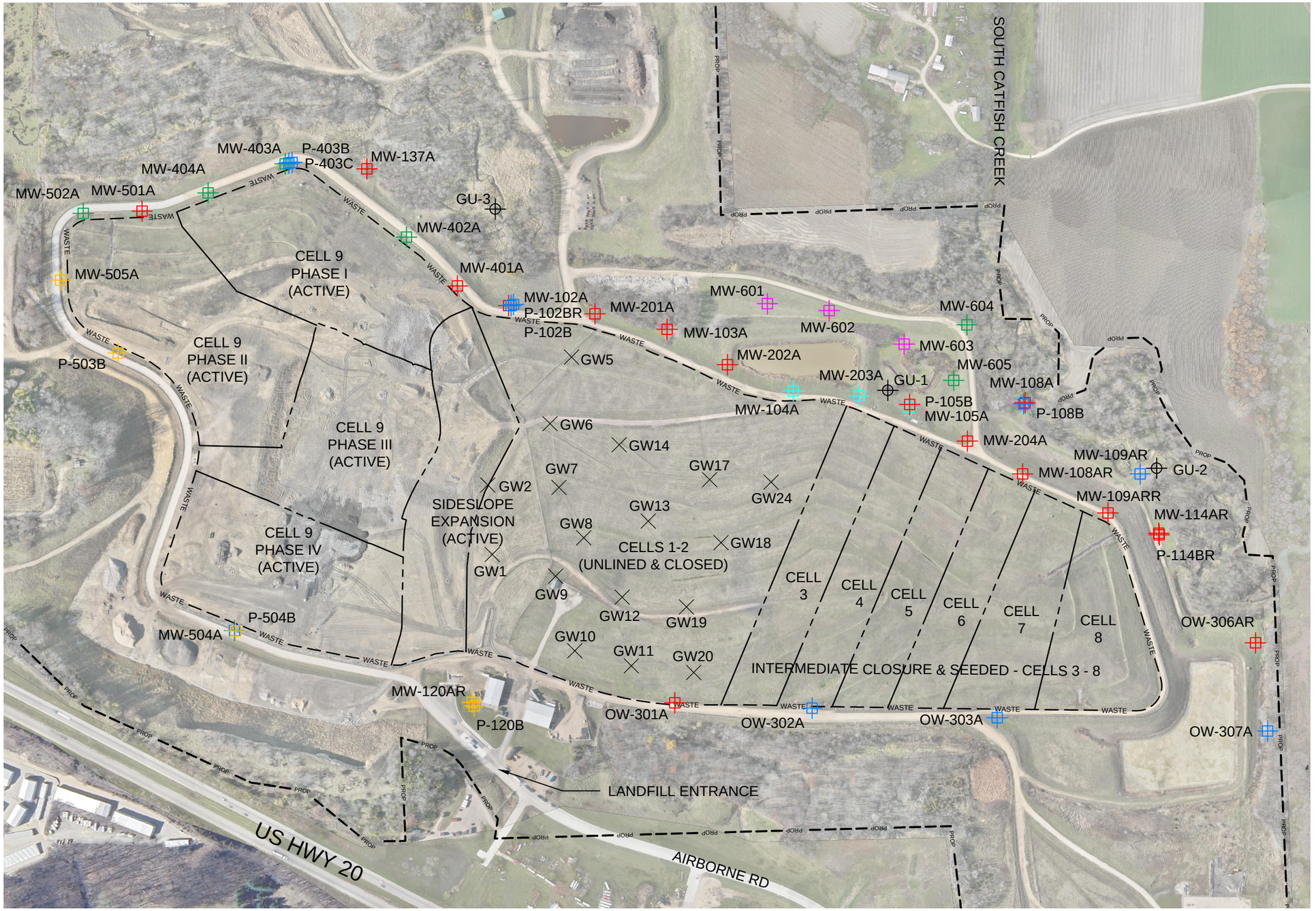

N

400 0 400

SCALE IN FEET

LEGEND:

- ASSESSMENT WELL
- BACKGROUND WELL
- DETECTION WELL
- TREND ANALYSIS WELL
- WELL - WATER LEVEL ONLY
- DELINEATION WELL
- GROUNDWATER UNDERDRAIN
- LFG EXTRACTION WELL
- PROPERTY LINE
- EDGE OF WASTE
- CELL BOUNDARY

NOTE:

1. AERIAL OBTAINED FROM FOTH ENGINEERING DATED NOVEMBER 7, 2024.

DMASWA
DUBUQUE METROPOLITAN AREA
SOLID WASTE AGENCY

HDR

Dubuque Metropolitan Area Solid Waste Agency
SITE MAP

2025 SPRING STATISTICAL REPORT

DATE
JUNE 2025

FIGURE
1

C:\pwworking\central01\d5166498\Figure 1 - Spring 2025 Site Map.dwg, Plot, 6/12/2025 8:19:49 AM, WNICHOLSON

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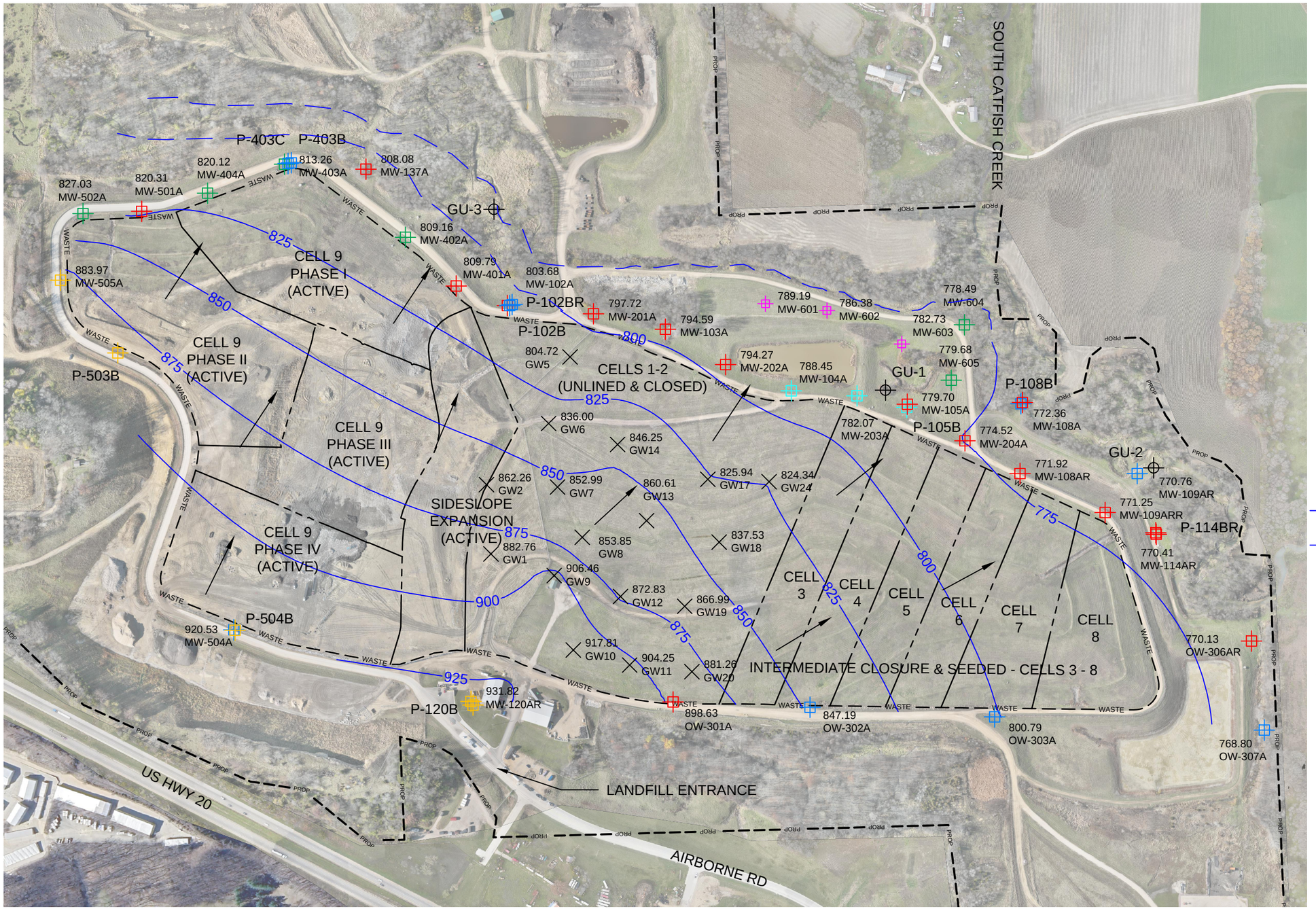

N

400 0 400

SCALE IN FEET

LEGEND:

- ASSESSMENT WELL
- BACKGROUND WELL
- DETECTION WELL
- TREND ANALYSIS WELL
- WELL - WATER LEVEL ONLY
- DELINEATION WELL
- GROUNDWATER UNDERDRAIN
- LFG EXTRACTION WELL
- GROUNDWATER CONTOUR
- INFERRED GROUNDWATER CONTOUR
- FLOW DIRECTION

NOTE:

1. AERIAL OBTAINED FROM FOTH ENGINEERING DATED NOVEMBER 7, 2024.
2. GROUNDWATER CONTOURS SHOWN ARE BASED OFF OF GROUNDWATER ELEVATIONS TAKEN DURING SAMPLING BY HDR DURING THE 2025 SPRING SAMPLING EVENT. GAS WELL LEACHATE ELEVATION DATA FROM THE UNLINED CELLS 1 AND 2 WAS TAKEN FROM MARCH 2025 COLLECTION.

DMASWA
DUBUQUE METROPOLITAN AREA
SOLID WASTE AGENCY

HDR

Dubuque Metropolitan Area Solid Waste Agency
April 2025 - Groundwater Contours

2025 SPRING STATISTICAL REPORT

DATE
JUNE 2025

FIGURE
2

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Tables

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Table 1
Monitoring Program Summary
2025 Spring Statistical Report
Dubuque Metropolitan Area Sanitary Landfill
Permit No. 31-SDP-02-75P

Monitoring Well	Formation	Current Monitoring Program	Change for next sampling event	Constituents w/ SSI*	Constituents w/ SSL	Total # of Samples in each monitoring program			
						Detection	Assessment	Corrective Action	Trend Analysis
Monitoring Wells - Background									
MW-120AR	Maquoketa Formation - Lean Clay, very hard	Background	NC	None	None	42	-	-	-
MW-505A	Ordovician, Maquoketa Formation - Shale, fissile	Background	NC	None	None	17	-	-	-
P-120B	Ordovician, Maquoketa Formation - Shale, fissile	Background	NC	None	None	41	-	-	-
P-503B	Ordovician, Maquoketa Formation - Shale, fissile	Background	NC	None	None	20	-	-	-
P-504B	Ordovician, Maquoketa Formation - Shale with Dolomite	Background	NC	None	None	17	-	-	-
HMSP Monitoring Wells - Shallow Aquifer									
MW-102A	Maquoketa Formation - Shale, black, fractured	Assessment	NC	Arsenic	None	15	25	-	-
MW-103A	Maquoketa Formation - Siltstone w/interbedded Shale	Assessment	NC	None	None	20	22	-	-
MW-104A	Maquoketa Formation - Shale and Siltstone, less fractured	Trend Analysis	NC	N/A	N/A	9	16	12	2
MW-105A	Hill-slope Colluvium to Weathered Maquoketa Shale	Trend Analysis	NC	N/A	N/A	15	10	12	2
MW-108AR	Deforest Formation - Alluvium - Lean Clay	Assessment	NC	Lead	None	4	22	-	-
MW-109ARR	Deforest Formation - Alluvium - Lean Clay	Assessment	NC	None	None	6	24	-	-
MW-114AR	Alluvium - Lean Clay to Silty Gravel with Sand, soft	Assessment	NC	None	None	15	24	-	-
MW-137A	Terrace Deposits/Lean Clay/Maquoketa Shale	Assessment	NC	None	None	20	10	-	-
MW-201A	Deforest Formation - Lean Clay to Maquoketa Shale	Assessment	NC	1,1-DCA	None	3	28	-	-
MW-202A	Quaternary Fill/Deforest Formation - Lean Clay, medium	Assessment	NC	None	None	5	26	-	-
MW-203A	Deforest Formation, undifferentiated - Lean Clay, stiff	Trend Analysis	NC	N/A	N/A	3	14	12	2
MW-204A	Deforest Formation, undifferentiated - Lean Clay, medium	Assessment	NC	None	None	5	26	-	-
OW-301A	Quaternary Fill - Lean Clay, medium to very stiff	Assessment	NC	None	None	2	26	-	-
OW-306AR	Wisconsin Colluvium - Lean Clay w/Sand to Clayey Gravel	Assessment	NC	None	None	0	16	-	-
MW-401A	Hill-slope Colluvium to Shale - Lean Clay/thinly bedded Shale	Assessment	NC	None	None	20	11	-	-
MW-402A	Hill-slope Colluvium to Weathered Maquoketa Shale	Detection	NC	None	None	29	-	-	-
MW-403A	Hill-slope Colluvium to Re-sedimented Shale	Detection	NC	None	None	29	-	-	-
MW-404A	Weathered Maquoketa Shale - Lean Clay to Shale	Detection	NC	None	None	29	-	-	-
MW-501A	Ordovician, Maquoketa Formation - Shale, fissile	Assessment	NC	None	None	14	7	-	-
MW-502A	Ordovician, Maquoketa Formation - Shale, fissile	Detection	NC	None	None	20	-	-	-
MW-604[1]	Alluvium - Lean Clay to Sandy Lean Clay, underlain by shale, weathered	Detection	NC	None	None	20	-	-	-
MW-605[1]	Alluvium - Sandy Lean Clay to Sandy Clay with Gravel, underlain by shale	Detection	NC	None	None	20	-	-	-
HMSP Monitoring Wells - Deep Aquifer									
P-105B	Galena Formation - Dolomite, gray	Assessment	NC	None	None	15	25	-	-
P-108B	Galena Formation - Dolomite, gray, moderately fractured	Assessment	NC	None	None	9	31	-	-
P-114BR	Galena Formation - Dolomite, fractured	Assessment	NC	None	None	15	25	-	-
Monitoring Points - Groundwater Underdrains									
GU-1	Underdrain System	Detection	NC	Zinc[2]	N/A	17	-	-	-
GU-2	Underdrain System	Detection	NC	None	N/A	20	-	-	-
GU-3	Underdrain System	Detection	NC	None	N/A	23	-	-	-
Monitoring Points - Surface Water									
SW-1	Surface Water	Delineation	NC	N/A	N/A	8	-	-	-
SW-2	Surface Water	Delineation	NC	N/A	N/A	8	-	-	-
SW-3	Surface Water	Delineation	NC	N/A	N/A	8	-	-	-
SW-4	Surface Water	Delineation	NC	N/A	N/A	8	-	-	-
Monitoring Points - Delineation Wells [1]									
MW-601	Alluvium - Lean Clay to Silty Gravel with Sand, underlain by shale, weathered	Delineation	NC	N/A	N/A	15	-	-	-
MW-602	Alluvium - Sandy Lean Clay to Silty Gravel with Sand, underlain by shale, weathered	Delineation	NC	N/A	N/A	15	-	-	-
MW-603	Alluvium - Lean to Fat Clay with gravel to Clayey Gravel, underlain by shale	Delineation	NC	N/A	N/A	15	-	-	-

Notes:

[1] Delineation wells (MW-601, MW-602, and MW-603) were installed in November 2017 to determine the extent of the cobalt and nickel concentrations. Following the October 2020 sampling event, MW-604 and MW-605 were included within the Hydrologic Monitoring System Program.

[2] Groundwater Underdrain GU-1 had an exceedance of Upper Prediction Limit (UPL) detected for zinc and Groundwater Underdrain GU-2 had an UPL for both lead and zinc detected following the spring 2022 sampling event. A verification sampling event was conducted on May 26, 2022 for GU-2 where both lead and zinc were observed below the UPL; therefore, GU-2 will remain in the detection monitoring program. Flow at GU-1 and GU-2 was not sufficient for sampling during the 2022, 2023, 2024, and spring 2025 sampling events. GU-1 and GU-2 have historically exhibited low-flow fluctuations. GU-1 and GU-2 will be monitored for sufficient flow and will be sampled upon identification of sufficient flow. Further evaluation will be conducted and communicated to IDNR following laboratory analysis.

NC = No Change

*Reference Table 3, Table 4, and Table 5 for clarification of each SSI.

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Table 2
Monitoring Program Implementation Schedule
2025 Spring Statistical Report
Dubuque Metropolitan Area Sanitary Landfill
Permit No. 31-SDP-02-75P

Monitoring Well	Recent Sampling Dates and Constituents					Upcoming Sampling Dates and Constituents		Full Appendix II Sample Dates	
	October 2023	April 2024	September 2024	February 2025	April 2025	October 2025	March 2026	Previously Collected	Next Event
Monitoring Wells - Background (Shallow Aquifer)									
MW-120AR	Appendix I, TSS	Appendix I, TSS	Appendix I, TSS		Appendix I, TSS	Appendix I, TSS	Appendix I, TSS	N/A Background Well	N/A - Background Well
MW-505A	Appendix I, TSS	Appendix I, TSS	Appendix I, TSS		Appendix I, TSS	Appendix I, TSS	Appendix I, TSS	N/A - Background Well	N/A - Background Well
P-120B	Appendix I, TSS	Appendix I, TSS	Appendix I, TSS		Appendix I, TSS	Appendix I, TSS	Appendix I, TSS	11/14/2016 (no detections)	N/A - Background Well
P-503B	DRY	Appendix I, TSS	Appendix I, TSS		Appendix I, TSS	Appendix I, TSS	Appendix I, TSS	N/A - Background Well	N/A - Background Well
P-504B	Appendix I, TSS	Appendix I, TSS	Appendix I, TSS		Appendix I, TSS	Appendix I, TSS	Appendix I, TSS	N/A - Background Well	N/A - Background Well
HMSP Monitoring Wells - Shallow Aquifer									
MW-102A	Appendix I, TSS	Appendix I, TSS	Appendix I, TSS		Appendix I, TSS	Full Appendix II, TSS	Appendix I + Appendix II Detects, TSS	5/9/2013, 5/28/2014, 11/3/2015, 10/21/2020	Fall 2025
MW-103A	Appendix I, TSS	Appendix I, TSS	Appendix I, TSS		Appendix I, TSS	Appendix I, TSS	Appendix I, TSS	8/26/2013, 5/16/2014, 11/5/2015, 4/12/2022	Spring 2027
MW-104A	N/A - Sampled Annually	Appendix I, TSS	Cobalt, Nickel, TSS		N/A - Sampled Annually	Appendix I, TSS	Appendix I, TSS	4/16/2009, 4/19/2010, 5/29/2014, 12/1/2015, 10/21/2020	N/A - Trend Only
MW-105A	N/A - Sampled Annually	Appendix I, TSS	Cobalt, Nickel, TSS		N/A - Sampled Annually	Appendix I, TSS	Appendix I, TSS	5/8/2013, 5/20/2014, 11/4/2015, 10/20/2020	N/A - Trend Only
MW-108AR	DRY	Appendix I, TSS	Appendix I, TSS		Appendix I, TSS	Full Appendix II, TSS	Appendix I + Appendix II Detects, TSS	5/9/2013, 5/14/2014, 12/1/2015, 10/20/2020	Fall 2025
MW-109ARR	Appendix I, TSS	Appendix I, TSS	Appendix I, TSS		Appendix I, TSS	Full Appendix II, TSS	Appendix I + Appendix II Detects, TSS	5/9/2013, 5/14/2014, 12/2/2015, 10/20/2020	Fall 2025
MW-114AR	Appendix I, TSS	Appendix I, TSS	Appendix I, TSS		Appendix I, TSS	Full Appendix II, TSS	Appendix I + Appendix II Detects, TSS	5/8/2013, 5/27/2014, 11/2/2015, 10/20/2020	Fall 2025
MW-137A	Appendix I, TSS	Appendix I, TSS	Appendix I, TSS		Appendix I, TSS	Appendix I, TSS	Appendix I, TSS	6/10/2021, 10/11/2022	Fall 2027
MW-201A	Appendix I, TSS	Appendix I, TSS	Appendix I, TSS		Appendix I, TSS	Full Appendix II, TSS	Appendix I + Appendix II Detects, TSS	6/25/2012, 5/8/2013, 11/2/2015, 10/20/2020	Fall 2025
MW-202A	Appendix I, TSS	Appendix I, TSS	Appendix I, TSS		Appendix I, TSS	Full Appendix II, TSS	Appendix I + Appendix II Detects, TSS	5/8/2013, 5/16/2014, 11/6/2015, 10/20/2020	Fall 2025
MW-203A	N/A - Sampled Annually	Appendix I, TSS	Cobalt, Nickel, TSS		N/A - Sampled Annually	Appendix I, TSS	Appendix I, TSS	6/25/2012, 5/8/2013, 11/3/2015, 10/20/2020	N/A - Trend Only
MW-204A	Appendix I, TSS	Appendix I, TSS	Appendix I, TSS		Appendix I, TSS	Full Appendix II, TSS	Appendix I + Appendix II Detects, TSS	5/8/2013, 5/14/2014, 12/2/2015, 10/20/2020	Fall 2025
OW-301A	Appendix I, TSS	Appendix I, TSS	Appendix I, TSS		Appendix I, TSS	Full Appendix II, TSS	Appendix I + Appendix II Detects, TSS	8/29/2012, 11/18/2013, 11/5/2015, 10/19/2020	Fall 2025
OW-306AR	Appendix I, TSS	Full Appendix II, TSS	Appendix I, TSS		Appendix I, TSS	Appendix I, TSS	Appendix I, TSS	10/11/2018, 1/16/19, 4/10/2024	Spring 2029
MW-401A	Appendix I, TSS	Appendix I, TSS	Appendix I, TSS		Appendix I, TSS	Appendix I, TSS	Appendix I, TSS	7/13/2020, 10/11/2022	Fall 2027
MW-402A	Appendix I, TSS	Appendix I, TSS	Appendix I, TSS	Toluene	Appendix I, TSS	Appendix I, TSS	Appendix I, TSS	N/A - Detection Well	N/A - Detection Well
MW-403A	Appendix I, TSS	Appendix I, TSS	Appendix I, TSS	Benzene; Toluene	Appendix I, TSS	Appendix I, TSS	Appendix I, TSS	N/A - Detection Well	N/A - Detection Well
MW-404A	Appendix I, TSS	Appendix I, TSS	Appendix I, TSS		Appendix I, TSS	Appendix I, TSS	Appendix I, TSS	N/A - Detection Well	N/A - Detection Well
MW-501A	Appendix I, TSS	Appendix I, TSS	Appendix I, TSS		Appendix I, TSS	Appendix I, TSS	Appendix I, TSS	4/11/2022, 10/10/2022	Fall 2027
MW-502A	Appendix I, TSS	Appendix I, TSS	Appendix I, TSS		Appendix I, TSS	Appendix I, TSS	Appendix I, TSS	N/A - Detection Well	N/A - Detection Well
MW-604	Appendix I, TSS	Appendix I, TSS	Appendix I, TSS		Appendix I, TSS	Appendix I, TSS	Appendix I, TSS	N/A - Delineation Wells	N/A - Delineation Wells
MW-605	Appendix I, TSS	Appendix I, TSS	Appendix I, TSS		Appendix I, TSS	Appendix I, TSS	Appendix I, TSS	N/A - Delineation Wells	N/A - Delineation Wells
HMSP Monitoring Wells - Deep Aquifer									
P-105B	Appendix I, TSS	Appendix I, TSS	Appendix I, TSS		Appendix I, TSS	Full Appendix II, TSS	Appendix I + Appendix II Detects, TSS	5/8/2013, 5/20/2014, 11/4/2015, 10/19/2020	Fall 2025
P-108B	Appendix I, TSS	Appendix I, TSS	Appendix I, TSS		Appendix I, TSS	Full Appendix II, TSS	Appendix I + Appendix II Detects, TSS	7/20/2009, 4/20/2010, 12/8/2014, 10/29/2015, 10/20/2020	Fall 2025
P-114BR	Appendix I, TSS	Appendix I, TSS	Appendix I, TSS		Appendix I, TSS	Full Appendix II, TSS	Appendix I + Appendix II Detects, TSS	5/8/2013, 5/28/2014, 10/29/2015, 10/19/2020	Fall 2025

Table 2
Monitoring Program Implementation Schedule
2025 Spring Statistical Report
Dubuque Metropolitan Area Sanitary Landfill
Permit No. 31-SDP-02-75P

Monitoring Well	Recent Sampling Dates and Constituents					Upcoming Sampling Dates and Constituents		Full Appendix II Sample Dates	
	October 2023	April 2024	September 2024	February 2025	April 2025	October 2025	March 2026	Previously Collected	Next Event
Monitoring Points - Underdrain									
GU-1	DRY	DRY	DRY		DRY	Appendix I, TSS	Appendix I, TSS	N/A - Detection Well	N/A - Detection Well
GU-2	DRY	DRY	DRY		DRY	Appendix I, TSS	Appendix I, TSS	N/A - Detection Well	N/A - Detection Well
GU-3	Appendix I, TSS	Appendix I, TSS	Appendix I, TSS		Appendix I, TSS	Appendix I, TSS	Appendix I, TSS	N/A - Detection Well	N/A - Detection Well
Monitoring Points - Delineation Wells									
MW-601	N/A - Not Sampled	N/A - Not Sampled	N/A - Not Sampled		N/A - Not Sampled	N/A - Not Sampled	N/A - Not Sampled	N/A - Delineation Wells	N/A - Delineation Wells
MW-602	N/A - Not Sampled	N/A - Not Sampled	N/A - Not Sampled		N/A - Not Sampled	N/A - Not Sampled	N/A - Not Sampled	N/A - Delineation Wells	N/A - Delineation Wells
MW-603	N/A - Not Sampled	N/A - Not Sampled	N/A - Not Sampled		N/A - Not Sampled	N/A - Not Sampled	N/A - Not Sampled	N/A - Delineation Wells	N/A - Delineation Wells
Monitoring Points - Surface Water									
SW-1	N/A - Not Sampled	N/A - Not Sampled	N/A - Not Sampled		N/A - Not Sampled	N/A - Not Sampled	N/A - Not Sampled	N/A - Surface Water	N/A - Surface Water
SW-2	N/A - Not Sampled	N/A - Not Sampled	N/A - Not Sampled		N/A - Not Sampled	N/A - Not Sampled	N/A - Not Sampled	N/A - Surface Water	N/A - Surface Water
SW-3	N/A - Not Sampled	N/A - Not Sampled	N/A - Not Sampled		N/A - Not Sampled	N/A - Not Sampled	N/A - Not Sampled	N/A - Surface Water	N/A - Surface Water
SW-4	N/A - Not Sampled	N/A - Not Sampled	N/A - Not Sampled		N/A - Not Sampled	N/A - Not Sampled	N/A - Not Sampled	N/A - Surface Water	N/A - Surface Water

Notes:
N/A = Not Applicable
TSS = Total Suspended Solids

Table 3
Summary of Well/Detected Constituent Pairs with No Previous SSIs
2025 Spring Statistical Report
Dubuque Metropolitan Area Sanitary Landfill
Permit No. 31-SDP-02-75P

Well	Constituent	Units	Most recent result April 2025	Interwell Background Standard (Intrawell)
HMSP Monitoring Wells - Shallow Aquifer				
MW-402A	Arsenic	µg/L	2.11	8.15
	Barium	µg/L	70.2	332
	Cobalt	µg/L	0.990	11.9
	TSS	mg/L	11.7	N/A
MW-403A	Barium	µg/L	175	332
MW-404A	Barium	µg/L	72.0	332
	Cobalt	µg/L	1.02	11.9
	TSS	mg/L	3.87	N/A
MW-502A	Barium	µg/L	24.2	332
	TSS	mg/L	4.13	N/A
MW-604	Barium	µg/L	192	332
MW-605	Barium	µg/L	219	332
	Cobalt	µg/L	1.49	11.9
	Nickel	µg/L	5.63	21.8
Monitoring Points - Groundwater Underdrains ***(Intrawell Background Standard)*** [1]				
GU-3	Barium	µg/L	110	(216)

Notes:

BOLD - Result is above the interwell prediction limit.

[1] Groundwater Underdrains GU-1 and GU-2 were dry during the sampling event.

N/A = TSS data is presented for additional information and not compared to a background standard.

Comments:

- The table above shows detections of constituents above the laboratory report limit (RL).
- Constituents detected between the method detection limit (MDL) and laboratory RL (J-flagged) are considered estimated concentrations and are not listed in the table above.

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Table 4
Summary of Ongoing and Newly Identified SSIs in Assessment Monitoring
2025 Spring Statistical Report
Dubuque Metropolitan Area Sanitary Landfill
Permit No. 31-SDP-02-75P

							Sample Dates		
Well	**Constituent**	**Units**	**Most recent result (µg/L) (April 2025)**	**Background Standard (µg/L) (BG)**	**Lower Confidence Limit (µg/L) (LCL)**	**GWPS (µg/L)**	**Initial Exceedance (above background)**	**Resample(s) (Confirmation Event)**	**5th background sample**
MW-102A	Arsenic	µg/L	13.1*	8.15	8.185	10	June 2016	October 2016	October 2008
	Barium	µg/L	434 [1]	332	N/A - No SSI	2,000	April 2017	October 2017	October 2008
	Benzene	µg/L	<0.220 (Verification-No SSI)	0.5 (RL)	N/A - No SSI	5	September 2024	April 2025	October 2008
	Cobalt	µg/L	1.65	11.9	N/A - No SSI	11.9 (BG)	October 2017	April 2019	October 2008
	TSS	mg/L	53.0	N/A	N/A	N/A	N/A	N/A	October 2008
MW-103A	Barium	µg/L	110 [1]	332	N/A - No SSI	2,000	December 2014	June 2015	October 2008
	TSS	mg/L	1.75J	N/A	N/A	N/A	N/A	N/A	N/A
MW-104A	Arsenic	µg/L	N.S.	8.15	N/A - TREND ONLY	10	October 2016	April 2017	October 2008
	Barium	µg/L	N.S.	332	N/A - TREND ONLY	2,000	December 2014	June 2015	October 2008
	Cobalt	µg/L	N.S.	11.9	N/A - TREND ONLY	11.9 (BG)	November 2019	March 2020	October 2008
	Nickel	µg/L	N.S.	21.8	N/A - TREND ONLY	100	December 2014	June 2015	October 2008
	TSS	mg/L	N.S.	N/A	N/A - TREND ONLY	N/A	N/A	N/A	October 2008
MW-105A	Arsenic	µg/L	N.S.	8.15	N/A - TREND ONLY	10	June 2016	April 2017	October 2008
	Barium	µg/L	N.S.	332	N/A - TREND ONLY	2,000	December 2014	June 2015	October 2008
	Cobalt	µg/L	N.S.	11.9	N/A - TREND ONLY	11.9 (BG)	November 2019	March 2020	October 2008
	Nickel	µg/L	N.S.	21.8	N/A - TREND ONLY	100	December 2014	May 2015	October 2008
	TSS	mg/L	N.S.	N/A	N/A - TREND ONLY	N/A	N/A	N/A	October 2008
MW-108AR	Arsenic	µg/L	0.939J	8.15	N/A - No SSI	10	November 2024	March 2025	October 2012
	Barium	µg/L	169 [1]	332	N/A - No SSI	2,000	November 2014	June 2015	October 2012
	Cobalt	µg/L	1.21	11.9	N/A - No SSI	11.9 (BG)	October 2020	April 2021	October 2012
	Copper	µg/L	<3.20 (Verification-No SSI)	8.64	N/A - No SSI	1,300	prior to 2014 only	prior to 2014 only	October 2012
	Lead	µg/L	0.360J (1 of 2 No SSI)*	3.58	0.3119	15	November 2016	April 2017	October 2012
	TSS	mg/L	3.13	N/A	N/A - No SSI	N/A	N/A	N/A	October 2012
MW-109ARR	Arsenic	µg/L	10.4 (1 of 2 SSI)*	8.15	5.508	10	April 2019	October 2019	October 2012
	Barium	µg/L	360 [1]	332	N/A - No SSI	2,000	April 2018	October 2018	October 2012
	Cobalt	µg/L	1.49	11.9	N/A - No SSI	11.9 (BG)	October 2021	Spring 2022	October 2012
	TSS	mg/L	26.5	N/A	N/A	N/A	N/A	N/A	October 2012
MW-114AR	Barium	µg/L	122 [1]	332	N/A - No SSI	2,000	prior to 2014 only	prior to 2014 only	October 2008
	TSS	mg/L	34.1	N/A	N/A	N/A	N/A	N/A	October 2012
MW-137A	Barium	µg/L	119 [1]	332	N/A - No SSI	2,000	N/A - No Exceedance	N/A - No Exceedance	October 2012
	Lead	µg/L	0.511	3.58	N/A - No SSI	15	N/A - No Exceedance	N/A - No Exceedance	October 2012
	TSS	mg/L	4.38	N/A	N/A - No SSI	100	April 2021	June 2021	October 2012
MW-201A	Barium	µg/L	345 [1]	332	N/A - No SSI	2,000	November 2014	June 2015	October 2012
	Cobalt	µg/L	1.18	11.9	N/A - No SSI	11.9 (BG)	October 2020	April 2021	October 2012
	1,1-Dichloroethane	µg/L	0.864J (1 of 2 No SSI)*	1.0 (RL)	1.114	140	February 2012	April 2012	October 2012
	TSS	mg/L	3.75	N/A	N/A	N/A	N/A	N/A	October 2012
MW-202A	Arsenic	mg/L	11.5 (1 of 2 SSI)*	8.15	1.224	10	N/A - No Exceedance	N/A - No Exceedance	October 2012
	Barium	µg/L	406 [1]	332	N/A - No SSI	2,000	November 2014	June 2015	October 2012
	Cobalt	µg/L	1.03	11.9	N/A - No SSI	11.9 (BG)	November 2014	June 2015	October 2012
	Copper	µg/L	7.11	8.64	N/A - No SSI	1,300	November 2014	June 2015	October 2012
	TSS	mg/L	35.5	N/A	N/A	N/A	N/A	N/A	October 2012

Table 4
Summary of Ongoing and Newly Identified SSIs in Assessment Monitoring
2025 Spring Statistical Report
Dubuque Metropolitan Area Sanitary Landfill
Permit No. 31-SDP-02-75P

							Sample Dates		
Well	**Constituent**	**Units**	**Most recent result (µg/L) (April 2025)**	**Background Standard (µg/L) (BG)**	**Lower Confidence Limit (µg/L) (LCL)**	**GWPS (µg/L)**	**Initial Exceedance (above background)**	**Resample(s) (Confirmation Event)**	**5th background sample**
MW-203A	Barium	µg/L	N.S.	332	N/A - TREND ONLY	2,000	November 2014	June 2015	October 2012
	Cobalt	µg/L	N.S.	11.9	N/A - TREND ONLY	11.9 (BG)	November 2019	March 2020	October 2012
	1,1-Dichloroethane	µg/L	N.S.	1.0 (RL)	N/A - TREND ONLY	140	February 2012	April 2012	October 2012
	cis-1,2-Dichloroethene	µg/L	N.S.	1.0 (RL)	N/A - TREND ONLY	70	February 2012	April 2012	October 2012
	Nickel	µg/L	N.S.	21.8	N/A - TREND ONLY	100	November 2019	March 2020	October 2012
	TSS	mg/L	N.S.	N/A	N/A - TREND ONLY	N/A	N/A	N/A	N/A
MW-204A	Barium	µg/L	305 [1]	332	N/A - No SSI	2,000	December 2014	June 2015	October 2012
	Cobalt	µg/L	3.04	11.9	N/A - No SSI	11.9 (BG)	December 2014	June 2015	October 2012
	Nickel	mg/L	17.1	21.8	N/A - No SSI	100	December 2014	June 2015	October 2012
OW-301A	Arsenic	µg/L	4.00 (Verification-No SSI)	8.15	N/A - No SSI	10	N/A - No Exceedance	N/A - No Exceedance	May 2013
	Barium	µg/L	352 [1]	332	N/A - No SSI	2,000	N/A - No Exceedance	N/A - No Exceedance	May 2013
	Benzene	µg/L	0.420J (Verification-No SSI)	0.5 (RL)	N/A - No SSI	5	September 2024	April 2025	May 2015
	Cobalt	µg/L	1.11	11.9	N/A - No SSI	11.9 (BG)	April 2018	October 2018	May 2013
	TSS	mg/L	16.0	N/A	N/A	N/A	N/A	N/A	May 2013
OW-306AR	Barium	µg/L	122 [1]	332	N/A - No SSI	2,000	October 2018	January 2019	April 2020
	Cobalt	µg/L	0.885	11.9	N/A - No SSI	11.9 (BG)	October 2018	January 2019	April 2020
	Lead	µg/L	0.873	3.58	N/A - No SSI	15	October 2020	April 2021	April 2020
	TSS	mg/L	39.2	N/A	N/A	N/A	N/A	N/A	April 2020
MW-401A	Barium	µg/L	271 [1]	332	N/A - No SSI	2,000	October 2020	April 2021	May 2013
	Cobalt	µg/L	2.10	11.9	N/A - No SSI	11.9 (BG)	April 2019	May 2019	May 2013
	TSS	mg/L	3.13	N/A	N/A	N/A	N/A	N/A	N/A
MW-501A	Barium	µg/L	80.3 [1]	332	N/A - No SSI	2,000	N/A - No Exceedance	N/A - No Exceedance	April 2017
	Cobalt	µg/L	3.10	11.9	N/A - No SSI	11.9 (BG)	October 2021	December 2021	April 2017
	TSS	mg/L	28.9	N/A	N/A	N/A	N/A	N/A	April 2017
HMSP Monitoring Wells - Deep Aquifer									
P-105B	Barium	µg/L	185 [1]	332	N/A - No SSI	2,000	December 2014	June 2015	October 2008
	Copper	µg/L	5.11	8.64	N/A - No SSI	1,300	N/A - No SSI	N/A - No SSI	October 2008
P-108B	Barium	µg/L	181 [1]	332	N/A - No SSI	2,000	December 2014	June 2015	October 2008
	Lead	µg/L	0.766	3.58	N/A - No SSI	15	April 2021	April 2021	October 2008
P-114BR	Barium	µg/L	196 [1]	332	N/A - No SSI	2,000	December 2014	June 2015	October 2008

Notes:

* Current result is above background; analyzed using confidence intervals.

[1] Barium is analyzed by comparing to interwell prediction limits. Barium is not listed as an SSI due to a successful ASD.

J Denotes result is less that Practical Quantification Limit (PQL or Reporting Limit) but above the Method Detection Limit (MDL) and is treated as an assumed value and not treated as significant.

N.S. Well not sampled during sampling event. MW-104A, MW-105A and MW-203A are sampled annually for trend analysis and will be sampled in October 2025.

N/A Not Applicable

Comments:

-The initial exceedance dates for inorganic constituents are no earlier than November 2014 (the initiation of low-flow sampling procedures). Historical concentrations are compared to current background levels based on the refined background dataset to determine the initial exceedance since historical prediction limits are not available.

- Dataset for both shallow and deep aquifer is made up of MW-120AR, MW-505A, P-120B, P-503B and P-504B.

-No additional SSLs were determined during the spring 2025 sampling event.

Table 5
Summary of Ongoing and Newly Identified SSLs
2025 Spring Statistical Report
Dubuque Metropolitan Area Sanitary Landfill
Permit No. 31-SDP-02-75P

Well	Constituent	Units	Most recent result	Upper Confidence Limit	GWPS	Initial Exceedance (Confirmed SSI)	Trend Analysis	
							Direction	Confidence
No Ongoing or Newly Identified SSLs								

Comments:

● Monitoring wells MW-104A, MW-105A, and MW-203A had confirmed statistically significant levels (SSLs) detected during the spring 2017 sampling event and moved into corrective action. In accordance with IAC 113.10(6)"g"(1), characterization of the nature and extent of the cobalt and nickel plumes was conducted with the installation of five additional wells (MW-601, MW-602, MW-603, MW-604, and MW-605) in November 2017. An Assessment of Corrective Measures (ACM) report was submitted to IDNR on March 26, 2019. DMASWA submitted a Corrective Action/Management Plan (CAMP) in accordance with 567 IAC 113.10(9) to IDNR February 24, 2020. The CAMP consists of quarterly sampling and analysis of both upgradient and downgradient wells in order to understand the relationship of the impact of leachate from the unlined Cells 1-2 interacting with groundwater. Pursuant to IAC 113.10(9)"e"(2), MW-604 and MW-605 are the new Point of Compliance (POC) monitoring locations within the Hydrologic Monitoring System Plan (HMSP) beginning with the first semi-annual sampling event of 2021. MW-604 and MW-605 replaced MW-104A, MW-105A, and MW-203A within the HMSP as the new POC points. MW-104A, MW-105A, and MW-203A remain in the HMSP as corrective action wells for 3 consecutive years. After the 3 consecutive years (starting June 25, 2020), corrective action wells MW-104A, MW-105A, and MW-203A will be sampled for Appendix I and TSS and evaluated for annual trends. The spring 2023 sampling event served as the end of the 3 year corrective action monitoring program as provided in the approved CA/MP, dated February 2020 and approved July 13, 2020.

● No new SSLs were identified during the April 2025 sampling event.

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Table 6
Historic SSIs and SSLs
2025 Spring Statistical Report
Dubuque Metropolitan Area Sanitary Landfill
Permit No. 31-SDP-02-75P

Key: SSI - ; SSL -		Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring
Well	**Constituent**	2020	2021	2021	2022	2022	2023	2023	2024	2024	2025
HMSP Monitoring Wells - Shallow Aquifer											
MW-102A	Arsenic				2	3	2	3	1		
	Benzene									1	3
MW-103A	Barium										
	Lead					1	2	3			
MW-104A	Arsenic				2		2	NS	4	4	NS
	Cobalt							NS	4	4	NS
	Copper						1	NS	4	4	NS
	Nickel							NS	4	4	NS
MW-105A	Arsenic				1	1		NS	4	4	NS
	Barium							NS	4	4	NS
	Cobalt							NS	4	4	NS
	Nickel				3			NS	4	4	NS
MW-108AR	Barium			DRY		DRY		DRY			
	Copper									1	3
	Lead			DRY		DRY		DRY	3	1	2
MW-109ARR	Acetone								1	3	
	Arsenic								1	3	1
	Cobalt				3						
	Copper								1	3	
MW-114AR	Barium		3								
	Lead							1	2	3	
MW-137A	Cadmium				1	2	3				
	Cobalt				2	3					
	Copper						1	2	3		
	Nickel				2	3					
MW-201A	1,1-Dichloroethane				2						2
	cis-1,2-Dichloroethene				2		1	2	3		
	Cobalt				1	2	3				
	Copper				1	2	3				
	Vinyl Chloride				2	3					
MW-202A	Arsenic				2	1	2	3			1
	Cobalt				2	3					
	Nickel				2		2	3			
MW-203A	Cobalt							NS	4	4	NS
	Lead					1	2	NS	4	4	NS
	Nickel							NS	4	4	NS
	1,1-Dichloroethane							NS	4	4	NS

Table 6
Historic SSIs and SSLs
2025 Spring Statistical Report
Dubuque Metropolitan Area Sanitary Landfill
Permit No. 31-SDP-02-75P

Key: SSI - SSL -		Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring
Well	**Constituent**	2020	2021	2021	2022	2022	2023	2023	2024	2024	2025
MW-203A	Chloroethane				2	3		NS	4	4	NS
	cis-1,2-Dichloroethene							NS	4	4	NS
MW-204A	Barium										
	Cobalt					2	3				
	Nickel				2	3	1	2	3		
OW-301A	Arsenic									1	3
	Cobalt				1	3					
	Benzene									1	3
	Silver					1	2	3			
OW-306AR	Barium										
	Cadmium				3						
	Cobalt				2	3					
	Copper				2	3					
	Lead				2				2	3	
MW-401A	cis-1,2-Dichloroethene				1	2		2	3		
MW-501A	Cadmium					2	3				
	Cobalt					2	3				
HMSP Monitoring Wells - Deep Aquifer											
P-105B	Barium										
P-108B	Barium										
	Lead								2	3	
P-114BR	Barium										

Notes:

1 Current result is above background. The constituent is not an active SSI. This SSI will be verified during the next sampling event.

2 Current result is below background. If confirmed by next sample, SSI will be terminated.

3 Confirmed No SSI

4 Monitoring wells MW-104A, MW-105A, and MW-203A are internal monitoring points. Results are not compared against GWPS.

NS Monitoring wells MW-104A, MW-105A, and MW-203A are sampled annually; not sampled Spring 2025.

Table 7
RPD Summary - Semi-Annual Sampling
2025 Spring Statistical Report
Dubuque Metropolitan Area Sanitary Landfill
Permit No. 31-SDP-02-75P

April 2025 Semi-Annual Sampling Event										
Parameter	**Units**	**DUP-1**	**MW-404A**	**RPD**	**DUP-2**	**MW-102A**	**RPD**	**DUP-3**	**MW-108AR**	**RPD**
Arsenic	mg/L	N/A	N/A	N/A	0.0134	0.0131	2.3%	N/A	N/A	N/A
Barium	mg/L	0.0706	0.0720	2.0%	0.439	0.434	1.1%	0.174	0.169	2.9%
Cobalt	mg/L	0.000988	0.00102	3.2%	0.00166	0.00165	0.6%	0.00118	0.00121	2.5%
TSS	mg/L	2.63	3.87	38.2%	54.0	53.0	1.9%	3.00	3.13	4.2%

Notes:

mg/L = milligrams per liter.

RPD = Relative Percent Difference

TSS = Total Suspended Solids

Comments:

- N/A = Not Applicable; detection was less than the laboratory reporting limit; therefore the RPD was not calculated.
- RPD values are recommended to remain below 50%. As provided in the tables above, all RPD values are below the recommended 50%.

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Attachment 1

Field Sampling Forms

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Low Stress Groundwater Sampling Data Sheet

Facility Name: **DMASWA**		Sampler Name(s): **WILL NICHOLSON**
MW Identification: MW-102A		Date/Time: 4/14/25 1220
Sample Number: 12		PID Readings: **N/A**
Weather Conditions: 60° F PARTLY CLOUDY		
Wellhead Inspection: OVERGROWN		

Visual Inspection:

1. Survey Mark Present:	Yes / (No)	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	15.40	7. Purge Rate (mL/min)	300
2. Intake Depth (±0.01 ft.)	25	8. Water Level Measuring Equip.	SOLINST
3. Bottom of casing (±0.01 ft.)	-	9. Purge Equipment Used	PERISTALTIC
4. Casing Diameter (inches)	2	10. Dedicated? (Yes/No)	Yes / (No)
5. Actual Volume of Water Purged (mL)	4500	11. Immiscible layer observed	Yes / (No)
6. Purge Water Characteristics:		12. Thickness of immiscible layer	N/A
Odor NONE Turbidity	LOW	13. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / (N/A)
Color SLIGHT BROWN / GRAY			

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown	Notes
1227	-	14.0	2905	-83.3	3.59	32.54	6.73	15.98	
1230	900	12.5	2892	-96.2	0.54	7.12	6.70	16.28	
1233	1800	12.5	2892	-101.1	0.30	8.73	6.70	16.33	
1236	2700	12.8	2890	-105.0	0.21	10.54	6.69	16.37	
1239	3600	12.7	2890	-107.2	0.14	13.24	6.69	16.37	
1242	4500	12.7	2893	-110.9	0.08	9.71	6.69	16.38	

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	N/A
2. Sample Filtered?	Yes / (No)	8. Sample Time:	1245
3. Sampling Equip. Used	PERISTALTIC	9: Parameter/Container/Pres.	**See Attached COC**
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ (N/A)		
5. Sample Rate (mL/min)	300		
6. Sample Appearance:			
Turbidity	LOW	10. Other Information:	
Color	CLEAR		
Odor	NONE		

11. Decontamination Procedures: **Alconox/DI Rinse**

12. Instrument type: **YSI ProDSS**

Calibration Date: **LAB**

Calibration Time: **LAB**

	Stnd.	Reading	Adjust.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached Lab Form for Calibration Data

DUP-2 HERE @ 1330

P-102B - 24.55

Low Stress Groundwater Sampling Data Sheet

Facility Name: **DMASWA**		Sampler Name(s): **WILL NICHOLSON**
MW Identification: MW-103A		Date/Time: 4/14/25 1330
Sample Number: 14		PID Readings: **N/A**
Weather Conditions: 60° F SUNNY		
Wellhead Inspection: NO COMMENTS		

Visual Inspection:

1. Survey Mark Present:	Yes / (No)	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	6.98	7. Purge Rate (mL/min)	300
2. Intake Depth (±0.01 ft.)	13	8. Water Level Measuring Equip.	SOLINST
3. Bottom of casing (±0.01 ft.)	–	9. Purge Equipment Used	PERISTALTIC
4. Casing Diameter (inches)	2	10. Dedicated? (Yes/No)	Yes / (No)
5. Actual Volume of Water Purged (mL)	4500	11. Immiscible layer observed	Yes / (No)
6. Purge Water Characteristics:		12. Thickness of immiscible layer	N/A
Odor NONE Turbidity	LOW	13. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / (N/A)
Color CLEAR			

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown	Notes
1335	–	9.4	959	24.2	5.63	25.01	6.67	7.68	
1338	900	8.6	916	65.6	0.71	12.41	6.55	8.46	
1341	1800	8.4	910	77.3	0.58	9.42	6.53	8.85	
1344	2700	8.4	905	83.5	0.58	11.53	6.53	9.01	
1347	3600	8.4	900	88.4	0.64	11.67	6.53	9.17	
1350	4500	8.3	870	92.2	1.04	7.43	6.55	9.26	

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	N/A
2. Sample Filtered?	Yes / (No)	8. Sample Time:	1350
3. Sampling Equip. Used	PERISTALTIC	9: Parameter/Container/Pres.	**See Attached COC**
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ (N/A)		
5. Sample Rate (mL/min)	300		
6. Sample Appearance:			
Turbidity	LOW	10. Other Information:	
Color	CLEAR		
Odor	NONE		

11. Decontamination Procedures: **Alconox/DI Rinse**

12. Instrument type: **YSI ProDSS**

Calibration Date: **LAB**

Calibration Time: **LAB**

	Stnd.	Reading	Adjust.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached Lab Form for Calibration Data

Low Stress Groundwater Sampling Data Sheet

Facility Name: **DMASWA**		Sampler Name(s): **WILL NICHOLSON**
MW Identification:	P-105B	Date/Time: 4/14/25 1530
Sample Number:	17	PID Readings: **N/A**
Weather Conditions:	60° CLEAR	
Wellhead Inspection:	NO COMMENT	

Visual Inspection:

1. Survey Mark Present:	Yes / (No)	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	45.26	7. Purge Rate (mL/min)	300
2. Intake Depth (±0.01 ft.)	55	8. Water Level Measuring Equip.	SOLINST
3. Bottom of casing (±0.01 ft.)	-	9. Purge Equipment Used	BLADDER
4. Casing Diameter (inches)	2	10. Dedicated? (Yes/No)	Yes / (No)
5. Actual Volume of Water Purged (mL)	4500	11. Immiscible layer observed	Yes / (No)
6. Purge Water Characteristics:		12. Thickness of immiscible layer	N/A
Odor: SLIGHT ORGANIC Turbidity	LOW	13. Drive Gas (Air/Nitrogen)	(AIR) / NITROGEN / N/A
Color: CLEAR			

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown	Notes
1538	-	15.6	595	-36.7	7.71	2.94	7.39	45.74	
1541	900	13.2	565	-33.4	0.54	2.53	7.26	45.81	
1544	1800	12.8	562	-106.6	0.32	3.51	7.25	45.81	
1547	2700	12.7	562	-108.8	0.24	4.76	7.25	45.82	
1550	3600	12.9	562	-107.1	0.26	6.48	7.24	45.82	
1553	4500	12.8	562	-104.2	0.15	9.02	7.24	45.82	

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	N/A	11. Decontamination Procedures:	
2. Sample Filtered?	Yes / (No)	8. Sample Time:	1555	**Alconox/DI Rinse**	
3. Sampling Equip. Used	BLADDER	9: Parameter/Container/Pres.		12. Instrument type: **YSI ProDSS**	
4. Drive Gas (Air/Nitrogen)	(AIR)/NITROGEN/ N/A	**See Attached COC**		Calibration Date:	**LAB**
5. Sample Rate (mL/min)	300			Calibration Time:	**LAB**
6. Sample Appearance:				Stnd. / Reading / Adjust.	
Turbidity	LOW	10. Other Information:		pH	
Color	CLEAR			Conduct.	**See attached Lab Form for Calibration Data**
Odor	NONE			ORP	
				D.O	
				Turbidity	

MW-105A - 19.90

Low Stress Groundwater Sampling Data Sheet

Facility Name: **DMASWA**		Sampler Name(s): **WILL NICHOLSON**
MW Identification: MW-108DR		Date/Time: 4/15/14 0555
Sample Number: 20		PID Readings: **N/A**
Weather Conditions: 42° F CLOUDY		
Wellhead Inspection: NO COMMENT		

Visual Inspection:

1. Survey Mark Present:	Yes / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	38.55	7. Purge Rate (mL/min)	300
2. Intake Depth (±0.01 ft.)	47	8. Water Level Measuring Equip.	SOLINST
3. Bottom of casing (±0.01 ft.)	-	9. Purge Equipment Used	BLADDER
4. Casing Diameter (inches)	2	10. Dedicated? (Yes/No)	Yes / (No)
5. Actual Volume of Water Purged (mL)	4500	11. Immiscible layer observed	Yes / (No)
6. Purge Water Characteristics:		12. Thickness of immiscible layer	N/A
Odor NONE Turbidity	MED	13. Drive Gas (Air/Nitrogen)	(AIR) / NITROGEN / N/A
Color SLIGHT BROWN			

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown	Notes
0607	-	8.5	1030	-180.3	6.68	272.3	6.80	39.00	
0610	900	10.1	1015	-47.4	0.81	12.06	6.69	39.01	
0613	1800	10.2	1019	-20.4	0.79	14.26	6.69	39.02	
0616	2700	10.2	1022	-14.3	0.69	13.00	6.69	39.03	
0619	3600	10.2	1026	-9.8	0.61	11.09	6.69	39.03	
0622	4500	10.2	1032	-5.4	0.60	6.44	6.69	39.03	

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	N/A
2. Sample Filtered?	Yes / (No)	8. Sample Time:	0625
3. Sampling Equip. Used	BLADDER	9: Parameter/Container/Pres.	**See Attached COC**
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ N/A		
5. Sample Rate (mL/min)	300		
6. Sample Appearance:			
Turbidity	LOW	10. Other Information:	
Color	CLEAR		
Odor	NONE		

11. Decontamination Procedures: **Alconox/DI Rinse**

12. Instrument type: **YSI ProDSS**

Calibration Date: **LAB**

Calibration Time: **LAB**

	Stnd.	Reading	Adjust.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached Lab Form for Calibration Data

DUP-3 @ 1300

EQ-1 HERE @ 0635

Low Stress Groundwater Sampling Data Sheet

HDR	Facility Name: **DMASWA**	Sampler Name(s): **WILL NICHOLSON**
	MW Identification: P-108B	Date/Time: 4/15/25 0730
	Sample Number: 22	PID Readings: **N/A**
	Weather Conditions: SLC° CLOUDY	
	Wellhead Inspection: NO COMMENT	

Visual Inspection:

1. Survey Mark Present:	Yes / (No)	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	14.45	7. Purge Rate (mL/min)	300
2. Intake Depth (±0.01 ft.)	25	8. Water Level Measuring Equip.	SOCINST
3. Bottom of casing (±0.01 ft.)	-	9. Purge Equipment Used	PERISTALTIC
4. Casing Diameter (inches)	2	10. Dedicated? (Yes/No)	Yes / (No)
5. Actual Volume of Water Purged (mL)	4500	11. Immiscible layer observed	Yes / (No)
6. Purge Water Characteristics:		12. Thickness of immiscible layer	N/A
Odor: NONE Turbidity	LOW	13. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / (N/A)
Color: CLEAR			

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown	Notes
0736	0 -	8.2	875	-27.6	6.13	13.27	7.13	15.45	
0741	900	8.5	876	4.8	4.92	4.71	7.11	16.25	
0744	1800	8.6	874	25.2	4.73	4.06	7.11	17.41	
0747	2700	8.5	875	38.8	4.62	3.77	7.11	18.78	
0750	3600	8.5	876	44.4	4.57	4.15	7.11	19.38	
0753	4500	8.6	875	49.3	4.56	4.33	7.11	20.09	

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	N/A
2. Sample Filtered?	Yes / (No)	8. Sample Time:	0755
3. Sampling Equip. Used	PERISTALTIC	9: Parameter/Container/Pres.	**See Attached COC**
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/(N/A)		
5. Sample Rate (mL/min)	300		
6. Sample Appearance:			
Turbidity	LOW	10. Other Information:	
Color	CLEAR		
Odor	NONE		

11. Decontamination Procedures: **Alconox/DI Rinse**

12. Instrument type: **YSI ProDSS**

Calibration Date: **LAB**

Calibration Time: **LAB**

	Stnd.	Reading	Adjust.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached Lab Form for Calibration Data

MW-108A - 12.98

MW-108AR - 10.23

Low Stress Groundwater Sampling Data Sheet

Facility Name: **DMASWA**		Sampler Name(s): **WILL NICHOLSON**
MW Identification: MW-109ARR		Date/Time: 4/15/25 0650
Sample Number: 21		PID Readings: **N/A**
Weather Conditions: 55° F CLOUDY		
Wellhead Inspection: NO COMMENT		

Visual Inspection:

1. Survey Mark Present:	Yes / (No)	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	39.02	7. Purge Rate (mL/min)	300
2. Intake Depth (±0.01 ft.)	40	8. Water Level Measuring Equip.	SOLINST
3. Bottom of casing (±0.01 ft.)	-	9. Purge Equipment Used	BLADDER
4. Casing Diameter (inches)	2	10. Dedicated? (Yes/No)	Yes / (No)
5. Actual Volume of Water Purged (mL)	4500	11. Immiscible layer observed	Yes / (No)
6. Purge Water Characteristics:		12. Thickness of immiscible layer	N/A
Odor SLIGHT WASTE Turbidity	LOW	13. Drive Gas (Air/Nitrogen)	(AIR) / NITROGEN / N/A
Color CLEAR			

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown	Notes
0700	-	9.0	990	-157.3	5.26	5.66	6.96	39.22	
0703	900	10.1	968	-135.9	0.90	4.81	6.80	39.28	
0706	1800	10.1	970	-138.1	1.03	4.73	6.81	39.31	
0709	2700	10.2	971	-129.0	1.17	4.52	6.83	39.34	
0712	3600	10.3	953	-121.9	1.55	4.44	6.86	39.35	
0715	4500	10.2	938	-118.0	1.70	4.12	6.91	39.37	

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	N/A
2. Sample Filtered?	Yes / (No)	8. Sample Time:	0715
3. Sampling Equip. Used	BLADDER	9: Parameter/Container/Pres.	**See Attached COC**
4. Drive Gas (Air/Nitrogen)	(AIR)/NITROGEN/ N/A		
5. Sample Rate (mL/min)	300		
6. Sample Appearance:			
Turbidity	LOW	10. Other Information:	
Color	CLEAR		
Odor	SLIGHT WASTE		

11. Decontamination Procedures: **Alconox/DI Rinse**

12. Instrument type: **YSI ProDSS**

Calibration Date: **LAB**

Calibration Time: **LAB**

	Stnd.	Reading	Adjust.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached Lab Form for Calibration Data

Low Stress Groundwater Sampling Data Sheet

Facility Name: **DMASWA**		Sampler Name(s): **WILL NICHOLSON**
MW Identification: MW-114AR		Date/Time: 4/15/25 0611
Sample Number: 23		PID Readings: **N/A**
Weather Conditions: 58° CLOUDY		
Wellhead Inspection: NEEDS HOUSING SLEEVE		

Visual Inspection:

1. Survey Mark Present:	Yes / (No)	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	9.76	7. Purge Rate (mL/min)	300
2. Intake Depth (±0.01 ft.)	18	8. Water Level Measuring Equip.	SOLINST
3. Bottom of casing (±0.01 ft.)	-	9. Purge Equipment Used	PERISTALTIC
4. Casing Diameter (inches)	2	10. Dedicated? (Yes/No)	Yes / (No)
5. Actual Volume of Water Purged (mL)	4500	11. Immiscible layer observed	Yes / (No)
6. Purge Water Characteristics:		12. Thickness of immiscible layer	N/A
Odor: NONE Turbidity	MED	13. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / (N/A)
Color: SLIGHT GRAY			

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown	Notes
0818	-	8.0	804	40.2	5.82	87.73	7.01	9.86	
0821	900	7.9	799	50.3	2.13	30.93	6.98	9.86	
0824	1800	7.9	800	58.5	1.44	11.63	6.97	9.86	
0827	2700	7.9	800	62.7	1.02	8.38	6.97	9.86	
0830	36000	8.1	800	64.0	0.90	9.17	6.97	9.86	
0833	4500	8.1	800	65.0	0.87	10.17	6.97	9.86	

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	N/A	11. Decontamination Procedures:	
2. Sample Filtered?	Yes / (No)	8. Sample Time:	0835	**Alconox/DI Rinse**	
3. Sampling Equip. Used	300	9: Parameter/Container/Pres.		12. Instrument type: **YSI ProDSS**	
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/(N/A)	**See Attached COC**		Calibration Date:	**LAB**
5. Sample Rate (mL/min)	300			Calibration Time:	**LAB**
6. Sample Appearance:				Stnd. / Reading / Adjust.	
Turbidity	LOW	10. Other Information:		pH	
Color	CLEAR			Conduct.	**See attached Lab Form for Calibration Data**
Odor	NONE			ORP	
				D.O	
				Turbidity	

Low Stress Groundwater Sampling Data Sheet

Facility Name: **DMASWA**		Sampler Name(s): **WILL NICHOLSON**
MW Identification: P-114BR		Date/Time: 4/15/25
Sample Number: 24		PID Readings: **N/A**
Weather Conditions: 58° CLOUDY		
Wellhead Inspection: NO COMMENT		

Visual Inspection:

1. Survey Mark Present:	Yes / (No)	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	13.95	7. Purge Rate (mL/min)	300
2. Intake Depth (±0.01 ft.)	25	8. Water Level Measuring Equip.	SOLINST
3. Bottom of casing (±0.01 ft.)	-	9. Purge Equipment Used	PERISTALTIC
4. Casing Diameter (inches)	2	10. Dedicated? (Yes/No)	Yes / (No)
5. Actual Volume of Water Purged (mL)	4500	11. Immiscible layer observed	Yes / (No)
6. Purge Water Characteristics:		12. Thickness of immiscible layer	N/A
Odor: NONE Turbidity	LOW	13. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / (N/A)
Color: CLEAR			

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown	Notes
0641	-	9.8	6674	61.0	5.81	3.83	7.34	14.75	
0644	900	9.8	6664	65.3	4.33	2.87	7.33	15.65	
0847	1800	9.8	6603	67.2	4.19	4.00	7.33	16.34	
0850	2700	10.1	6663	68.6	4.10	5.70	7.33	17.06	
0853	3600	10.1	6662	69.2	4.03	6.91	7.33	17.45	
0856	4500	10.2	6603	69.9	4.00	9.41	7.33	17.75	

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	N/A	11. Decontamination Procedures:	
2. Sample Filtered?	Yes / (No)	8. Sample Time:	0900	**Alconox/DI Rinse**	
3. Sampling Equip. Used	PERISTALTIC	9: Parameter/Container/Pres.		12. Instrument type: **YSI ProDSS**	
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ (N/A)	**See Attached COC**		Calibration Date:	**LAB**
5. Sample Rate (mL/min)	300			Calibration Time:	**LAB**
6. Sample Appearance:				Stnd. / Reading / Adjust.	
Turbidity	LOW	10. Other Information:		pH	
Color	CLEAR			Conduct.	**See attached Lab Form for Calibration Data**
Odor	NONE			ORP	
				D.O	
				Turbidity	

Low Stress Groundwater Sampling Data Sheet

Facility Name: **DMASWA**		Sampler Name(s): **WILL NICHOLSON**
MW Identification:	MW-120AR	Date/Time: 4/14/25 0550
Sample Number:	1	PID Readings: **N/A**
Weather Conditions:	57° 20 MPH	
Wellhead Inspection:	NO COMMENT	

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	17.92	7. Purge Rate (mL/min)	100
2. Intake Depth (±0.01 ft.)	19	8. Water Level Measuring Equip.	SOLINST
3. Bottom of casing (±0.01 ft.)	-	9. Purge Equipment Used	PERISTALTIC
4. Casing Diameter (inches)	2	10. Dedicated? (Yes/No)	Yes / (No)
5. Actual Volume of Water Purged (mL)	1200	11. Immiscible layer observed	Yes / (No)
6. Purge Water Characteristics:		12. Thickness of immiscible layer	N/A
Odor: NONE Turbidity: LOW		13. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / (N/A)
Color: CLEAR			

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown	Notes
0603	-	11.3	26064	10.3	8.82	33.50	7.39	18.19	
0606	300	10.60	2685	43.4	7.68	3.99	7.29	18.45	
0609	600	10.4	2731	58.1	7.96	6.44	7.24	18.95	
0612	900	10.3	2750	65.3	7.32	19.92	7.25	19.71	
0615	1200	10.3	2741	69.2	7.01	15.31	7.26	20.15	

1. Well evacuated to dryness?	(Yes) / No	7. Time to recharge (min):	30 MIN
2. Sample Filtered?	Yes / (No)	8. Sample Time:	0645
3. Sampling Equip. Used	PERISTALTIC	9: Parameter/Container/Pres.	**See Attached COC**
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ (N/A)		
5. Sample Rate (mL/min)	100		
6. Sample Appearance:			
Turbidity	LOW	10. Other Information:	
Color	SLIGHT BROWN		
Odor	NONE		

11. Decontamination Procedures: **Alconox/DI Rinse**

12. Instrument type: **YSI ProDSS**

Calibration Date: **LAB**

Calibration Time: **LAB**

	Stnd.	Reading	Adjust.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached Lab Form for Calibration Data

Low Stress Groundwater Sampling Data Sheet

Facility Name: **DMASWA**		Sampler Name(s): **WILL NICHOLSON**
MW Identification: P-170B		Date/Time: 4/14/25 0550
Sample Number: 2		PID Readings: **N/A**
Weather Conditions: 57 20 MPH		
Wellhead Inspection: NO COMMENT		

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	30.54	7. Purge Rate (mL/min)	300
2. Intake Depth (±0.01 ft.)	40	8. Water Level Measuring Equip.	SOLINST
3. Bottom of casing (±0.01 ft.)	-	9. Purge Equipment Used	BLADDER
4. Casing Diameter (inches)	2	10. Dedicated? (Yes/No)	Yes / (No)
5. Actual Volume of Water Purged (mL)	4500	11. Immiscible layer observed	Yes / (No)
6. Purge Water Characteristics:		12. Thickness of immiscible layer	N/A
Odor: NONE Turbidity: LOW		13. Drive Gas (Air/Nitrogen)	(AIR) / NITROGEN / N/A
Color: CLEAR			

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown	Notes
0618	-	10.9	1005	-79.7	6.36	5.47	7.18	31.66	
0621	900	11.6	975	-133.9	1.02	2.41	7.08	32.90	
0624	1800	11.3	923	-148.7	0.69	12.47	7.09	33.50	
0627	2700	11.5	918	-158.3	0.50	10.00	7.09	34.73	
0630	3600	11.5	916	-161.4	0.48	13.98	7.09	35.30	
0633	4500	11.5	916	-162.4	0.53	9.37	7.10	35.51	

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	N/A
2. Sample Filtered?	Yes / (No)	8. Sample Time:	0635
3. Sampling Equip. Used	BLADDER	9: Parameter/Container/Pres.	**See Attached COC**
4. Drive Gas (Air/Nitrogen)	(AIR)/NITROGEN/ N/A		
5. Sample Rate (mL/min)	300		
6. Sample Appearance:			
Turbidity	LOW	10. Other Information:	
Color	CLEAR		
Odor	NONE		

11. Decontamination Procedures: **Alconox/DI Rinse**

12. Instrument type: **YSI ProDSS**

Calibration Date: **LAB**

Calibration Time: **LAB**

	Stnd.	Reading	Adjust.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached Lab Form for Calibration Data

TB-1 @ 0635

Low Stress Groundwater Sampling Data Sheet

HDR	Facility Name: **DMASWA**	Sampler Name(s): **WILL NICHOLSON**
	MW Identification: MW-137A	Date/Time: 4/15/25 1025
	Sample Number: 27	PID Readings: **N/A**
	Weather Conditions: 60 F CLOUDY	
	Wellhead Inspection: NO COMMENT	

Visual Inspection:

1. Survey Mark Present:	Yes / (No)	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	9.49	7. Purge Rate (mL/min)	300
2. Intake Depth (±0.01 ft.)	15	8. Water Level Measuring Equip.	SOUNDER
3. Bottom of casing (±0.01 ft.)	-	9. Purge Equipment Used	PERISTALTIC
4. Casing Diameter (inches)	2	10. Dedicated? (Yes/No)	Yes / (No)
5. Actual Volume of Water Purged (mL)	4500	11. Immiscible layer observed	Yes / (No)
6. Purge Water Characteristics:		12. Thickness of immiscible layer	N/A
Odor: NONE Turbidity	HIGH	13. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / (N/A)
Color: LIGHT BROWN			

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown	Notes
1046	-	8.3	1084	54.3	0.52	148.67	7.07	9.69	
1049	900	7.7	1065	65.5	1.90	9.69	6.96	9.89	
1052	1800	7.7	1047	72.9	1.61	5.50	6.95	10.04	
1055	2700	7.5	1043	76.7	1.52	5.35	6.94	10.22	
1058	3600	7.6	1055	82.1	1.50	6.75	6.93	10.36	
1101	4500	7.1	992	85.5	1.58	6.50	6.92	10.39	

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	N/A
2. Sample Filtered?	Yes / (No)	8. Sample Time:	1105
3. Sampling Equip. Used	PERISTALTIC	9: Parameter/Container/Pres.	**See Attached COC**
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ (N/A)		
5. Sample Rate (mL/min)	300		
6. Sample Appearance:			
Turbidity	LOW	10. Other Information:	
Color	CLEAR		
Odor	NONE		

11. Decontamination Procedures: **Alconox/DI Rinse**

12. Instrument type: **YSI ProDSS**

Calibration Date: **LAB**

Calibration Time: **LAB**

	Stnd.	Reading	Adjust.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached Lab Form for Calibration Data

TB-3 1116

Low Stress Groundwater Sampling Data Sheet

Facility Name: **DMASWA**		Sampler Name(s): **WILL NICHOLSON**
MW Identification: MW-201A		Date/Time: 4/14/25 1755
Sample Number: 13		PID Readings: **N/A**
Weather Conditions: 60° PARTLY CLOUDY		
Wellhead Inspection: NO COMMENT		

Visual Inspection:

1. Survey Mark Present:	Yes / (No)	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	11.69	7. Purge Rate (mL/min)	300
2. Intake Depth (±0.01 ft.)	16	8. Water Level Measuring Equip.	SOLINST
3. Bottom of casing (±0.01 ft.)	-	9. Purge Equipment Used	PERISTALTIC
4. Casing Diameter (inches)	2	10. Dedicated? (Yes/No)	Yes / (No)
5. Actual Volume of Water Purged (mL)	4500	11. Immiscible layer observed	Yes / (No)
6. Purge Water Characteristics:		12. Thickness of immiscible layer	N/A
Odor: NONE Turbidity: LOW		13. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / (N/A)
Color: CLEAR			

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown	Notes
1306	-	11.80	16490	1.8	6.82	21.88	6.77	11.97	
1309	900	9.6	16118	38.4	3.72	14.78	6.69	12.16	
1312	1800	9.7	16020	46.3	2.99	12.76	6.64	12.46	
1315	2700	9.7	16024	33.1	2.106	7.25	6.63	12.70	
1317	3600	9.5	16032	24.3	1.81	4.80	6.60	12.85	
1320	4500	9.4	16039	16.8	1.606	4.91	6.59	13.00	

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	N/A
2. Sample Filtered?	Yes / (No)	8. Sample Time:	1320
3. Sampling Equip. Used	PERISTALTIC	9: Parameter/Container/Pres.	**See Attached COC**
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ (N/A)		
5. Sample Rate (mL/min)	300		
6. Sample Appearance:			
Turbidity	LOW	10. Other Information:	
Color	CLEAR		
Odor	NONE		

11. Decontamination Procedures: **Alconox/DI Rinse**

12. Instrument type: **YSI ProDSS**

Calibration Date:	**LAB**	
Calibration Time:	**LAB**	
	Stnd.	Reading / Adjust.
pH	**See attached Lab Form for Calibration Data**	
Conduct.		
ORP		
D.O		
Turbidity		

Low Stress Groundwater Sampling Data Sheet

Facility Name: **DMASWA**		Sampler Name(s): **WILL NICHOLSON**
MW Identification: MW-202A		Date/Time: 4/14/25 1400
Sample Number: 15		PID Readings: **N/A**
Weather Conditions: 60F SUNNY		
Wellhead Inspection: NO COMMENT		

Visual Inspection:

1. Survey Mark Present:	Yes / (No)	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	10.54	7. Purge Rate (mL/min)	300
2. Intake Depth (±0.01 ft.)	16	8. Water Level Measuring Equip.	SOLINST
3. Bottom of casing (±0.01 ft.)	-	9. Purge Equipment Used	PERISTALTIC
4. Casing Diameter (inches)	2	10. Dedicated? (Yes/No)	Yes / (No)
5. Actual Volume of Water Purged (mL)	4500	11. Immiscible layer observed	Yes / (No)
6. Purge Water Characteristics:		12. Thickness of immiscible layer	N/A
Odor NONE Turbidity	LOW - HIGH PERIODS	13. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / (N/A)
Color LIGHT ORANGE → DEEP ORANGE			

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown	Notes
1407	-	10.6	898	61.8	9.03	470.21	7.05	11.16	
1410	900	10.1	896	43.4	7.58	220.01	7.00	11.51	
1413	1800	10.0	894	47.7	7.62	123.13	6.99	11.80	
1416	2700	10.0	892	53.1	7.64	106.41	6.94	12.15	
1419	3600	10.0	899	65.0	7.50	80.11	6.89	12.63	
1422	4500	10.0	904	68.1	7.37	52.35	6.90	12.93	

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	N/A
2. Sample Filtered?	Yes / (No)	8. Sample Time:	1425
3. Sampling Equip. Used	PERISTALTIC	9: Parameter/Container/Pres.	**See Attached COC**
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ (N/A)		
5. Sample Rate (mL/min)			
6. Sample Appearance:			
Turbidity	LOW	10. Other Information:	
Color	ORANGE		
Odor	NONE		

11. Decontamination Procedures: **Alconox/DI Rinse**

12. Instrument type: **YSI ProDSS**

Calibration Date: **LAB**

Calibration Time: **LAB**

	Stnd.	Reading	Adjust.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached Lab Form for Calibration Data

MW-104A - 22.86

MW-203A - 24.04 - LOOSE HOUSING

Low Stress Groundwater Sampling Data Sheet

Facility Name: **DMASWA**		Sampler Name(s): **WILL NICHOLSON**
MW Identification: MW-204A		Date/Time: 4/14/25 1440
Sample Number: 16		PID Readings: **N/A**
Weather Conditions: 62 CLEAR		
Wellhead Inspection: NO COMMENT		

Visual Inspection:

1. Survey Mark Present:	Yes / (No)	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	35.00	7. Purge Rate (mL/min)	300
2. Intake Depth (±0.01 ft.)	37	8. Water Level Measuring Equip.	SOLINST
3. Bottom of casing (±0.01 ft.)	-	9. Purge Equipment Used	BLADDER
4. Casing Diameter (inches)	2	10. Dedicated? (Yes/No)	Yes / (No)
5. Actual Volume of Water Purged (mL)	4500	11. Immiscible layer observed	Yes / (No)
6. Purge Water Characteristics:		12. Thickness of immiscible layer	N/A
Odor: NONE Turbidity: LOW		13. Drive Gas (Air/Nitrogen)	(AIR) / NITROGEN / N/A
Color: CLEAR			

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown	Notes
1447	-	14.4	1077	81.4	2.59	5.40	6.76	35.15	
1450	900	13.0	1066	59.8	0.51	2.95	6.77	35.18	
1453	1800	12.9	1071	52.7	0.38	2.79	6.76	35.21	
1456	2700	12.9	1075	49.1	0.28	2.48	6.76	35.24	
1459	3600	12.9	1077	48.1	0.25	2.40	6.75	35.25	
1502	4500	12.8	1076	47.6	0.22	2.37	6.75	35.25	

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	N/A	11. Decontamination Procedures:	
2. Sample Filtered?	Yes / (No)	8. Sample Time:	1505	**Alconox/DI Rinse**	
3. Sampling Equip. Used	BLADDER	9: Parameter/Container/Pres.		12. Instrument type: **YSI ProDSS**	
4. Drive Gas (Air/Nitrogen)	(AIR) /NITROGEN/ N/A	**See Attached COC**		Calibration Date:	**LAB**
5. Sample Rate (mL/min)	300			Calibration Time:	**LAB**
6. Sample Appearance:				Stnd. / Reading / Adjust.	
Turbidity	LOW	10. Other Information:		pH	
Color	CLEAR			Conduct.	**See attached Lab Form for Calibration Data**
Odor	NONE			ORP	
				D.O	
				Turbidity	

Low Stress Groundwater Sampling Data Sheet

Facility Name: **DMASWA**		Sampler Name(s): **WILL NICHOLSON**
MW Identification: MW-401A		Date/Time: 4/14/25 1150
Sample Number: 11		PID Readings: **N/A**
Weather Conditions: 60°F PARTLY CLOUDY		
Wellhead Inspection:		

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	27.21	7. Purge Rate (mL/min)	300
2. Intake Depth (±0.01 ft.)	25	8. Water Level Measuring Equip.	SOLINST
3. Bottom of casing (±0.01 ft.)	-	9. Purge Equipment Used	PERISTALTIC
4. Casing Diameter (inches)	2	10. Dedicated? (Yes/No)	Yes / (No)
5. Actual Volume of Water Purged (mL)	4500	11. Immiscible layer observed	Yes / (No)
6. Purge Water Characteristics:		12. Thickness of immiscible layer	N/A
Odor _____ Turbidity	LOW	13. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / (N/A)
Color CLEAR WITH ORANGE FLAKES			

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown	Notes
1197	-	12.8	3124	72.0	4.26	5.93	6.62	22.39	
1200	900	12.8	3231	86.2	2.17	9.78	6.67	22.47	
1203	1800	12.6	3212	85.1	1.83	7.32	6.68	22.50	
1206	2700	12.5	3125	70.5	1.46	7.61	6.69	22.52	
1209	3600	12.7	3035	50.5	1.07	5.66	6.69	22.53	
1212	4500	12.9	2991	39.9	0.96	8.81	6.69	22.53	

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	N/A
2. Sample Filtered?	Yes / (No)	8. Sample Time:	1215
3. Sampling Equip. Used	PERISTALTIC	9: Parameter/Container/Pres.	**See Attached COC**
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ (N/A)		
5. Sample Rate (mL/min)	300		
6. Sample Appearance:			
Turbidity	LOW	10. Other Information:	
Color	CLEAR		
Odor	NONE		

11. Decontamination Procedures: **Alconox/DI Rinse**

12. Instrument type: **YSI ProDSS**

Calibration Date: **LAB**

Calibration Time: **LAB**

	Stnd.	Reading	Adjust.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached Lab Form for Calibration Data

Low Stress Groundwater Sampling Data Sheet

Facility Name: **DMASWA**		Sampler Name(s): **WILL NICHOLSON**	
MW Identification:	MW-402A	Date/Time:	4/14/25 1120
Sample Number:	10	PID Readings: **N/A**	
Weather Conditions:	62° F PARTLY CLOUDY		
Wellhead Inspection:	NO COMMENT		

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	22.74	7. Purge Rate (mL/min)	300
2. Intake Depth (±0.01 ft.)	25	8. Water Level Measuring Equip.	SOLINST
3. Bottom of casing (±0.01 ft.)	-	9. Purge Equipment Used	PERISTALTIC
4. Casing Diameter (inches)	2	10. Dedicated? (Yes/No)	Yes / (No)
5. Actual Volume of Water Purged (mL)	4500	11. Immiscible layer observed	Yes / (No)
6. Purge Water Characteristics:		12. Thickness of immiscible layer	N/A
Odor: NONE Turbidity: LOW		13. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / (N/A)
Color: ORANGE PLUG - THEN CLEAR			

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown	Notes
1125	-	13.8	1219	-10.7	6.40	34.54	7.03	22.87	
1128	900	12.7	1190	-32.1	0.56	64.66	6.97	22.98	
1131	1800	12.8	1194	-40.7	0.31	59.38	6.97	23.03	
1134	2700	12.4	1194	-45.3	0.19	77.03	6.97	23.09	
1137	3600	12.6	1192	-48.8	0.13	76.13	6.98	23.12	
1140	4500	12.9	1192	-51.8	0.09	39.59	6.97	23.15	

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	N/A
2. Sample Filtered?	Yes / (No)	8. Sample Time:	1140
3. Sampling Equip. Used	PERISTALTIC	9: Parameter/Container/Pres.	**See Attached COC**
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ (N/A)		
5. Sample Rate (mL/min)	300		
6. Sample Appearance:			
Turbidity	LOW	10. Other Information:	
Color	SLIGHT ORANGE		
Odor	NONE		

11. Decontamination Procedures: **Alconox/DI Rinse**

12. Instrument type: **YSI ProDSS**

Calibration Date: **LAB**

Calibration Time: **LAB**

	Stnd.	Reading	Adjust.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached Lab Form for Calibration Data

Low Stress Groundwater Sampling Data Sheet

Facility Name: **DMASWA**		Sampler Name(s): **WILL NICHOLSON**
MW Identification: MW-403A		Date/Time: 4/14/25 1035
Sample Number: 4		PID Readings: **N/A**
Weather Conditions: 62 SUNNY		
Wellhead Inspection: NO COMMENT		

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	23.91	7. Purge Rate (mL/min)	300
2. Intake Depth (±0.01 ft.)	26	8. Water Level Measuring Equip.	SOLINST
3. Bottom of casing (±0.01 ft.)	-	9. Purge Equipment Used	PERISTALTIC
4. Casing Diameter (inches)	2	10. Dedicated? (Yes/No)	Yes / (No)
5. Actual Volume of Water Purged (mL)	4500	11. Immiscible layer observed	Yes / (No)
6. Purge Water Characteristics:		12. Thickness of immiscible layer	N/A
Odor: NONE Turbidity	LOW	13. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / (N/A)
Color: CLEAR			

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown	Notes
1044	-	12.4	1424	62.1	3.48	8.95	6.76	24.00	
1047	900	11.7	1413	67.9	0.69	10.45	6.72	24.00	
1050	1800	12.0	1413	69.7	0.28	7.47	6.71	24.00	
1053	2700	12.0	1416	71.0	0.12	5.02	6.72	24.01	
1056	3600	11.7	1417	71.9	0.08	6.52	6.72	24.01	
1059	4500	11.8	1416	72.1	0.07	7.64	6.72	24.00	

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	N/A	11. Decontamination Procedures:	
2. Sample Filtered?	Yes / (No)	8. Sample Time:	1100	**Alconox/DI Rinse**	
3. Sampling Equip. Used	PERISTALTIC	9: Parameter/Container/Pres.		12. Instrument type: **YSI ProDSS**	
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ (N/A)	**See Attached COC**		Calibration Date:	**LAB**
5. Sample Rate (mL/min)	300			Calibration Time:	**LAB**
6. Sample Appearance:				Stnd. / Reading / Adjust.	
Turbidity	LOW	10. Other Information:		pH	
Color	CLEAR			Conduct.	**See attached Lab Form for Calibration Data**
Odor	NONE			ORP	
				D.O	
				Turbidity	

P MW-403B - 26.78

Low Stress Groundwater Sampling Data Sheet

Facility Name: **DMASWA**		Sampler Name(s): **WILL NICHOLSON**
MW Identification: MW-404A		Date/Time: 4/14/25 0950
Sample Number: 8		PID Readings: **N/A**
Weather Conditions: 60s° F PARTLY CLOUDY		
Wellhead Inspection: NO COMMENT		

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	25.58	7. Purge Rate (mL/min)	300
2. Intake Depth (±0.01 ft.)	35	8. Water Level Measuring Equip.	SOLINST
3. Bottom of casing (±0.01 ft.)	-	9. Purge Equipment Used	BLADDER
4. Casing Diameter (inches)	2	10. Dedicated? (Yes/No)	Yes / (No)
5. Actual Volume of Water Purged (mL)	4500	11. Immiscible layer observed	Yes / (No)
6. Purge Water Characteristics:		12. Thickness of immiscible layer	N/A
Odor: NONE Turbidity: LOW		13. Drive Gas (Air/Nitrogen)	(AIR) / NITROGEN / N/A
Color: CLEAR			

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown	Notes
1004	-	12.5	1160	-48.7	3.55	14.09	6.94	25.67	
1007	900	12.0	1182	-35.5	0.36	4.75	6.94	25.71	
1010	1800	12.0	1179	-27.3	0.19	3.30	6.94	25.74	
1013	2700	12.0	1173	-21.0	0.13	3.30	6.94	25.78	
1016	3600	12.0	1158	-16.9	0.10	2.88	6.94	25.79	
1019	4500	12.1	1146	-13.5	0.09	2.81	6.95	25.80	

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	N/A	11. Decontamination Procedures:	
2. Sample Filtered?	Yes / (No)	8. Sample Time:	1020	**Alconox/DI Rinse**	
3. Sampling Equip. Used	BLADDER	9: Parameter/Container/Pres.		12. Instrument type: **YSI ProDSS**	
4. Drive Gas (Air/Nitrogen)	(AIR)/NITROGEN/ N/A	**See Attached COC**		Calibration Date:	**LAB**
5. Sample Rate (mL/min)	300			Calibration Time:	**LAB**
6. Sample Appearance:				Stnd. / Reading / Adjust.	
Turbidity	LOW	10. Other Information:		pH	
Color	CLEAR			Conduct.	**See attached Lab Form for Calibration Data**
Odor	NONE			ORP	
				D.O	
				Turbidity	

DUP-1 @ 1700

Low Stress Groundwater Sampling Data Sheet

HDR	Facility Name: **DMASWA**	Sampler Name(s): **WILL NICHOLSON**
	MW Identification: MW-501A	Date/Time: 4/14/25 0920
	Sample Number: 7	PID Readings: **N/A**
	Weather Conditions: 59° F CLOUDY	
	Wellhead Inspection: LOOSE HOUSING	

Visual Inspection:

1. Survey Mark Present:	Yes / (No)	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	32.51	7. Purge Rate (mL/min)	300
2. Intake Depth (±0.01 ft.)	40	8. Water Level Measuring Equip.	SOLINST
3. Bottom of casing (±0.01 ft.)	-	9. Purge Equipment Used	BLADDER
4. Casing Diameter (inches)	2	10. Dedicated? (Yes/No)	Yes / (No)
5. Actual Volume of Water Purged (mL)	4500	11. Immiscible layer observed	Yes / (No)
6. Purge Water Characteristics:		12. Thickness of immiscible layer	N/A
Odor: STRONG Turbidity: LOW		13. Drive Gas (Air/Nitrogen)	(AIR) / NITROGEN / N/A
Color: CLEAR			

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown	Notes
0927	-	11.7	1130	-51.0	8.86	13.20	6.96	32.49	
0930	900	11.9	1155	-27.1	0.83	39.31	6.87	32.49	
0933	1800	11.9	1144	-52.0	1.06	36.73	6.87	32.50	
0936	2700	12.0	1137	-88.4	1.43	28.47	6.86	32.51	
0939	3600	11.8	1133	-102.3	1.61	25.69	6.88	32.51	
0942	4500	12.0	1125	-112.4	1.89	25.37	6.89	32.52	

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	N/A
2. Sample Filtered?	Yes / (No)	8. Sample Time:	0945
3. Sampling Equip. Used	BLADDER	9: Parameter/Container/Pres.	**See Attached COC**
4. Drive Gas (Air/Nitrogen)	(AIR) /NITROGEN/ N/A		
5. Sample Rate (mL/min)	300		
6. Sample Appearance:			
Turbidity	LOW	10. Other Information:	
Color	CLEAR		
Odor	SLIGHT ORGANIC		

11. Decontamination Procedures: **Alconox/DI Rinse**

12. Instrument type: **YSI ProDSS**

Calibration Date: **LAB**

Calibration Time: **LAB**

	Stnd.	Reading	Adjust.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached Lab Form for Calibration Data

Low Stress Groundwater Sampling Data Sheet

Facility Name: **DMASWA**		Sampler Name(s): **WILL NICHOLSON**
MW Identification: MW-502A		Date/Time: 4/14/25 0840
Sample Number: 6		PID Readings: **N/A**
Weather Conditions: 58°F CLOUDY WINDY		
Wellhead Inspection: HOUSING LOOSE		

Visual Inspection:

1. Survey Mark Present:	Yes / (No)	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	41.36	7. Purge Rate (mL/min)	300
2. Intake Depth (±0.01 ft.)	45	8. Water Level Measuring Equip.	SOLINST
3. Bottom of casing (±0.01 ft.)	–	9. Purge Equipment Used	BLADDER
4. Casing Diameter (inches)	2	10. Dedicated? (Yes/No)	Yes / (No)
5. Actual Volume of Water Purged (mL)	4500	11. Immiscible layer observed	Yes / (No)
6. Purge Water Characteristics:		12. Thickness of immiscible layer	N/A
Odor: NONE Turbidity: LOW		13. Drive Gas (Air/Nitrogen)	(AIR) / NITROGEN / N/A
Color: CLEAR			

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown	Notes
0850	–	12.1	934	24.7	4.39	28.96	7.00	42.11	
0853	900	11.9	941	10.7	2.07	13.21	6.99	42.51	
0856	1800	11.9	941	5.4	0.84	10.46	6.99	42.87	
0859	2700	11.9	941	4.1	0.81	9.96	6.99	43.15	
0902	3600	11.9	941	2.2	0.72	8.93	6.99	43.32	
0905	4500	11.9	942	1.2	0.69	8.92	6.99	43.40	

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	N/A	11. Decontamination Procedures:	
2. Sample Filtered?	Yes / (No)	8. Sample Time:	0905	**Alconox/DI Rinse**	
3. Sampling Equip. Used	BLADDER	9: Parameter/Container/Pres.		12. Instrument type: **YSI ProDSS**	
4. Drive Gas (Air/Nitrogen)	(AIR)/NITROGEN/ N/A	**See Attached COC**		Calibration Date:	**LAB**
5. Sample Rate (mL/min)	300			Calibration Time:	**LAB**
6. Sample Appearance:				Stnd. / Reading / Adjust.	
Turbidity	LOW	10. Other Information:		pH	
Color	COLOR			Conduct.	**See attached Lab Form for Calibration Data**
Odor	NONE			ORP	
				D.O	
				Turbidity	

Low Stress Groundwater Sampling Data Sheet

Facility Name: **DMASWA**		Sampler Name(s): **WILL NICHOLSON**
MW Identification: P-503B		Date/Time: 4/14/25 0730
Sample Number: 4		PID Readings: **N/A**
Weather Conditions: 57° F CLOUDY 20 MPH		
Wellhead Inspection: NO NO COMMENT		

Visual Inspection:

1. Survey Mark Present:	Yes / (No)	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	39.24	7. Purge Rate (mL/min)	300
2. Intake Depth (±0.01 ft.)	42	8. Water Level Measuring Equip.	SOLINST
3. Bottom of casing (±0.01 ft.)	-	9. Purge Equipment Used	BLADDER
4. Casing Diameter (inches)	2	10. Dedicated? (Yes/No)	Yes / (No)
5. Actual Volume of Water Purged (mL)	4500	11. Immiscible layer observed	Yes / (No)
6. Purge Water Characteristics:		12. Thickness of immiscible layer	N/A
Odor NONE Turbidity	HIGH	13. Drive Gas (Air/Nitrogen)	(AIR) / NITROGEN / N/A
Color SLIGHT GRAY			

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown	Notes
0741	-	10.9	1235	-106.7	3.11	896.12	7.00	39.68	
0744	900	11.3	1078	-91.9	0.64	150.17	6.94	39.81	
0747	1800	11.3	1048	-70.8	0.68	65.50	6.93	40.04	
0750	2700	11.3	1053	-50.7	0.58	56.55	6.91	40.24	
0753	3600	11.3	1063	-40.7	0.45	91.52	6.91	40.43	
0756	4500	11.4	1063	-35.9	0.40	90.37	6.91	40.61	

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	N/A	11. Decontamination Procedures:	
2. Sample Filtered?	Yes / (No)	8. Sample Time:	0800	**Alconox/DI Rinse**	
3. Sampling Equip. Used	BLADDER	9: Parameter/Container/Pres.		12. Instrument type: **YSI ProDSS**	
4. Drive Gas (Air/Nitrogen)	(AIR) /NITROGEN/ N/A	**See Attached COC**		Calibration Date:	**LAB**
5. Sample Rate (mL/min)	300			Calibration Time:	**LAB**
6. Sample Appearance:				Stnd. / Reading / Adjust.	
Turbidity	MED	10. Other Information:		pH	
Color	SLIGHT GRAY			Conduct.	**See attached Lab Form for Calibration Data**
Odor	NONE			ORP	
				D.O	
				Turbidity	

Low Stress Groundwater Sampling Data Sheet

Facility Name: **DMASWA**		Sampler Name(s): **WILL NICHOLSON**
MW Identification: ~~MW-~~ SOUB		Date/Time: 4/14/25 0700
Sample Number: 3		PID Readings: **N/A**
Weather Conditions: 57° F CLOUDY 10 MPH		
Wellhead Inspection: NO COMMENT		

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	30.26	7. Purge Rate (mL/min)	300
2. Intake Depth (±0.01 ft.)	35	8. Water Level Measuring Equip.	SOLINST
3. Bottom of casing (±0.01 ft.)	-	9. Purge Equipment Used	BLADDER
4. Casing Diameter (inches)	2	10. Dedicated? (Yes/No)	Yes / (No)
5. Actual Volume of Water Purged (mL)	4500	11. Immiscible layer observed	Yes / (No)
6. Purge Water Characteristics:		12. Thickness of immiscible layer	N/A
Odor: CLEAR Turbidity	LOW	13. Drive Gas (Air/Nitrogen)	(AIR) / NITROGEN / N/A
Color: NONE			

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown	Notes
0705	-	11.8	1.603	-123.3	2.22	55.12	6.83	30.25	
0708	900	11.9	1.613	-144.16	0.57	37.12	6.84	30.25	
0711	1800	11.9	1.612	-135.2	0.63	25.81	6.84	30.25	
0714	2700	11.8	1.614	-123.7	0.66	18.28	6.84	30.25	
0717	3600	11.8	1.616	-120.1	0.68	14.09	6.84	30.26	
0720	4500	11.8	1.617	-119.7	0.70	13.62	6.84	30.26	

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	N/A
2. Sample Filtered?	Yes / (No)	8. Sample Time:	0720
3. Sampling Equip. Used	BLADDER	9: Parameter/Container/Pres.	**See Attached COC**
4. Drive Gas (Air/Nitrogen)	(AIR)/NITROGEN/ N/A		
5. Sample Rate (mL/min)	300		
6. Sample Appearance:			
Turbidity	LOW	10. Other Information:	
Color	CLEAR		
Odor	NONE		

11. Decontamination Procedures: **Alconox/DI Rinse**

12. Instrument type: **YSI ProDSS**

Calibration Date: **LAB**

Calibration Time: **LAB**

	Stnd.	Reading	Adjust.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached Lab Form for Calibration Data

MW-SOUA - 29.33
- NEEDS LOCK

Low Stress Groundwater Sampling Data Sheet

Facility Name: **DMASWA**		Sampler Name(s): **WILL NICHOLSON**
MW Identification: MW-305A		Date/Time: 4/14/25 0810
Sample Number: 5		PID Readings: **N/A**
Weather Conditions: 58° F CLOUDY 20 MPH		
Wellhead Inspection: NO COMMENT		

Visual Inspection:

1. Survey Mark Present:	Yes / (No)	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	23.16	7. Purge Rate (mL/min)	300
2. Intake Depth (±0.01 ft.)	40	8. Water Level Measuring Equip.	SOLINST
3. Bottom of casing (±0.01 ft.)	-	9. Purge Equipment Used	BLADDER
4. Casing Diameter (inches)	2	10. Dedicated? (Yes/No)	Yes / (No)
5. Actual Volume of Water Purged (mL)	4500	11. Immiscible layer observed	Yes / (No)
6. Purge Water Characteristics:		12. Thickness of immiscible layer	N/A
Odor: NONE Turbidity: LOW		13. Drive Gas (Air/Nitrogen)	(AIR) / NITROGEN / N/A
Color: CLEAR			

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown	Notes
0815	-	11.16	771	38.2	8.02	10.12	7.24	24.33	
0818	900	12.16	762	43.4	1.19	8.27	7.08	24.91	
0821	1800	12.7	755	42.9	7.71	9.85	7.21	26.23	
0824	2700	12.7	751	43.5	3.63	13.62	7.27	27.16	
0827	3600	12.8	748	45.6	4.63	10.01	7.33	28.58	
0830	4500	12.7	746	48.0	5.16	6.84	7.35	29.37	

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	N/A	11. Decontamination Procedures:	
2. Sample Filtered?	Yes / No	8. Sample Time:	0830	**Alconox/DI Rinse**	
3. Sampling Equip. Used	BLADDER	9: Parameter/Container/Pres.		12. Instrument type: **YSI ProDSS**	
4. Drive Gas (Air/Nitrogen)	(AIR) /NITROGEN/ N/A	**See Attached COC**		Calibration Date:	**LAB**
5. Sample Rate (mL/min)	300			Calibration Time:	**LAB**
6. Sample Appearance:				Stnd. / Reading / Adjust.	
Turbidity	LOW	10. Other Information:		pH	
Color	CLEAR			Conduct.	**See attached Lab Form for Calibration Data**
Odor	NONE			ORP	
				D.O	
				Turbidity	

Low Stress Groundwater Sampling Data Sheet

Facility Name: **DMASWA**		Sampler Name(s): **WILL NICHOLSON**
MW Identification: MW-6004		Date/Time: 4/14/25 1640
Sample Number: 19		PID Readings: **N/A**
Weather Conditions: 63 PARTLY CLOUDY		
Wellhead Inspection: NO COMMENT		

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	13.86	7. Purge Rate (mL/min)	300
2. Intake Depth (±0.01 ft.)	~~18~~ 16	8. Water Level Measuring Equip.	SOLINST
3. Bottom of casing (±0.01 ft.)	-	9. Purge Equipment Used	PERISTALTIC
4. Casing Diameter (inches)	2	10. Dedicated? (Yes/No)	Yes / (No)
5. Actual Volume of Water Purged (mL)	4500	11. Immiscible layer observed	Yes / (No)
6. Purge Water Characteristics:		12. Thickness of immiscible layer	N/A
Odor: NONE Turbidity: MED		13. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / (N/A)
Color: GRAY			

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown	Notes
1643	-	10.8	878	37.0	5.47	117.30	7.07	13.91	
1646	900	9.3	852	51.5	2.26	10.17	6.99	13.91	
1649	1800	9.0	857	61.9	2.05	10.74	6.98	13.92	
1652	2700	8.9	851	65.0	2.06	12.41	6.97	13.92	
1655	3600	8.9	850	67.8	2.07	10.93	6.95	13.92	
1658	4500	8.8	849	70.0	2.08	10.17	6.95	13.92	

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	300	11. Decontamination Procedures:	
2. Sample Filtered?	Yes / (No)	8. Sample Time:	1700	**Alconox/DI Rinse**	
3. Sampling Equip. Used	PERISTALTIC	9: Parameter/Container/Pres.		12. Instrument type: **YSI ProDSS**	
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ (N/A)	**See Attached COC**		Calibration Date:	**LAB**
5. Sample Rate (mL/min)	300			Calibration Time:	**LAB**
6. Sample Appearance:				Stnd. / Reading / Adjust.	
Turbidity	LOW	10. Other Information:		pH	
Color	CLEAR			Conduct.	**See attached Lab Form for Calibration Data**
Odor	NONE			ORP	
				D.O	
				Turbidity	

MW-6003- 5.38
MW-6002- 5.76
MW-6001- 5.87

Low Stress Groundwater Sampling Data Sheet

Facility Name: **DMASWA**		Sampler Name(s): **WILL NICHOLSON**
MW Identification: MW-60S		Date/Time: 4/14/25 1610
Sample Number: 8		PID Readings: **N/A**
Weather Conditions: 60s. CLEAR		
Wellhead Inspection: NO COMMENT		

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	12.47 ~~12.58~~	7. Purge Rate (mL/min)	300
2. Intake Depth (±0.01 ft.)	16	8. Water Level Measuring Equip.	SOLINST
3. Bottom of casing (±0.01 ft.)	-	9. Purge Equipment Used	PERISTALTIC
4. Casing Diameter (inches)	2	10. Dedicated? (Yes/No)	Yes / (No)
5. Actual Volume of Water Purged (mL)	4500	11. Immiscible layer observed	Yes / (No)
6. Purge Water Characteristics:		12. Thickness of immiscible layer	N/A
Odor: NONE Turbidity	LOW	13. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / (N/A)
Color: CLEAR			

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown	Notes
1605	-	10.6	1221	38.8	2.34	7.45	6.72	12.53	
1608	900	10.0	1230	50.2	0.45	11.85	6.74	12.56	
1621	1800	10.0	1232	54.0	0.27	6.46	6.74	12.58	
1624	2700	9.9	1229	46.3	0.15	4.82	6.76	12.58	
1627	36.00	9.9	1223	38.7	0.10	4.17	6.77	12.58	
1630	4500	9.3	1215	30.7	0.07	3.77	6.78	12.58	

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	N/A	11. Decontamination Procedures:	
2. Sample Filtered?	Yes / (No)	8. Sample Time:	1630	**Alconox/DI Rinse**	
3. Sampling Equip. Used	PERISTALTIC	9: Parameter/Container/Pres.		12. Instrument type: **YSI ProDSS**	
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ (N/A)	**See Attached COC**		Calibration Date:	**LAB**
5. Sample Rate (mL/min)	300			Calibration Time:	**LAB**
6. Sample Appearance:				Stnd. / Reading / Adjust.	
Turbidity	LOW	10. Other Information:		pH	
Color	CLEAR			Conduct.	**See attached Lab Form for Calibration Data**
Odor	NONE			ORP	
				D.O	
				Turbidity	

TB-2 @ 1630

Low Stress Groundwater Sampling Data Sheet

Facility Name: **DMASWA**		Sampler Name(s): **WILL NICHOLSON**
MW Identification:	OW-301A	Date/Time: 4/15/25
Sample Number:	26	PID Readings: **N/A**
Weather Conditions:	66°F PARTLY CLOUDY	
Wellhead Inspection:	NO COMMENT	

Visual Inspection:

1. Survey Mark Present:	Yes / (No)	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	12.45	7. Purge Rate (mL/min)	300
2. Intake Depth (±0.01 ft.)	20	8. Water Level Measuring Equip.	SOLINST
3. Bottom of casing (±0.01 ft.)	-	9. Purge Equipment Used	PERISTALTIC
4. Casing Diameter (inches)	2	10. Dedicated? (Yes/No)	Yes / (No)
5. Actual Volume of Water Purged (mL)	4500	11. Immiscible layer observed	Yes / (No)
6. Purge Water Characteristics:		12. Thickness of immiscible layer	N/A
Odor: NONE	Turbidity: LOW → HIGH	13. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / (N/A)
Color: CLEAR → LIGHT ORANGE			

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown	Notes
0956	-	9.5	1322	51.7	4.21	180.31	6.76	13.22	
0959	900	9.16	1559	-50.4	0.51	143.25	6.49	14.60	
1002	1800	9.2	1389	-43.5	0.21	114.31	6.77	14.38	
1005	2700	9.2	13446	-43.3	0.21	96.08	6.76	14.64	
1008	3600	9.0	13203	-35.1	0.10	69.37	6.74	15.01	
1011	4500	8.9	13101	-27.2	0.06	65.00	6.74	15.26	

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	N/A
2. Sample Filtered?	Yes / (No)	8. Sample Time:	1015
3. Sampling Equip. Used	PERISTALTIC	9: Parameter/Container/Pres.	**See Attached COC**
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ (N/A)		
5. Sample Rate (mL/min)	300		
6. Sample Appearance:			
Turbidity	MED	10. Other Information:	
Color	ORANGE		
Odor	NONE		

11. Decontamination Procedures: **Alconox/DI Rinse**

12. Instrument type: **YSI ProDSS**

Calibration Date: **LAB**

Calibration Time: **LAB**

	Stnd.	Reading	Adjust.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached Lab Form for Calibration Data

OW-307A- 8.71
OW-303A- 14.03
OW-302A- 33.19

Low Stress Groundwater Sampling Data Sheet

HDR	Facility Name: **DMASWA**	Sampler Name(s): **WILL NICHOLSON**
	MW Identification: OW-3669R	Date/Time: 4/15/25 0905
	Sample Number: 25	PID Readings: **N/A**
	Weather Conditions: 60° F PARTLY CLOUDY	
	Wellhead Inspection: NEEDS LOCK - HOUSING LOOSE	

Visual Inspection:

1. Survey Mark Present:	Yes / (No)	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	10.50	7. Purge Rate (mL/min)	306
2. Intake Depth (±0.01 ft.)	16	8. Water Level Measuring Equip.	SOUNST
3. Bottom of casing (±0.01 ft.)	-	9. Purge Equipment Used	PERISTALTIC
4. Casing Diameter (inches)	2	10. Dedicated? (Yes/No)	Yes / (No)
5. Actual Volume of Water Purged (mL)	4500	11. Immiscible layer observed	Yes / (No)
6. Purge Water Characteristics:		12. Thickness of immiscible layer	N/A
Odor: NONE Turbidity	LOW	13. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / (N/A)
Color: CLEAR			

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown	Notes
0917	-	9.5	967	81.9	5.81	46.15	6.86	10.85	
0920	900	8.4	973	92.7	1.62	13.12	6.82	11.60	
0923	1800	8.3	974	96.0	1.24	23.99	6.82	12.87	
0926	2700	8.4	973	96.8	1.55	30.76	6.82	13.58	
0929	3600	8.5	972	83.1	1.07	45.13	6.82	14.15	
0932	4500	8.6	972	74.2	1.01	43.11	6.82	14.22	

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	N/A
2. Sample Filtered?	Yes / (No)	8. Sample Time:	0935
3. Sampling Equip. Used	PERISTALTIC	9: Parameter/Container/Pres.	**See Attached COC**
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ (N/A)		
5. Sample Rate (mL/min)	300		
6. Sample Appearance:			
Turbidity	LOW	10. Other Information:	
Color	CLEAR		
Odor	NONE		

11. Decontamination Procedures: **Alconox/DI Rinse**

12. Instrument type: **YSI ProDSS**

Calibration Date: **LAB**

Calibration Time: **LAB**

	Stnd.	Reading	Adjust.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached Lab Form for Calibration Data

Low Stress Groundwater Sampling Data Sheet

Facility Name: **DMASWA**		Sampler Name(s): **WILL NICHOLSON**
MW Identification: GW-1		Date/Time: 4/15/25 1130
Sample Number: 29		PID Readings: **N/A**
Weather Conditions: 60 PARTLY CLOUDY		
Wellhead Inspection: N/A		

Visual Inspection:

1. Survey Mark Present:	Yes / No	5. Standing/Ponded Water:	Yes / No
2. Collision/Vandalism Damage:	Yes / No	6. Frost Heaving:	Yes / No
3. Casing Degradation:	Yes / No	7. Lock in Place:	Yes / No
4. Well Subsidence:	Yes / No		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])		7. Purge Rate (mL/min)	
2. Intake Depth (±0.01 ft.)		8. Water Level Measuring Equip.	
3. Bottom of casing (±0.01 ft.)		9. Purge Equipment Used	
4. Casing Diameter (inches)		10. Dedicated? (Yes/No)	Yes / No
5. Actual Volume of Water Purged (mL)		11. Immiscible layer observed	Yes / No
6. Purge Water Characteristics:		12. Thickness of immiscible layer	
Odor _____ Turbidity		13. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / N/A
Color _____			

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown	Notes

INADEQUATE FLOW TO SAMPLE

1. Well evacuated to dryness? Yes / No
2. Sample Filtered? Yes / No
3. Sampling Equip. Used _____
4. Drive Gas (Air/Nitrogen) AIR /NITROGEN/ N/A
5. Sample Rate (mL/min) _____
6. Sample Appearance: _____
   Turbidity _____
   Color _____
   Odor _____
7. Time to recharge (min): _____
8. Sample Time: _____
9. Parameter/Container/Pres. **See Attached COC**
10. Other Information: _____
11. Decontamination Procedures: **Alconox/DI Rinse**
12. Instrument type: **YSI ProDSS**

	Stnd.	Reading	Adjust.
Calibration Date:	**LAB**		
Calibration Time:	**LAB**		
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached Lab Form for Calibration Data

Low Stress Groundwater Sampling Data Sheet

Facility Name: **DMASWA**	Sampler Name(s): **WILL NICHOLSON**
MW Identification: 60-2	Date/Time: 4/15/25 1135
Sample Number: 30	PID Readings: **N/A**
Weather Conditions: 60°F PARTLY CLOUDY	
Wellhead Inspection: N/A	

Visual Inspection:

1. Survey Mark Present:	Yes / No	5. Standing/Ponded Water:	Yes / No
2. Collision/Vandalism Damage:	Yes / No	6. Frost Heaving:	Yes / No
3. Casing Degradation:	Yes / No	7. Lock in Place:	Yes / No
4. Well Subsidence:	Yes / No		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])		7. Purge Rate (mL/min)	
2. Intake Depth (±0.01 ft.)		8. Water Level Measuring Equip.	
3. Bottom of casing (±0.01 ft.)		9. Purge Equipment Used	
4. Casing Diameter (inches)		10. Dedicated? (Yes/No)	Yes / No
5. Actual Volume of Water Purged (mL)		11. Immiscible layer observed	Yes / No
6. Purge Water Characteristics:		12. Thickness of immiscible layer	
Odor	Turbidity	13. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / N/A
Color			

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown	Notes
			INADEQUATE FLOW TO SAMPLE						

1. Well evacuated to dryness?	Yes / No	7. Time to recharge (min):		11. Decontamination Procedures:	
2. Sample Filtered?	Yes / No	8. Sample Time:		**Alconox/DI Rinse**	
3. Sampling Equip. Used		9: Parameter/Container/Pres.		12. Instrument type: **YSI ProDSS**	
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ N/A	**See Attached COC**		Calibration Date:	**LAB**
5. Sample Rate (mL/min)				Calibration Time:	**LAB**
6. Sample Appearance:				Stnd. / Reading / Adjust.	
Turbidity		10. Other Information:		pH	
Color				Conduct.	**See attached Lab Form for Calibration Data**
Odor				ORP	
				D.O	
				Turbidity	

Low Stress Groundwater Sampling Data Sheet

Facility Name: **DMASWA**	Sampler Name(s): **WILL NICHOLSON**
MW Identification: GW-3	Date/Time: 4/15/25 1120
Sample Number: 28	PID Readings: **N/A**
Weather Conditions: 60° PARTLY CLOUDY	
Wellhead Inspection: N/A	

Visual Inspection:

1. Survey Mark Present:	Yes / No	5. Standing/Ponded Water:	Yes / No
2. Collision/Vandalism Damage:	Yes / No	6. Frost Heaving:	Yes / No
3. Casing Degradation:	Yes / No	7. Lock in Place:	Yes / No
4. Well Subsidence:	Yes / No		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])		7. Purge Rate (mL/min)	
2. Intake Depth (±0.01 ft.)		8. Water Level Measuring Equip.	
3. Bottom of casing (±0.01 ft.)		9. Purge Equipment Used	
4. Casing Diameter (inches)		10. Dedicated? (Yes/No)	Yes / No
5. Actual Volume of Water Purged (mL)		11. Immiscible layer observed	Yes / No
6. Purge Water Characteristics:		12. Thickness of immiscible layer	
Odor _____ Turbidity		13. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / N/A
Color _____			

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown	Notes
			GRAB SAMPLE						

1. Well evacuated to dryness? Yes / No
2. Sample Filtered? Yes / (No)
3. Sampling Equip. Used: GRAB
4. Drive Gas (Air/Nitrogen): AIR /NITROGEN/ N/A
5. Sample Rate (mL/min): GRAB
6. Sample Appearance:
   - Turbidity: LOW
   - Color: CLEAR
   - Odor: NONE
7. Time to recharge (min): _____
8. Sample Time: _____
9. Parameter/Container/Pres.: **See Attached COC**
10. Other Information: _____
11. Decontamination Procedures: **Alconox/DI Rinse**
12. Instrument type: **YSI ProDSS**

Calibration Date: **LAB**
Calibration Time: **LAB**

	Stnd.	Reading	Adjust.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached Lab Form for Calibration Data

geotech
Calibrated at Geotech's Colorado service center
2650 East 40th Avenue
Denver, CO 80205
(800) 833-7958 Fax: (303) 322-7242

YSI Pro DSS Calibration Certificate

Unit Number: 8403
Serial Number: 25B101883

Calibration Date 4/8/2025
Technician: Justin DeVine

Installed Probes
- ☑ Conductivity
- ☑ PH/ORP
- ☑ DO
- ☑ TURB

- ☑ Display is clear, and free of damage
- ☑ Cable and accessories are free of damage
- ☑ Firmware version is up to date.

Display Battery 100 % **Pass**
Cable Flex Test: **Pass**

Cable Length	10M	pH/ORP Serial #	24F105289	
Cable Lot #	24C104512	DO Probe Serial #	24C103460	
Cond Probe Lot #	24D100609	Turb Probe Serial #	24D100696	
Bath Temp	30.96 °C			
Meter Temp	30.9 °C			
Variance	-0.06	**Pass**		

Cond

Calibration	Reading		Buffer Lot #	Exp. Date	
1.413 mS	1.413 mS	**Pass**	4GJ1746	8/25	**Pass**

pH

Point Test	Calibration	Reading	mV	Slope		Buffer Lot #	Exp. Date	
2 Point	pH 7.00	pH 7.00	-20.6 mV			5GA0863	1/27	**Pass**
	pH 10.01	pH 10.01	-187.1 mV	166.5	**Pass**	5GA0667	1/27	**Pass**

ORP

Calibraition	Reading		Buffer Lot #	Exp. Date	
220 mV	220 mV	**Pass**	4GI0852	6/25	**Pass**

Turbidity

Zero	Reading	Variance		Cal	Reading	Variance		Buffer Lot #	Exp. Date	
0 ntu	0 ntu	0 ntu	**Pass**	124 ntu	124 ntu	0.0%	**Pass**	06	2/27	**Pass**

DO

Barometer	Calibration	Reading	Variance		Test Fluid
628.6 mmHg	82.7 %	82.7 %	0.0%	**Pass**	Water Saturated Air

Time:	Min.	Sec.	Reading		Nitrogen Lot #
	4	8	1 %	**Pass**	4GK0017

Geotech Environmental Equipment, Inc. takes pride in ensuring this instrument is tested to function as specified by the manufacturer and was calibrated in accordance to manufacturer specifications. All calibration standards used are NIST traceable. With the provided lot numbers we can provide NIST documents on request. Call us at (800) 833-7958 and we will be glad to help.

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Attachment 2

Laboratory Reports

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eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: William Nicholson
HDR Inc
8404 Indian Hills Drive
Omaha, Nebraska 68114-4049

Generated 4/25/2025 10:25:24 AM

JOB DESCRIPTION

DMASWA

JOB NUMBER

310-304315-1

Eurofins Cedar Falls
3019 Venture Way
Cedar Falls IA 50613

See page two for job notes and contact information.

my EOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing North Central, LLC Project Manager.

Authorization

Generated
4/25/2025 10:25:24 AM

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Job Narrative
310-304315-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 4/16/2025 9:20 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 4 coolers at receipt time were 0.4°C, 0.6°C, 0.6°C and 0.9°C.

GC/MS VOA
Method 8260D: The method requirement for no headspace was not met. The following volatile sample was analyzed with headspace in the sample container: TB-1 (310-304315-3).

Method 8260D: The continuing calibration verification (CCV) associated with batch 310-451876 recovered above the upper control limit for 1,1,1,2-Tetrachloroethane (27.4%D). The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported. The associated sample is:(CCV 310-451876/3).

Method 8260D: The initial calibration verification (ICV) result for batch 310-451876 was above the upper control limit. The affected analyte is: 1,1,1,2-Tetrachloroethane. Sample results were non-detects, and have been reported as qualified data.

Method 8260D: The preservative used in the sample containers provided is not compatible with one of the Method 8260 analytes requested. The following sample(s) was received preserved with hydrochloric acid. Vial preservation was pH <2 rather than pH 4-5. : TB-1 (310-304315-3), P-504B (310-304315-4), P-503B (310-304315-5), MW-505A (310-304315-6), MW-502A (310-304315-7), MW-501A (310-304315-8), MW-404A (310-304315-9), Dup-1 (310-304315-10), MW-403A (310-304315-11), MW-402A (310-304315-12), MW-401A (310-304315-13), MW-102A (310-304315-14), Dup-2 (310-304315-15), MW-201A (310-304315-16), MW-103A (310-304315-17), MW-202A (310-304315-18), MW-204A (310-304315-19), P-105B (310-304315-20), MW-605 (310-304315-21) and MW-604 (310-304315-22). The requested target analyte list includes Acrylonitrile.

Method 8260D: The preservative used in the sample containers provided is not compatible with one of the Method 8260 analytes requested. The following sample was received preserved with hydrochloric acid. Vial preservation was pH <2 rather than pH 4-5. : MW-120AR (310-304315-1), P-120B (310-304315-2), MW-108AR (310-304315-23), Dup-3 (310-304315-24), EQ-1 (310-304315-25), P-108B (310-304315-26), MW-114AR (310-304315-27), TB-2 (310-304315-28), MW-109ARR (310-304315-29), OW-306AR (310-304315-30), OW301A (310-304315-31), MW-137A (310-304315-32), GU-3 (310-304315-33), P-114BR (310-304315-34) and TB-3 (310-304315-35). The requested target analyte list includes Acrylonitrile.

Method 8260D: The initial calibration verification (ICV) result for batch 310-452071 was above the upper control limit. The affected analyte is: 1,1,1,2-Tetrachloroethane. Sample results were non-detects, and have been reported as qualified data.

Method 8260D: The continuing calibration verification (CCV) associated with batch 310-452071 recovered above the upper control limit for Trichlorofluoromethane (21.8%D). The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported. The associated sample is:(CCV 310-452071/4).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Sample Summary

Client: HDR Inc
Project/Site: DMASWA

Job ID: 310-304315-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
310-304315-1	MW-120AR	Water	04/14/25 06:45	04/16/25 09:20
310-304315-2	P-120B	Water	04/14/25 06:30	04/16/25 09:20
310-304315-3	TB-1	Water	04/14/25 06:35	04/16/25 09:20
310-304315-4	P-504B	Water	04/14/25 07:20	04/16/25 09:20
310-304315-5	P-503B	Water	04/14/25 08:00	04/16/25 09:20
310-304315-6	MW-505A	Water	04/14/25 08:30	04/16/25 09:20
310-304315-7	MW-502A	Water	04/14/25 09:05	04/16/25 09:20
310-304315-8	MW-501A	Water	04/14/25 09:45	04/16/25 09:20
310-304315-9	MW-404A	Water	04/14/25 10:20	04/16/25 09:20
310-304315-10	Dup-1	Water	04/14/25 17:00	04/16/25 09:20
310-304315-11	MW-403A	Water	04/14/25 11:00	04/16/25 09:20
310-304315-12	MW-402A	Water	04/14/25 11:40	04/16/25 09:20
310-304315-13	MW-401A	Water	04/14/25 12:15	04/16/25 09:20
310-304315-14	MW-102A	Water	04/14/25 12:45	04/16/25 09:20
310-304315-15	Dup-2	Water	04/14/25 13:30	04/16/25 09:20
310-304315-16	MW-201A	Water	04/14/25 13:20	04/16/25 09:20
310-304315-17	MW-103A	Water	04/14/25 13:50	04/16/25 09:20
310-304315-18	MW-202A	Water	04/14/25 14:25	04/16/25 09:20
310-304315-19	MW-204A	Water	04/14/25 15:05	04/16/25 09:20
310-304315-20	P-105B	Water	04/14/25 15:55	04/16/25 09:20
310-304315-21	MW-605	Water	04/14/25 16:30	04/16/25 09:20
310-304315-22	MW-604	Water	04/14/25 17:00	04/16/25 09:20
310-304315-23	MW-108AR	Water	04/15/25 06:25	04/16/25 09:20
310-304315-24	Dup-3	Water	04/15/25 13:00	04/16/25 09:20
310-304315-25	EQ-1	Water	04/15/25 06:35	04/16/25 09:20
310-304315-26	P-108B	Water	04/15/25 07:55	04/16/25 09:20
310-304315-27	MW-114AR	Water	04/15/25 08:35	04/16/25 09:20
310-304315-28	TB-2	Water	04/14/25 16:30	04/16/25 09:20
310-304315-29	MW-109ARR	Water	04/15/25 07:15	04/16/25 09:20
310-304315-30	OW-306AR	Water	04/15/25 09:35	04/16/25 09:20
310-304315-31	OW301A	Water	04/15/25 10:15	04/16/25 09:20
310-304315-32	MW-137A	Water	04/15/25 11:05	04/16/25 09:20
310-304315-33	GU-3	Water	04/15/25 11:20	04/16/25 09:20
310-304315-34	P-114BR	Water	04/15/25 09:00	04/16/25 09:20
310-304315-35	TB-3	Water	04/15/25 11:10	04/16/25 09:20

Detection Summary

Client: HDR Inc
Project/Site: DMASWA

Job ID: 310-304315-1

Client Sample ID: MW-120AR — Lab Sample ID: 310-304315-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.0340		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.00265		0.000500	0.000170	mg/L	1		6020B	Total/NA
Copper	0.00496	J	0.00500	0.00320	mg/L	1		6020B	Total/NA
Lead	0.00179		0.000500	0.000330	mg/L	1		6020B	Total/NA
Nickel	0.00862		0.00500	0.00230	mg/L	1		6020B	Total/NA
Zinc	0.0307		0.0200	0.0130	mg/L	1		6020B	Total/NA
Total Suspended Solids	9.00		1.88	1.31	mg/L	1		I-3765-85	Total/NA

Client Sample ID: P-120B — Lab Sample ID: 310-304315-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.0252		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.00123		0.000500	0.000170	mg/L	1		6020B	Total/NA
Total Suspended Solids	3.00		1.88	1.31	mg/L	1		I-3765-85	Total/NA

Client Sample ID: TB-1 — Lab Sample ID: 310-304315-3

No Detections.

Client Sample ID: P-504B — Lab Sample ID: 310-304315-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.000601	J	0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.298		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.00661		0.000500	0.000170	mg/L	1		6020B	Total/NA
Nickel	0.00814		0.00500	0.00230	mg/L	1		6020B	Total/NA
Total Suspended Solids	23.0		2.50	1.75	mg/L	1		I-3765-85	Total/NA

Client Sample ID: P-503B — Lab Sample ID: 310-304315-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	3.35	J	10.0	3.10	ug/L	1		8260D	Total/NA
Barium	0.122		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cadmium	0.000254		0.000200	0.000100	mg/L	1		6020B	Total/NA
Chromium	0.00279	J	0.00500	0.00180	mg/L	1		6020B	Total/NA
Cobalt	0.00475		0.000500	0.000170	mg/L	1		6020B	Total/NA
Copper	0.00722		0.00500	0.00320	mg/L	1		6020B	Total/NA
Lead	0.00126		0.000500	0.000330	mg/L	1		6020B	Total/NA
Nickel	0.00806		0.00500	0.00230	mg/L	1		6020B	Total/NA
Vanadium	0.00309	J	0.00500	0.00170	mg/L	1		6020B	Total/NA
Total Suspended Solids	89.3		3.75	2.63	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-505A — Lab Sample ID: 310-304315-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.0966		0.00200	0.000660	mg/L	1		6020B	Total/NA
Chromium	0.00228	J	0.00500	0.00180	mg/L	1		6020B	Total/NA
Cobalt	0.000618		0.000500	0.000170	mg/L	1		6020B	Total/NA
Total Suspended Solids	6.12		1.88	1.31	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-502A — Lab Sample ID: 310-304315-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.0242		0.00200	0.000660	mg/L	1		6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: HDR Inc
Project/Site: DMASWA

Job ID: 310-304315-1

Client Sample ID: MW-502A (Continued) — Lab Sample ID: 310-304315-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	0.000344	J	0.000500	0.000170	mg/L	1		6020B	Total/NA
Total Suspended Solids	4.13		1.88	1.31	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-501A — Lab Sample ID: 310-304315-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.0803		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.00310		0.000500	0.000170	mg/L	1		6020B	Total/NA
Nickel	0.00419	J	0.00500	0.00230	mg/L	1		6020B	Total/NA
Total Suspended Solids	28.9		1.88	1.31	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-404A — Lab Sample ID: 310-304315-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.0720		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.00102		0.000500	0.000170	mg/L	1		6020B	Total/NA
Total Suspended Solids	3.87		1.88	1.31	mg/L	1		I-3765-85	Total/NA

Client Sample ID: Dup-1 — Lab Sample ID: 310-304315-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.0706		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.000988		0.000500	0.000170	mg/L	1		6020B	Total/NA
Total Suspended Solids	2.63		1.88	1.31	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-403A — Lab Sample ID: 310-304315-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.175		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.000392	J	0.000500	0.000170	mg/L	1		6020B	Total/NA

Client Sample ID: MW-402A — Lab Sample ID: 310-304315-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.00211		0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.0702		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.000990		0.000500	0.000170	mg/L	1		6020B	Total/NA
Total Suspended Solids	11.7		2.50	1.75	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-401A — Lab Sample ID: 310-304315-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.882	J	1.00	0.210	ug/L	1		8260D	Total/NA
1,1-Dichloroethane	0.321	J	1.00	0.220	ug/L	1		8260D	Total/NA
Barium	0.271		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.00210		0.000500	0.000170	mg/L	1		6020B	Total/NA
Nickel	0.00288	J	0.00500	0.00230	mg/L	1		6020B	Total/NA
Total Suspended Solids	3.13		1.88	1.31	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-102A — Lab Sample ID: 310-304315-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	0.492	J	1.00	0.180	ug/L	1		8260D	Total/NA
Arsenic	0.0131		0.00200	0.000530	mg/L	1		6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: HDR Inc
Project/Site: DMASWA

Job ID: 310-304315-1

Client Sample ID: MW-102A (Continued) — Lab Sample ID: 310-304315-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.434		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.00165		0.000500	0.000170	mg/L	1		6020B	Total/NA
Nickel	0.00240	J	0.00500	0.00230	mg/L	1		6020B	Total/NA
Total Suspended Solids	53.0		15.0	10.5	mg/L	1		I-3765-85	Total/NA

Client Sample ID: Dup-2 — Lab Sample ID: 310-304315-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	0.522	J	1.00	0.180	ug/L	1		8260D	Total/NA
Arsenic	0.0134		0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.439		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.00166		0.000500	0.000170	mg/L	1		6020B	Total/NA
Nickel	0.00235	J	0.00500	0.00230	mg/L	1		6020B	Total/NA
Total Suspended Solids	54.0		15.0	10.5	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-201A — Lab Sample ID: 310-304315-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.457	J	1.00	0.210	ug/L	1		8260D	Total/NA
1,1-Dichloroethane	0.864	J	1.00	0.220	ug/L	1		8260D	Total/NA
Arsenic	0.000679	J	0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.345		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.00118		0.000500	0.000170	mg/L	1		6020B	Total/NA
Copper	0.00393	J	0.00500	0.00320	mg/L	1		6020B	Total/NA
Total Suspended Solids	3.75		1.88	1.31	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-103A — Lab Sample ID: 310-304315-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.110		0.00200	0.000660	mg/L	1		6020B	Total/NA
Total Suspended Solids	1.75	J	1.88	1.31	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-202A — Lab Sample ID: 310-304315-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.0115		0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.406		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.00103		0.000500	0.000170	mg/L	1		6020B	Total/NA
Copper	0.00711		0.00500	0.00320	mg/L	1		6020B	Total/NA
Nickel	0.00496	J	0.00500	0.00230	mg/L	1		6020B	Total/NA
Total Suspended Solids	35.5		3.75	2.63	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-204A — Lab Sample ID: 310-304315-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.305		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.00304		0.000500	0.000170	mg/L	1		6020B	Total/NA
Copper	0.00396	J	0.00500	0.00320	mg/L	1		6020B	Total/NA
Nickel	0.0171		0.00500	0.00230	mg/L	1		6020B	Total/NA

Client Sample ID: P-105B — Lab Sample ID: 310-304315-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.00123	J	0.00200	0.000530	mg/L	1		6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Cedar Falls

Client Sample ID: P-105B (Continued) — Lab Sample ID: 310-304315-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.185		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.000237	J	0.000500	0.000170	mg/L	1		6020B	Total/NA
Copper	0.00511		0.00500	0.00320	mg/L	1		6020B	Total/NA
Total Suspended Solids	1.50	J	1.88	1.31	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-605 — Lab Sample ID: 310-304315-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.000640	J B	0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.219		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.00149		0.000500	0.000170	mg/L	1		6020B	Total/NA
Nickel	0.00563		0.00500	0.00230	mg/L	1		6020B	Total/NA
Total Suspended Solids	1.38	J	1.88	1.31	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-604 — Lab Sample ID: 310-304315-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.000561	J B	0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.192		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.000173	J	0.000500	0.000170	mg/L	1		6020B	Total/NA

Client Sample ID: MW-108AR — Lab Sample ID: 310-304315-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.000939	J B	0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.169		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.00121		0.000500	0.000170	mg/L	1		6020B	Total/NA
Lead	0.000360	J	0.000500	0.000330	mg/L	1		6020B	Total/NA
Nickel	0.00314	J	0.00500	0.00230	mg/L	1		6020B	Total/NA
Total Suspended Solids	3.13		1.88	1.31	mg/L	1		I-3765-85	Total/NA

Client Sample ID: Dup-3 — Lab Sample ID: 310-304315-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.000797	J B	0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.174		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.00118		0.000500	0.000170	mg/L	1		6020B	Total/NA
Nickel	0.00317	J	0.00500	0.00230	mg/L	1		6020B	Total/NA
Total Suspended Solids	3.00		1.88	1.31	mg/L	1		I-3765-85	Total/NA

Client Sample ID: EQ-1 — Lab Sample ID: 310-304315-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.00141	J	0.00200	0.000660	mg/L	1		6020B	Total/NA
Total Suspended Solids	4.88		1.88	1.31	mg/L	1		I-3765-85	Total/NA

Client Sample ID: P-108B — Lab Sample ID: 310-304315-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.181		0.00200	0.000660	mg/L	1		6020B	Total/NA
Lead	0.000766		0.000500	0.000330	mg/L	1		6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: HDR Inc
Project/Site: DMASWA

Job ID: 310-304315-1

Client Sample ID: MW-114AR — Lab Sample ID: 310-304315-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.122		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.000226	J	0.000500	0.000170	mg/L	1		6020B	Total/NA
Selenium	0.00192	J	0.00500	0.00140	mg/L	1		6020B	Total/NA
Total Suspended Solids	34.1		1.88	1.31	mg/L	1		I-3765-85	Total/NA

Client Sample ID: TB-2 — Lab Sample ID: 310-304315-28

No Detections.

Client Sample ID: MW-109ARR — Lab Sample ID: 310-304315-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	3.68	J	10.0	3.10	ug/L	1		8260D	Total/NA
Arsenic	0.0104		0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.360		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.00149		0.000500	0.000170	mg/L	1		6020B	Total/NA
Total Suspended Solids	26.5		7.50	5.25	mg/L	1		I-3765-85	Total/NA

Client Sample ID: OW-306AR — Lab Sample ID: 310-304315-30

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.00110	J B	0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.122		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.000885		0.000500	0.000170	mg/L	1		6020B	Total/NA
Lead	0.000873		0.000500	0.000330	mg/L	1		6020B	Total/NA
Nickel	0.00346	J	0.00500	0.00230	mg/L	1		6020B	Total/NA
Vanadium	0.00180	J	0.00500	0.00170	mg/L	1		6020B	Total/NA
Zinc	0.0149	J	0.0200	0.0130	mg/L	1		6020B	Total/NA
Total Suspended Solids	39.2		3.00	2.10	mg/L	1		I-3765-85	Total/NA

Client Sample ID: OW301A — Lab Sample ID: 310-304315-31

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.420	J	0.500	0.220	ug/L	1		8260D	Total/NA
1,1-Dichloroethane	0.296	J	1.00	0.220	ug/L	1		8260D	Total/NA
Arsenic	0.00400		0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.352		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.00111		0.000500	0.000170	mg/L	1		6020B	Total/NA
Total Suspended Solids	16.0		7.50	5.25	mg/L	1		I-3765-85	Total/NA

Client Sample ID: MW-137A — Lab Sample ID: 310-304315-32

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.000818	J B	0.00200	0.000530	mg/L	1		6020B	Total/NA
Barium	0.119		0.00200	0.000660	mg/L	1		6020B	Total/NA
Cobalt	0.000345	J	0.000500	0.000170	mg/L	1		6020B	Total/NA
Lead	0.000511		0.000500	0.000330	mg/L	1		6020B	Total/NA
Nickel	0.00337	J	0.00500	0.00230	mg/L	1		6020B	Total/NA
Total Suspended Solids	4.38		1.88	1.31	mg/L	1		I-3765-85	Total/NA

Client Sample ID: GU-3 — Lab Sample ID: 310-304315-33

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.110		0.00200	0.000660	mg/L	1		6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Cedar Falls

Detection Summary

Client: HDR Inc
Project/Site: DMASWA

Job ID: 310-304315-1

Client Sample ID: GU-3 (Continued) — Lab Sample ID: 310-304315-33

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	0.000184	J	0.000500	0.000170	mg/L	1		6020B	Total/NA

Client Sample ID: P-114BR — Lab Sample ID: 310-304315-34

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.196		0.00200	0.000660	mg/L	1		6020B	Total/NA

Client Sample ID: TB-3 — Lab Sample ID: 310-304315-35

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-120AR

Date Collected: 04/14/25 06:45
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-1

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<3.10		10.0	3.10	ug/L			04/19/25 23:49	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			04/19/25 23:49	1
Benzene	<0.220		0.500	0.220	ug/L			04/19/25 23:49	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			04/19/25 23:49	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			04/19/25 23:49	1
Bromoform	<0.780		5.00	0.780	ug/L			04/19/25 23:49	1
Bromomethane	<1.10		4.00	1.10	ug/L			04/19/25 23:49	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			04/19/25 23:49	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			04/19/25 23:49	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			04/19/25 23:49	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			04/19/25 23:49	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			04/19/25 23:49	1
Chloroethane	<0.790		4.00	0.790	ug/L			04/19/25 23:49	1
Chloroform	<1.30		3.00	1.30	ug/L			04/19/25 23:49	1
Chloromethane	<0.610		3.00	0.610	ug/L			04/19/25 23:49	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			04/19/25 23:49	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			04/19/25 23:49	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			04/19/25 23:49	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			04/19/25 23:49	1
Dibromomethane	<0.330		1.00	0.330	ug/L			04/19/25 23:49	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			04/19/25 23:49	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			04/19/25 23:49	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			04/19/25 23:49	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			04/19/25 23:49	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			04/19/25 23:49	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			04/19/25 23:49	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			04/19/25 23:49	1
2-Hexanone	<2.00		10.0	2.00	ug/L			04/19/25 23:49	1
Iodomethane	<7.00		10.0	7.00	ug/L			04/19/25 23:49	1
Methylene chloride	<1.70		5.00	1.70	ug/L			04/19/25 23:49	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			04/19/25 23:49	1
Styrene	<0.370		1.00	0.370	ug/L			04/19/25 23:49	1
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			04/19/25 23:49	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			04/19/25 23:49	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			04/19/25 23:49	1
Toluene	<0.430		1.00	0.430	ug/L			04/19/25 23:49	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			04/19/25 23:49	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			04/19/25 23:49	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			04/19/25 23:49	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			04/19/25 23:49	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			04/19/25 23:49	1
Trichloroethene	<0.430		1.00	0.430	ug/L			04/19/25 23:49	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			04/19/25 23:49	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			04/19/25 23:49	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			04/19/25 23:49	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			04/19/25 23:49	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			04/19/25 23:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*80 - 120*		*04/19/25 23:49*	*1*

Client: HDR Inc
Project/Site: DMASWA

Job ID: 310-304315-1

Client Sample ID: MW-120AR
Date Collected: 04/14/25 06:45
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-1
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*117*		*73 - 130*		*04/19/25 23:49*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*04/19/25 23:49*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		04/17/25 09:00	04/21/25 18:15	1
Arsenic	<0.000530		0.00200	0.000530	mg/L		04/17/25 09:00	04/21/25 18:15	1
Barium	**0.0340**		0.00200	0.000660	mg/L		04/17/25 09:00	04/21/25 18:15	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		04/17/25 09:00	04/21/25 18:15	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		04/17/25 09:00	04/21/25 18:15	1
Chromium	<0.00180		0.00500	0.00180	mg/L		04/17/25 09:00	04/21/25 18:15	1
Cobalt	**0.00265**		0.000500	0.000170	mg/L		04/17/25 09:00	04/21/25 18:15	1
Copper	**0.00496**	**J**	0.00500	0.00320	mg/L		04/17/25 09:00	04/21/25 18:15	1
Lead	**0.00179**		0.000500	0.000330	mg/L		04/17/25 09:00	04/21/25 18:15	1
Nickel	**0.00862**		0.00500	0.00230	mg/L		04/17/25 09:00	04/21/25 18:15	1
Selenium	<0.00140		0.00500	0.00140	mg/L		04/17/25 09:00	04/21/25 18:15	1
Silver	<0.000500		0.00100	0.000500	mg/L		04/17/25 09:00	04/21/25 18:15	1
Thallium	<0.000570		0.00100	0.000570	mg/L		04/17/25 09:00	04/21/25 18:15	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		04/17/25 09:00	04/21/25 18:15	1
Zinc	**0.0307**		0.0200	0.0130	mg/L		04/17/25 09:00	04/21/25 18:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**9.00**		1.88	1.31	mg/L			04/17/25 12:19	1

Client: HDR Inc
Project/Site: DMASWA

Job ID: 310-304315-1

Client Sample ID: P-120B

Date Collected: 04/14/25 06:30
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-2

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<3.10		10.0	3.10	ug/L			04/20/25 00:11	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			04/20/25 00:11	1
Benzene	<0.220		0.500	0.220	ug/L			04/20/25 00:11	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			04/20/25 00:11	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			04/20/25 00:11	1
Bromoform	<0.780		5.00	0.780	ug/L			04/20/25 00:11	1
Bromomethane	<1.10		4.00	1.10	ug/L			04/20/25 00:11	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			04/20/25 00:11	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			04/20/25 00:11	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			04/20/25 00:11	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			04/20/25 00:11	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			04/20/25 00:11	1
Chloroethane	<0.790		4.00	0.790	ug/L			04/20/25 00:11	1
Chloroform	<1.30		3.00	1.30	ug/L			04/20/25 00:11	1
Chloromethane	<0.610		3.00	0.610	ug/L			04/20/25 00:11	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			04/20/25 00:11	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			04/20/25 00:11	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			04/20/25 00:11	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			04/20/25 00:11	1
Dibromomethane	<0.330		1.00	0.330	ug/L			04/20/25 00:11	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			04/20/25 00:11	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			04/20/25 00:11	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			04/20/25 00:11	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			04/20/25 00:11	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			04/20/25 00:11	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			04/20/25 00:11	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			04/20/25 00:11	1
2-Hexanone	<2.00		10.0	2.00	ug/L			04/20/25 00:11	1
Iodomethane	<7.00		10.0	7.00	ug/L			04/20/25 00:11	1
Methylene chloride	<1.70		5.00	1.70	ug/L			04/20/25 00:11	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			04/20/25 00:11	1
Styrene	<0.370		1.00	0.370	ug/L			04/20/25 00:11	1
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			04/20/25 00:11	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			04/20/25 00:11	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			04/20/25 00:11	1
Toluene	<0.430		1.00	0.430	ug/L			04/20/25 00:11	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			04/20/25 00:11	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			04/20/25 00:11	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			04/20/25 00:11	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			04/20/25 00:11	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			04/20/25 00:11	1
Trichloroethene	<0.430		1.00	0.430	ug/L			04/20/25 00:11	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			04/20/25 00:11	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			04/20/25 00:11	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			04/20/25 00:11	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			04/20/25 00:11	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			04/20/25 00:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*80 - 120*		*04/20/25 00:11*	*1*

Client Sample ID: P-120B

Date Collected: 04/14/25 06:30
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-2

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*116*		*73 - 130*		*04/20/25 00:11*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*04/20/25 00:11*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		04/17/25 09:00	04/21/25 18:29	1
Arsenic	<0.000530		0.00200	0.000530	mg/L		04/17/25 09:00	04/21/25 18:29	1
Barium	**0.0252**		0.00200	0.000660	mg/L		04/17/25 09:00	04/21/25 18:29	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		04/17/25 09:00	04/21/25 18:29	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		04/17/25 09:00	04/21/25 18:29	1
Chromium	<0.00180		0.00500	0.00180	mg/L		04/17/25 09:00	04/21/25 18:29	1
Cobalt	**0.00123**		0.000500	0.000170	mg/L		04/17/25 09:00	04/21/25 18:29	1
Copper	<0.00320		0.00500	0.00320	mg/L		04/17/25 09:00	04/21/25 18:29	1
Lead	<0.000330		0.000500	0.000330	mg/L		04/17/25 09:00	04/21/25 18:29	1
Nickel	<0.00230		0.00500	0.00230	mg/L		04/17/25 09:00	04/21/25 18:29	1
Selenium	<0.00140		0.00500	0.00140	mg/L		04/17/25 09:00	04/21/25 18:29	1
Silver	<0.000500		0.00100	0.000500	mg/L		04/17/25 09:00	04/21/25 18:29	1
Thallium	<0.000570		0.00100	0.000570	mg/L		04/17/25 09:00	04/21/25 18:29	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		04/17/25 09:00	04/21/25 18:29	1
Zinc	<0.0130		0.0200	0.0130	mg/L		04/17/25 09:00	04/21/25 18:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**3.00**		1.88	1.31	mg/L			04/17/25 11:41	1

Client: HDR Inc
Project/Site: DMASWA

Job ID: 310-304315-1

Client Sample ID: TB-1

Date Collected: 04/14/25 06:35
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-3

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<3.10		10.0	3.10	ug/L			04/18/25 10:58	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			04/18/25 10:58	1
Benzene	<0.220		0.500	0.220	ug/L			04/18/25 10:58	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			04/18/25 10:58	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			04/18/25 10:58	1
Bromoform	<0.780		5.00	0.780	ug/L			04/18/25 10:58	1
Bromomethane	<1.10		4.00	1.10	ug/L			04/18/25 10:58	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			04/18/25 10:58	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			04/18/25 10:58	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			04/18/25 10:58	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			04/18/25 10:58	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			04/18/25 10:58	1
Chloroethane	<0.790		4.00	0.790	ug/L			04/18/25 10:58	1
Chloroform	<1.30		3.00	1.30	ug/L			04/18/25 10:58	1
Chloromethane	<0.610		3.00	0.610	ug/L			04/18/25 10:58	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			04/18/25 10:58	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			04/18/25 10:58	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			04/18/25 10:58	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			04/18/25 10:58	1
Dibromomethane	<0.330		1.00	0.330	ug/L			04/18/25 10:58	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			04/18/25 10:58	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			04/18/25 10:58	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			04/18/25 10:58	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			04/18/25 10:58	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			04/18/25 10:58	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			04/18/25 10:58	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			04/18/25 10:58	1
2-Hexanone	<2.00		10.0	2.00	ug/L			04/18/25 10:58	1
Iodomethane	<7.00		10.0	7.00	ug/L			04/18/25 10:58	1
Methylene chloride	<1.70		5.00	1.70	ug/L			04/18/25 10:58	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			04/18/25 10:58	1
Styrene	<0.370		1.00	0.370	ug/L			04/18/25 10:58	1
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			04/18/25 10:58	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			04/18/25 10:58	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			04/18/25 10:58	1
Toluene	<0.430		1.00	0.430	ug/L			04/18/25 10:58	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			04/18/25 10:58	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			04/18/25 10:58	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			04/18/25 10:58	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			04/18/25 10:58	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			04/18/25 10:58	1
Trichloroethene	<0.430		1.00	0.430	ug/L			04/18/25 10:58	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			04/18/25 10:58	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			04/18/25 10:58	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			04/18/25 10:58	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			04/18/25 10:58	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			04/18/25 10:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*80 - 120*		*04/18/25 10:58*	*1*

Client: HDR Inc
Project/Site: DMASWA

Job ID: 310-304315-1

Client Sample ID: TB-1
Date Collected: 04/14/25 06:35
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-3
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	*110*		*73 - 130*		*04/18/25 10:58*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*04/18/25 10:58*	*1*

Client: HDR Inc
Project/Site: DMASWA

Job ID: 310-304315-1

Client Sample ID: P-504B

Date Collected: 04/14/25 07:20
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-4

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<3.10		10.0	3.10	ug/L			04/18/25 11:20	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			04/18/25 11:20	1
Benzene	<0.220		0.500	0.220	ug/L			04/18/25 11:20	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			04/18/25 11:20	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			04/18/25 11:20	1
Bromoform	<0.780		5.00	0.780	ug/L			04/18/25 11:20	1
Bromomethane	<1.10		4.00	1.10	ug/L			04/18/25 11:20	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			04/18/25 11:20	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			04/18/25 11:20	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			04/18/25 11:20	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			04/18/25 11:20	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			04/18/25 11:20	1
Chloroethane	<0.790		4.00	0.790	ug/L			04/18/25 11:20	1
Chloroform	<1.30		3.00	1.30	ug/L			04/18/25 11:20	1
Chloromethane	<0.610		3.00	0.610	ug/L			04/18/25 11:20	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			04/18/25 11:20	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			04/18/25 11:20	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			04/18/25 11:20	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			04/18/25 11:20	1
Dibromomethane	<0.330		1.00	0.330	ug/L			04/18/25 11:20	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			04/18/25 11:20	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			04/18/25 11:20	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			04/18/25 11:20	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			04/18/25 11:20	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			04/18/25 11:20	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			04/18/25 11:20	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			04/18/25 11:20	1
2-Hexanone	<2.00		10.0	2.00	ug/L			04/18/25 11:20	1
Iodomethane	<7.00		10.0	7.00	ug/L			04/18/25 11:20	1
Methylene chloride	<1.70		5.00	1.70	ug/L			04/18/25 11:20	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			04/18/25 11:20	1
Styrene	<0.370		1.00	0.370	ug/L			04/18/25 11:20	1
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			04/18/25 11:20	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			04/18/25 11:20	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			04/18/25 11:20	1
Toluene	<0.430		1.00	0.430	ug/L			04/18/25 11:20	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			04/18/25 11:20	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			04/18/25 11:20	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			04/18/25 11:20	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			04/18/25 11:20	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			04/18/25 11:20	1
Trichloroethene	<0.430		1.00	0.430	ug/L			04/18/25 11:20	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			04/18/25 11:20	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			04/18/25 11:20	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			04/18/25 11:20	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			04/18/25 11:20	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			04/18/25 11:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*		*04/18/25 11:20*	*1*

Client: HDR Inc
Project/Site: DMASWA

Job ID: 310-304315-1

Client Sample ID: P-504B

Date Collected: 04/14/25 07:20
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-4

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*115*		*73 - 130*		*04/18/25 11:20*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*04/18/25 11:20*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		04/17/25 09:00	04/21/25 18:32	1
Arsenic	**0.000601**	**J**	0.00200	0.000530	mg/L		04/17/25 09:00	04/21/25 18:32	1
Barium	**0.298**		0.00200	0.000660	mg/L		04/17/25 09:00	04/21/25 18:32	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		04/17/25 09:00	04/21/25 18:32	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		04/17/25 09:00	04/21/25 18:32	1
Chromium	<0.00180		0.00500	0.00180	mg/L		04/17/25 09:00	04/21/25 18:32	1
Cobalt	**0.00661**		0.000500	0.000170	mg/L		04/17/25 09:00	04/21/25 18:32	1
Copper	<0.00320		0.00500	0.00320	mg/L		04/17/25 09:00	04/21/25 18:32	1
Lead	<0.000330		0.000500	0.000330	mg/L		04/17/25 09:00	04/21/25 18:32	1
Nickel	**0.00814**		0.00500	0.00230	mg/L		04/17/25 09:00	04/21/25 18:32	1
Selenium	<0.00140		0.00500	0.00140	mg/L		04/17/25 09:00	04/21/25 18:32	1
Silver	<0.000500		0.00100	0.000500	mg/L		04/17/25 09:00	04/21/25 18:32	1
Thallium	<0.000570		0.00100	0.000570	mg/L		04/17/25 09:00	04/21/25 18:32	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		04/17/25 09:00	04/21/25 18:32	1
Zinc	<0.0130		0.0200	0.0130	mg/L		04/17/25 09:00	04/21/25 18:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**23.0**		2.50	1.75	mg/L			04/17/25 12:19	1

Client Sample ID: P-503B

Date Collected: 04/14/25 08:00
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-5

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.35	J	10.0	3.10	ug/L			04/18/25 11:43	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			04/18/25 11:43	1
Benzene	<0.220		0.500	0.220	ug/L			04/18/25 11:43	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			04/18/25 11:43	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			04/18/25 11:43	1
Bromoform	<0.780		5.00	0.780	ug/L			04/18/25 11:43	1
Bromomethane	<1.10		4.00	1.10	ug/L			04/18/25 11:43	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			04/18/25 11:43	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			04/18/25 11:43	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			04/18/25 11:43	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			04/18/25 11:43	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			04/18/25 11:43	1
Chloroethane	<0.790		4.00	0.790	ug/L			04/18/25 11:43	1
Chloroform	<1.30		3.00	1.30	ug/L			04/18/25 11:43	1
Chloromethane	<0.610		3.00	0.610	ug/L			04/18/25 11:43	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			04/18/25 11:43	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			04/18/25 11:43	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			04/18/25 11:43	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			04/18/25 11:43	1
Dibromomethane	<0.330		1.00	0.330	ug/L			04/18/25 11:43	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			04/18/25 11:43	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			04/18/25 11:43	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			04/18/25 11:43	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			04/18/25 11:43	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			04/18/25 11:43	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			04/18/25 11:43	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			04/18/25 11:43	1
2-Hexanone	<2.00		10.0	2.00	ug/L			04/18/25 11:43	1
Iodomethane	<7.00		10.0	7.00	ug/L			04/18/25 11:43	1
Methylene chloride	<1.70		5.00	1.70	ug/L			04/18/25 11:43	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			04/18/25 11:43	1
Styrene	<0.370		1.00	0.370	ug/L			04/18/25 11:43	1
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			04/18/25 11:43	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			04/18/25 11:43	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			04/18/25 11:43	1
Toluene	<0.430		1.00	0.430	ug/L			04/18/25 11:43	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			04/18/25 11:43	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			04/18/25 11:43	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			04/18/25 11:43	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			04/18/25 11:43	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			04/18/25 11:43	1
Trichloroethene	<0.430		1.00	0.430	ug/L			04/18/25 11:43	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			04/18/25 11:43	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			04/18/25 11:43	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			04/18/25 11:43	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			04/18/25 11:43	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			04/18/25 11:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*		*04/18/25 11:43*	*1*

Client Sample ID: P-503B
Date Collected: 04/14/25 08:00
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-5
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*114*		*73 - 130*		*04/18/25 11:43*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*04/18/25 11:43*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		04/17/25 09:00	04/21/25 18:35	1
Arsenic	<0.000530		0.00200	0.000530	mg/L		04/17/25 09:00	04/21/25 18:35	1
Barium	**0.122**		0.00200	0.000660	mg/L		04/17/25 09:00	04/21/25 18:35	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		04/17/25 09:00	04/21/25 18:35	1
Cadmium	**0.000254**		0.000200	0.000100	mg/L		04/17/25 09:00	04/21/25 18:35	1
Chromium	**0.00279**	**J**	0.00500	0.00180	mg/L		04/17/25 09:00	04/21/25 18:35	1
Cobalt	**0.00475**		0.000500	0.000170	mg/L		04/17/25 09:00	04/21/25 18:35	1
Copper	**0.00722**		0.00500	0.00320	mg/L		04/17/25 09:00	04/21/25 18:35	1
Lead	**0.00126**		0.000500	0.000330	mg/L		04/17/25 09:00	04/21/25 18:35	1
Nickel	**0.00806**		0.00500	0.00230	mg/L		04/17/25 09:00	04/21/25 18:35	1
Selenium	<0.00140		0.00500	0.00140	mg/L		04/17/25 09:00	04/21/25 18:35	1
Silver	<0.000500		0.00100	0.000500	mg/L		04/17/25 09:00	04/21/25 18:35	1
Thallium	<0.000570		0.00100	0.000570	mg/L		04/17/25 09:00	04/21/25 18:35	1
Vanadium	**0.00309**	**J**	0.00500	0.00170	mg/L		04/17/25 09:00	04/21/25 18:35	1
Zinc	<0.0130		0.0200	0.0130	mg/L		04/17/25 09:00	04/21/25 18:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**89.3**		3.75	2.63	mg/L			04/17/25 12:19	1

Client: HDR Inc
Project/Site: DMASWA

Job ID: 310-304315-1

Client Sample ID: MW-505A

Date Collected: 04/14/25 08:30
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-6

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<3.10		10.0	3.10	ug/L			04/18/25 12:06	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			04/18/25 12:06	1
Benzene	<0.220		0.500	0.220	ug/L			04/18/25 12:06	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			04/18/25 12:06	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			04/18/25 12:06	1
Bromoform	<0.780		5.00	0.780	ug/L			04/18/25 12:06	1
Bromomethane	<1.10		4.00	1.10	ug/L			04/18/25 12:06	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			04/18/25 12:06	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			04/18/25 12:06	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			04/18/25 12:06	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			04/18/25 12:06	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			04/18/25 12:06	1
Chloroethane	<0.790		4.00	0.790	ug/L			04/18/25 12:06	1
Chloroform	<1.30		3.00	1.30	ug/L			04/18/25 12:06	1
Chloromethane	<0.610		3.00	0.610	ug/L			04/18/25 12:06	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			04/18/25 12:06	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			04/18/25 12:06	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			04/18/25 12:06	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			04/18/25 12:06	1
Dibromomethane	<0.330		1.00	0.330	ug/L			04/18/25 12:06	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			04/18/25 12:06	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			04/18/25 12:06	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			04/18/25 12:06	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			04/18/25 12:06	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			04/18/25 12:06	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			04/18/25 12:06	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			04/18/25 12:06	1
2-Hexanone	<2.00		10.0	2.00	ug/L			04/18/25 12:06	1
Iodomethane	<7.00		10.0	7.00	ug/L			04/18/25 12:06	1
Methylene chloride	<1.70		5.00	1.70	ug/L			04/18/25 12:06	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			04/18/25 12:06	1
Styrene	<0.370		1.00	0.370	ug/L			04/18/25 12:06	1
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			04/18/25 12:06	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			04/18/25 12:06	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			04/18/25 12:06	1
Toluene	<0.430		1.00	0.430	ug/L			04/18/25 12:06	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			04/18/25 12:06	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			04/18/25 12:06	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			04/18/25 12:06	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			04/18/25 12:06	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			04/18/25 12:06	1
Trichloroethene	<0.430		1.00	0.430	ug/L			04/18/25 12:06	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			04/18/25 12:06	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			04/18/25 12:06	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			04/18/25 12:06	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			04/18/25 12:06	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			04/18/25 12:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*		*04/18/25 12:06*	*1*

Client: HDR Inc
Project/Site: DMASWA

Job ID: 310-304315-1

Client Sample ID: MW-505A

Date Collected: 04/14/25 08:30
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-6

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*112*		*73 - 130*		*04/18/25 12:06*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*04/18/25 12:06*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		04/17/25 09:00	04/21/25 18:37	1
Arsenic	<0.000530		0.00200	0.000530	mg/L		04/17/25 09:00	04/21/25 18:37	1
Barium	**0.0966**		0.00200	0.000660	mg/L		04/17/25 09:00	04/21/25 18:37	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		04/17/25 09:00	04/21/25 18:37	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		04/17/25 09:00	04/21/25 18:37	1
Chromium	**0.00228**	**J**	0.00500	0.00180	mg/L		04/17/25 09:00	04/21/25 18:37	1
Cobalt	**0.000618**		0.000500	0.000170	mg/L		04/17/25 09:00	04/21/25 18:37	1
Copper	<0.00320		0.00500	0.00320	mg/L		04/17/25 09:00	04/21/25 18:37	1
Lead	<0.000330		0.000500	0.000330	mg/L		04/17/25 09:00	04/21/25 18:37	1
Nickel	<0.00230		0.00500	0.00230	mg/L		04/17/25 09:00	04/21/25 18:37	1
Selenium	<0.00140		0.00500	0.00140	mg/L		04/17/25 09:00	04/21/25 18:37	1
Silver	<0.000500		0.00100	0.000500	mg/L		04/17/25 09:00	04/21/25 18:37	1
Thallium	<0.000570		0.00100	0.000570	mg/L		04/17/25 09:00	04/21/25 18:37	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		04/17/25 09:00	04/21/25 18:37	1
Zinc	<0.0130		0.0200	0.0130	mg/L		04/17/25 09:00	04/21/25 18:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**6.12**		1.88	1.31	mg/L			04/17/25 12:19	1

Client: HDR Inc
Project/Site: DMASWA

Job ID: 310-304315-1

Client Sample ID: MW-502A

Date Collected: 04/14/25 09:05
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-7

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<3.10		10.0	3.10	ug/L			04/18/25 12:29	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			04/18/25 12:29	1
Benzene	<0.220		0.500	0.220	ug/L			04/18/25 12:29	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			04/18/25 12:29	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			04/18/25 12:29	1
Bromoform	<0.780		5.00	0.780	ug/L			04/18/25 12:29	1
Bromomethane	<1.10		4.00	1.10	ug/L			04/18/25 12:29	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			04/18/25 12:29	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			04/18/25 12:29	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			04/18/25 12:29	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			04/18/25 12:29	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			04/18/25 12:29	1
Chloroethane	<0.790		4.00	0.790	ug/L			04/18/25 12:29	1
Chloroform	<1.30		3.00	1.30	ug/L			04/18/25 12:29	1
Chloromethane	<0.610		3.00	0.610	ug/L			04/18/25 12:29	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			04/18/25 12:29	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			04/18/25 12:29	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			04/18/25 12:29	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			04/18/25 12:29	1
Dibromomethane	<0.330		1.00	0.330	ug/L			04/18/25 12:29	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			04/18/25 12:29	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			04/18/25 12:29	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			04/18/25 12:29	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			04/18/25 12:29	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			04/18/25 12:29	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			04/18/25 12:29	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			04/18/25 12:29	1
2-Hexanone	<2.00		10.0	2.00	ug/L			04/18/25 12:29	1
Iodomethane	<7.00		10.0	7.00	ug/L			04/18/25 12:29	1
Methylene chloride	<1.70		5.00	1.70	ug/L			04/18/25 12:29	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			04/18/25 12:29	1
Styrene	<0.370		1.00	0.370	ug/L			04/18/25 12:29	1
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			04/18/25 12:29	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			04/18/25 12:29	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			04/18/25 12:29	1
Toluene	<0.430		1.00	0.430	ug/L			04/18/25 12:29	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			04/18/25 12:29	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			04/18/25 12:29	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			04/18/25 12:29	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			04/18/25 12:29	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			04/18/25 12:29	1
Trichloroethene	<0.430		1.00	0.430	ug/L			04/18/25 12:29	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			04/18/25 12:29	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			04/18/25 12:29	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			04/18/25 12:29	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			04/18/25 12:29	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			04/18/25 12:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*80 - 120*		*04/18/25 12:29*	*1*

Client: HDR Inc
Project/Site: DMASWA

Job ID: 310-304315-1

Client Sample ID: MW-502A

Date Collected: 04/14/25 09:05
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-7

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*113*		*73 - 130*		*04/18/25 12:29*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*04/18/25 12:29*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		04/17/25 09:00	04/21/25 18:40	1
Arsenic	<0.000530		0.00200	0.000530	mg/L		04/17/25 09:00	04/21/25 18:40	1
Barium	**0.0242**		0.00200	0.000660	mg/L		04/17/25 09:00	04/21/25 18:40	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		04/17/25 09:00	04/21/25 18:40	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		04/17/25 09:00	04/21/25 18:40	1
Chromium	<0.00180		0.00500	0.00180	mg/L		04/17/25 09:00	04/21/25 18:40	1
Cobalt	**0.000344**	**J**	0.000500	0.000170	mg/L		04/17/25 09:00	04/21/25 18:40	1
Copper	<0.00320		0.00500	0.00320	mg/L		04/17/25 09:00	04/21/25 18:40	1
Lead	<0.000330		0.000500	0.000330	mg/L		04/17/25 09:00	04/21/25 18:40	1
Nickel	<0.00230		0.00500	0.00230	mg/L		04/17/25 09:00	04/21/25 18:40	1
Selenium	<0.00140		0.00500	0.00140	mg/L		04/17/25 09:00	04/21/25 18:40	1
Silver	<0.000500		0.00100	0.000500	mg/L		04/17/25 09:00	04/21/25 18:40	1
Thallium	<0.000570		0.00100	0.000570	mg/L		04/17/25 09:00	04/21/25 18:40	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		04/17/25 09:00	04/21/25 18:40	1
Zinc	<0.0130		0.0200	0.0130	mg/L		04/17/25 09:00	04/21/25 18:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**4.13**		1.88	1.31	mg/L			04/17/25 12:19	1

Client: HDR Inc
Project/Site: DMASWA

Job ID: 310-304315-1

Client Sample ID: MW-501A

Date Collected: 04/14/25 09:45
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-8

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<3.10		10.0	3.10	ug/L			04/18/25 12:51	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			04/18/25 12:51	1
Benzene	<0.220		0.500	0.220	ug/L			04/18/25 12:51	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			04/18/25 12:51	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			04/18/25 12:51	1
Bromoform	<0.780		5.00	0.780	ug/L			04/18/25 12:51	1
Bromomethane	<1.10		4.00	1.10	ug/L			04/18/25 12:51	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			04/18/25 12:51	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			04/18/25 12:51	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			04/18/25 12:51	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			04/18/25 12:51	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			04/18/25 12:51	1
Chloroethane	<0.790		4.00	0.790	ug/L			04/18/25 12:51	1
Chloroform	<1.30		3.00	1.30	ug/L			04/18/25 12:51	1
Chloromethane	<0.610		3.00	0.610	ug/L			04/18/25 12:51	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			04/18/25 12:51	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			04/18/25 12:51	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			04/18/25 12:51	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			04/18/25 12:51	1
Dibromomethane	<0.330		1.00	0.330	ug/L			04/18/25 12:51	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			04/18/25 12:51	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			04/18/25 12:51	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			04/18/25 12:51	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			04/18/25 12:51	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			04/18/25 12:51	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			04/18/25 12:51	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			04/18/25 12:51	1
2-Hexanone	<2.00		10.0	2.00	ug/L			04/18/25 12:51	1
Iodomethane	<7.00		10.0	7.00	ug/L			04/18/25 12:51	1
Methylene chloride	<1.70		5.00	1.70	ug/L			04/18/25 12:51	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			04/18/25 12:51	1
Styrene	<0.370		1.00	0.370	ug/L			04/18/25 12:51	1
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			04/18/25 12:51	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			04/18/25 12:51	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			04/18/25 12:51	1
Toluene	<0.430		1.00	0.430	ug/L			04/18/25 12:51	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			04/18/25 12:51	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			04/18/25 12:51	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			04/18/25 12:51	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			04/18/25 12:51	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			04/18/25 12:51	1
Trichloroethene	<0.430		1.00	0.430	ug/L			04/18/25 12:51	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			04/18/25 12:51	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			04/18/25 12:51	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			04/18/25 12:51	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			04/18/25 12:51	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			04/18/25 12:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*80 - 120*		*04/18/25 12:51*	*1*

Client: HDR Inc
Project/Site: DMASWA

Job ID: 310-304315-1

Client Sample ID: MW-501A

Date Collected: 04/14/25 09:45
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-8

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*115*		*73 - 130*		*04/18/25 12:51*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*04/18/25 12:51*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		04/17/25 09:00	04/21/25 18:49	1
Arsenic	<0.000530		0.00200	0.000530	mg/L		04/17/25 09:00	04/21/25 18:49	1
Barium	**0.0803**		0.00200	0.000660	mg/L		04/17/25 09:00	04/21/25 18:49	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		04/17/25 09:00	04/21/25 18:49	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		04/17/25 09:00	04/21/25 18:49	1
Chromium	<0.00180		0.00500	0.00180	mg/L		04/17/25 09:00	04/21/25 18:49	1
Cobalt	**0.00310**		0.000500	0.000170	mg/L		04/17/25 09:00	04/21/25 18:49	1
Copper	<0.00320		0.00500	0.00320	mg/L		04/17/25 09:00	04/21/25 18:49	1
Lead	<0.000330		0.000500	0.000330	mg/L		04/17/25 09:00	04/21/25 18:49	1
Nickel	**0.00419**	**J**	0.00500	0.00230	mg/L		04/17/25 09:00	04/21/25 18:49	1
Selenium	<0.00140		0.00500	0.00140	mg/L		04/17/25 09:00	04/21/25 18:49	1
Silver	<0.000500		0.00100	0.000500	mg/L		04/17/25 09:00	04/21/25 18:49	1
Thallium	<0.000570		0.00100	0.000570	mg/L		04/17/25 09:00	04/21/25 18:49	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		04/17/25 09:00	04/21/25 18:49	1
Zinc	<0.0130		0.0200	0.0130	mg/L		04/17/25 09:00	04/21/25 18:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**28.9**		1.88	1.31	mg/L			04/17/25 12:19	1

Client: HDR Inc
Project/Site: DMASWA

Job ID: 310-304315-1

Client Sample ID: MW-404A

Date Collected: 04/14/25 10:20
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-9

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<3.10		10.0	3.10	ug/L			04/18/25 13:14	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			04/18/25 13:14	1
Benzene	<0.220		0.500	0.220	ug/L			04/18/25 13:14	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			04/18/25 13:14	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			04/18/25 13:14	1
Bromoform	<0.780		5.00	0.780	ug/L			04/18/25 13:14	1
Bromomethane	<1.10		4.00	1.10	ug/L			04/18/25 13:14	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			04/18/25 13:14	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			04/18/25 13:14	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			04/18/25 13:14	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			04/18/25 13:14	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			04/18/25 13:14	1
Chloroethane	<0.790		4.00	0.790	ug/L			04/18/25 13:14	1
Chloroform	<1.30		3.00	1.30	ug/L			04/18/25 13:14	1
Chloromethane	<0.610		3.00	0.610	ug/L			04/18/25 13:14	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			04/18/25 13:14	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			04/18/25 13:14	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			04/18/25 13:14	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			04/18/25 13:14	1
Dibromomethane	<0.330		1.00	0.330	ug/L			04/18/25 13:14	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			04/18/25 13:14	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			04/18/25 13:14	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			04/18/25 13:14	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			04/18/25 13:14	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			04/18/25 13:14	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			04/18/25 13:14	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			04/18/25 13:14	1
2-Hexanone	<2.00		10.0	2.00	ug/L			04/18/25 13:14	1
Iodomethane	<7.00		10.0	7.00	ug/L			04/18/25 13:14	1
Methylene chloride	<1.70		5.00	1.70	ug/L			04/18/25 13:14	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			04/18/25 13:14	1
Styrene	<0.370		1.00	0.370	ug/L			04/18/25 13:14	1
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			04/18/25 13:14	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			04/18/25 13:14	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			04/18/25 13:14	1
Toluene	<0.430		1.00	0.430	ug/L			04/18/25 13:14	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			04/18/25 13:14	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			04/18/25 13:14	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			04/18/25 13:14	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			04/18/25 13:14	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			04/18/25 13:14	1
Trichloroethene	<0.430		1.00	0.430	ug/L			04/18/25 13:14	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			04/18/25 13:14	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			04/18/25 13:14	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			04/18/25 13:14	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			04/18/25 13:14	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			04/18/25 13:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*80 - 120*		*04/18/25 13:14*	*1*

Client: HDR Inc
Project/Site: DMASWA

Job ID: 310-304315-1

Client Sample ID: MW-404A

Date Collected: 04/14/25 10:20
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-9

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*112*		*73 - 130*		*04/18/25 13:14*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*04/18/25 13:14*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		04/17/25 09:00	04/21/25 18:52	1
Arsenic	<0.000530		0.00200	0.000530	mg/L		04/17/25 09:00	04/21/25 18:52	1
Barium	**0.0720**		0.00200	0.000660	mg/L		04/17/25 09:00	04/21/25 18:52	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		04/17/25 09:00	04/21/25 18:52	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		04/17/25 09:00	04/21/25 18:52	1
Chromium	<0.00180		0.00500	0.00180	mg/L		04/17/25 09:00	04/21/25 18:52	1
Cobalt	**0.00102**		0.000500	0.000170	mg/L		04/17/25 09:00	04/21/25 18:52	1
Copper	<0.00320		0.00500	0.00320	mg/L		04/17/25 09:00	04/21/25 18:52	1
Lead	<0.000330		0.000500	0.000330	mg/L		04/17/25 09:00	04/21/25 18:52	1
Nickel	<0.00230		0.00500	0.00230	mg/L		04/17/25 09:00	04/21/25 18:52	1
Selenium	<0.00140		0.00500	0.00140	mg/L		04/17/25 09:00	04/21/25 18:52	1
Silver	<0.000500		0.00100	0.000500	mg/L		04/17/25 09:00	04/21/25 18:52	1
Thallium	<0.000570		0.00100	0.000570	mg/L		04/17/25 09:00	04/21/25 18:52	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		04/17/25 09:00	04/21/25 18:52	1
Zinc	<0.0130		0.0200	0.0130	mg/L		04/17/25 09:00	04/21/25 18:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**3.87**		1.88	1.31	mg/L			04/17/25 12:19	1

Client Sample ID: Dup-1
Date Collected: 04/14/25 17:00
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-10
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<3.10		10.0	3.10	ug/L			04/18/25 13:36	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			04/18/25 13:36	1
Benzene	<0.220		0.500	0.220	ug/L			04/18/25 13:36	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			04/18/25 13:36	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			04/18/25 13:36	1
Bromoform	<0.780		5.00	0.780	ug/L			04/18/25 13:36	1
Bromomethane	<1.10		4.00	1.10	ug/L			04/18/25 13:36	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			04/18/25 13:36	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			04/18/25 13:36	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			04/18/25 13:36	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			04/18/25 13:36	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			04/18/25 13:36	1
Chloroethane	<0.790		4.00	0.790	ug/L			04/18/25 13:36	1
Chloroform	<1.30		3.00	1.30	ug/L			04/18/25 13:36	1
Chloromethane	<0.610		3.00	0.610	ug/L			04/18/25 13:36	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			04/18/25 13:36	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			04/18/25 13:36	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			04/18/25 13:36	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			04/18/25 13:36	1
Dibromomethane	<0.330		1.00	0.330	ug/L			04/18/25 13:36	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			04/18/25 13:36	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			04/18/25 13:36	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			04/18/25 13:36	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			04/18/25 13:36	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			04/18/25 13:36	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			04/18/25 13:36	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			04/18/25 13:36	1
2-Hexanone	<2.00		10.0	2.00	ug/L			04/18/25 13:36	1
Iodomethane	<7.00		10.0	7.00	ug/L			04/18/25 13:36	1
Methylene chloride	<1.70		5.00	1.70	ug/L			04/18/25 13:36	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			04/18/25 13:36	1
Styrene	<0.370		1.00	0.370	ug/L			04/18/25 13:36	1
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			04/18/25 13:36	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			04/18/25 13:36	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			04/18/25 13:36	1
Toluene	<0.430		1.00	0.430	ug/L			04/18/25 13:36	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			04/18/25 13:36	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			04/18/25 13:36	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			04/18/25 13:36	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			04/18/25 13:36	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			04/18/25 13:36	1
Trichloroethene	<0.430		1.00	0.430	ug/L			04/18/25 13:36	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			04/18/25 13:36	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			04/18/25 13:36	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			04/18/25 13:36	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			04/18/25 13:36	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			04/18/25 13:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*80 - 120*		*04/18/25 13:36*	*1*

Client: HDR Inc
Project/Site: DMASWA

Job ID: 310-304315-1

Client Sample ID: Dup-1

Date Collected: 04/14/25 17:00
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-10

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*115*		*73 - 130*		*04/18/25 13:36*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*04/18/25 13:36*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		04/17/25 09:00	04/21/25 18:55	1
Arsenic	<0.000530		0.00200	0.000530	mg/L		04/17/25 09:00	04/21/25 18:55	1
Barium	**0.0706**		0.00200	0.000660	mg/L		04/17/25 09:00	04/21/25 18:55	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		04/17/25 09:00	04/21/25 18:55	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		04/17/25 09:00	04/21/25 18:55	1
Chromium	<0.00180		0.00500	0.00180	mg/L		04/17/25 09:00	04/21/25 18:55	1
Cobalt	**0.000988**		0.000500	0.000170	mg/L		04/17/25 09:00	04/21/25 18:55	1
Copper	<0.00320		0.00500	0.00320	mg/L		04/17/25 09:00	04/21/25 18:55	1
Lead	<0.000330		0.000500	0.000330	mg/L		04/17/25 09:00	04/21/25 18:55	1
Nickel	<0.00230		0.00500	0.00230	mg/L		04/17/25 09:00	04/21/25 18:55	1
Selenium	<0.00140		0.00500	0.00140	mg/L		04/17/25 09:00	04/21/25 18:55	1
Silver	<0.000500		0.00100	0.000500	mg/L		04/17/25 09:00	04/21/25 18:55	1
Thallium	<0.000570		0.00100	0.000570	mg/L		04/17/25 09:00	04/21/25 18:55	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		04/17/25 09:00	04/21/25 18:55	1
Zinc	<0.0130		0.0200	0.0130	mg/L		04/17/25 09:00	04/21/25 18:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**2.63**		1.88	1.31	mg/L			04/17/25 12:19	1

Client: HDR Inc
Project/Site: DMASWA

Job ID: 310-304315-1

Client Sample ID: MW-403A

Date Collected: 04/14/25 11:00
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-11

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<3.10		10.0	3.10	ug/L			04/18/25 13:59	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			04/18/25 13:59	1
Benzene	<0.220		0.500	0.220	ug/L			04/18/25 13:59	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			04/18/25 13:59	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			04/18/25 13:59	1
Bromoform	<0.780		5.00	0.780	ug/L			04/18/25 13:59	1
Bromomethane	<1.10		4.00	1.10	ug/L			04/18/25 13:59	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			04/18/25 13:59	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			04/18/25 13:59	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			04/18/25 13:59	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			04/18/25 13:59	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			04/18/25 13:59	1
Chloroethane	<0.790		4.00	0.790	ug/L			04/18/25 13:59	1
Chloroform	<1.30		3.00	1.30	ug/L			04/18/25 13:59	1
Chloromethane	<0.610		3.00	0.610	ug/L			04/18/25 13:59	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			04/18/25 13:59	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			04/18/25 13:59	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			04/18/25 13:59	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			04/18/25 13:59	1
Dibromomethane	<0.330		1.00	0.330	ug/L			04/18/25 13:59	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			04/18/25 13:59	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			04/18/25 13:59	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			04/18/25 13:59	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			04/18/25 13:59	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			04/18/25 13:59	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			04/18/25 13:59	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			04/18/25 13:59	1
2-Hexanone	<2.00		10.0	2.00	ug/L			04/18/25 13:59	1
Iodomethane	<7.00		10.0	7.00	ug/L			04/18/25 13:59	1
Methylene chloride	<1.70		5.00	1.70	ug/L			04/18/25 13:59	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			04/18/25 13:59	1
Styrene	<0.370		1.00	0.370	ug/L			04/18/25 13:59	1
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			04/18/25 13:59	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			04/18/25 13:59	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			04/18/25 13:59	1
Toluene	<0.430		1.00	0.430	ug/L			04/18/25 13:59	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			04/18/25 13:59	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			04/18/25 13:59	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			04/18/25 13:59	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			04/18/25 13:59	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			04/18/25 13:59	1
Trichloroethene	<0.430		1.00	0.430	ug/L			04/18/25 13:59	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			04/18/25 13:59	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			04/18/25 13:59	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			04/18/25 13:59	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			04/18/25 13:59	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			04/18/25 13:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*80 - 120*		*04/18/25 13:59*	*1*

Client: HDR Inc
Project/Site: DMASWA

Job ID: 310-304315-1

Client Sample ID: MW-403A

Date Collected: 04/14/25 11:00
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-11

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*113*		*73 - 130*		*04/18/25 13:59*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*04/18/25 13:59*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		04/17/25 09:00	04/21/25 18:58	1
Arsenic	<0.000530		0.00200	0.000530	mg/L		04/17/25 09:00	04/21/25 18:58	1
Barium	**0.175**		0.00200	0.000660	mg/L		04/17/25 09:00	04/21/25 18:58	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		04/17/25 09:00	04/21/25 18:58	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		04/17/25 09:00	04/21/25 18:58	1
Chromium	<0.00180		0.00500	0.00180	mg/L		04/17/25 09:00	04/21/25 18:58	1
Cobalt	**0.000392**	**J**	0.000500	0.000170	mg/L		04/17/25 09:00	04/21/25 18:58	1
Copper	<0.00320		0.00500	0.00320	mg/L		04/17/25 09:00	04/21/25 18:58	1
Lead	<0.000330		0.000500	0.000330	mg/L		04/17/25 09:00	04/21/25 18:58	1
Nickel	<0.00230		0.00500	0.00230	mg/L		04/17/25 09:00	04/21/25 18:58	1
Selenium	<0.00140		0.00500	0.00140	mg/L		04/17/25 09:00	04/21/25 18:58	1
Silver	<0.000500		0.00100	0.000500	mg/L		04/17/25 09:00	04/21/25 18:58	1
Thallium	<0.000570		0.00100	0.000570	mg/L		04/17/25 09:00	04/21/25 18:58	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		04/17/25 09:00	04/21/25 18:58	1
Zinc	<0.0130		0.0200	0.0130	mg/L		04/17/25 09:00	04/21/25 18:58	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	<1.31		1.88	1.31	mg/L			04/17/25 12:19	1

Client: HDR Inc
Project/Site: DMASWA

Job ID: 310-304315-1

Client Sample ID: MW-402A

Date Collected: 04/14/25 11:40
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-12

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<3.10		10.0	3.10	ug/L			04/18/25 14:21	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			04/18/25 14:21	1
Benzene	<0.220		0.500	0.220	ug/L			04/18/25 14:21	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			04/18/25 14:21	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			04/18/25 14:21	1
Bromoform	<0.780		5.00	0.780	ug/L			04/18/25 14:21	1
Bromomethane	<1.10		4.00	1.10	ug/L			04/18/25 14:21	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			04/18/25 14:21	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			04/18/25 14:21	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			04/18/25 14:21	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			04/18/25 14:21	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			04/18/25 14:21	1
Chloroethane	<0.790		4.00	0.790	ug/L			04/18/25 14:21	1
Chloroform	<1.30		3.00	1.30	ug/L			04/18/25 14:21	1
Chloromethane	<0.610		3.00	0.610	ug/L			04/18/25 14:21	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			04/18/25 14:21	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			04/18/25 14:21	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			04/18/25 14:21	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			04/18/25 14:21	1
Dibromomethane	<0.330		1.00	0.330	ug/L			04/18/25 14:21	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			04/18/25 14:21	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			04/18/25 14:21	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			04/18/25 14:21	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			04/18/25 14:21	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			04/18/25 14:21	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			04/18/25 14:21	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			04/18/25 14:21	1
2-Hexanone	<2.00		10.0	2.00	ug/L			04/18/25 14:21	1
Iodomethane	<7.00		10.0	7.00	ug/L			04/18/25 14:21	1
Methylene chloride	<1.70		5.00	1.70	ug/L			04/18/25 14:21	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			04/18/25 14:21	1
Styrene	<0.370		1.00	0.370	ug/L			04/18/25 14:21	1
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			04/18/25 14:21	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			04/18/25 14:21	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			04/18/25 14:21	1
Toluene	<0.430		1.00	0.430	ug/L			04/18/25 14:21	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			04/18/25 14:21	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			04/18/25 14:21	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			04/18/25 14:21	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			04/18/25 14:21	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			04/18/25 14:21	1
Trichloroethene	<0.430		1.00	0.430	ug/L			04/18/25 14:21	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			04/18/25 14:21	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			04/18/25 14:21	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			04/18/25 14:21	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			04/18/25 14:21	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			04/18/25 14:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*		*04/18/25 14:21*	*1*

Client: HDR Inc
Project/Site: DMASWA

Job ID: 310-304315-1

Client Sample ID: MW-402A

Date Collected: 04/14/25 11:40
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-12

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*111*		*73 - 130*		*04/18/25 14:21*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*04/18/25 14:21*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		04/17/25 09:00	04/21/25 19:00	1
Arsenic	**0.00211**		0.00200	0.000530	mg/L		04/17/25 09:00	04/21/25 19:00	1
Barium	**0.0702**		0.00200	0.000660	mg/L		04/17/25 09:00	04/21/25 19:00	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		04/17/25 09:00	04/21/25 19:00	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		04/17/25 09:00	04/21/25 19:00	1
Chromium	<0.00180		0.00500	0.00180	mg/L		04/17/25 09:00	04/21/25 19:00	1
Cobalt	**0.000990**		0.000500	0.000170	mg/L		04/17/25 09:00	04/21/25 19:00	1
Copper	<0.00320		0.00500	0.00320	mg/L		04/17/25 09:00	04/21/25 19:00	1
Lead	<0.000330		0.000500	0.000330	mg/L		04/17/25 09:00	04/21/25 19:00	1
Nickel	<0.00230		0.00500	0.00230	mg/L		04/17/25 09:00	04/21/25 19:00	1
Selenium	<0.00140		0.00500	0.00140	mg/L		04/17/25 09:00	04/21/25 19:00	1
Silver	<0.000500		0.00100	0.000500	mg/L		04/17/25 09:00	04/21/25 19:00	1
Thallium	<0.000570		0.00100	0.000570	mg/L		04/17/25 09:00	04/21/25 19:00	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		04/17/25 09:00	04/21/25 19:00	1
Zinc	<0.0130		0.0200	0.0130	mg/L		04/17/25 09:00	04/21/25 19:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**11.7**		2.50	1.75	mg/L			04/17/25 12:19	1

Client Sample ID: MW-401A

Date Collected: 04/14/25 12:15
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-13

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<3.10		10.0	3.10	ug/L			04/18/25 14:44	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			04/18/25 14:44	1
Benzene	<0.220		0.500	0.220	ug/L			04/18/25 14:44	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			04/18/25 14:44	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			04/18/25 14:44	1
Bromoform	<0.780		5.00	0.780	ug/L			04/18/25 14:44	1
Bromomethane	<1.10		4.00	1.10	ug/L			04/18/25 14:44	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			04/18/25 14:44	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			04/18/25 14:44	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			04/18/25 14:44	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			04/18/25 14:44	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			04/18/25 14:44	1
Chloroethane	<0.790		4.00	0.790	ug/L			04/18/25 14:44	1
Chloroform	<1.30		3.00	1.30	ug/L			04/18/25 14:44	1
Chloromethane	<0.610		3.00	0.610	ug/L			04/18/25 14:44	1
cis-1,2-Dichloroethene	**0.882**	**J**	1.00	0.210	ug/L			04/18/25 14:44	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			04/18/25 14:44	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			04/18/25 14:44	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			04/18/25 14:44	1
Dibromomethane	<0.330		1.00	0.330	ug/L			04/18/25 14:44	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			04/18/25 14:44	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			04/18/25 14:44	1
1,1-Dichloroethane	**0.321**	**J**	1.00	0.220	ug/L			04/18/25 14:44	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			04/18/25 14:44	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			04/18/25 14:44	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			04/18/25 14:44	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			04/18/25 14:44	1
2-Hexanone	<2.00		10.0	2.00	ug/L			04/18/25 14:44	1
Iodomethane	<7.00		10.0	7.00	ug/L			04/18/25 14:44	1
Methylene chloride	<1.70		5.00	1.70	ug/L			04/18/25 14:44	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			04/18/25 14:44	1
Styrene	<0.370		1.00	0.370	ug/L			04/18/25 14:44	1
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			04/18/25 14:44	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			04/18/25 14:44	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			04/18/25 14:44	1
Toluene	<0.430		1.00	0.430	ug/L			04/18/25 14:44	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			04/18/25 14:44	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			04/18/25 14:44	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			04/18/25 14:44	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			04/18/25 14:44	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			04/18/25 14:44	1
Trichloroethene	<0.430		1.00	0.430	ug/L			04/18/25 14:44	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			04/18/25 14:44	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			04/18/25 14:44	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			04/18/25 14:44	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			04/18/25 14:44	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			04/18/25 14:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*80 - 120*		*04/18/25 14:44*	*1*

Client: HDR Inc
Project/Site: DMASWA

Job ID: 310-304315-1

Client Sample ID: MW-401A

Date Collected: 04/14/25 12:15
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-13

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*114*		*73 - 130*		*04/18/25 14:44*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*04/18/25 14:44*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		04/17/25 09:00	04/21/25 19:06	1
Arsenic	<0.000530		0.00200	0.000530	mg/L		04/17/25 09:00	04/21/25 19:06	1
Barium	**0.271**		0.00200	0.000660	mg/L		04/17/25 09:00	04/21/25 19:06	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		04/17/25 09:00	04/21/25 19:06	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		04/17/25 09:00	04/21/25 19:06	1
Chromium	<0.00180		0.00500	0.00180	mg/L		04/17/25 09:00	04/21/25 19:06	1
Cobalt	**0.00210**		0.000500	0.000170	mg/L		04/17/25 09:00	04/21/25 19:06	1
Copper	<0.00320		0.00500	0.00320	mg/L		04/17/25 09:00	04/21/25 19:06	1
Lead	<0.000330		0.000500	0.000330	mg/L		04/17/25 09:00	04/21/25 19:06	1
Nickel	**0.00288**	**J**	0.00500	0.00230	mg/L		04/17/25 09:00	04/21/25 19:06	1
Selenium	<0.00140		0.00500	0.00140	mg/L		04/17/25 09:00	04/21/25 19:06	1
Silver	<0.000500		0.00100	0.000500	mg/L		04/17/25 09:00	04/21/25 19:06	1
Thallium	<0.000570		0.00100	0.000570	mg/L		04/17/25 09:00	04/21/25 19:06	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		04/17/25 09:00	04/21/25 19:06	1
Zinc	<0.0130		0.0200	0.0130	mg/L		04/17/25 09:00	04/21/25 19:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**3.13**		1.88	1.31	mg/L			04/17/25 12:19	1

Client Sample ID: MW-102A

Date Collected: 04/14/25 12:45
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-14

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<3.10		10.0	3.10	ug/L			04/18/25 15:06	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			04/18/25 15:06	1
Benzene	<0.220		0.500	0.220	ug/L			04/18/25 15:06	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			04/18/25 15:06	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			04/18/25 15:06	1
Bromoform	<0.780		5.00	0.780	ug/L			04/18/25 15:06	1
Bromomethane	<1.10		4.00	1.10	ug/L			04/18/25 15:06	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			04/18/25 15:06	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			04/18/25 15:06	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			04/18/25 15:06	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			04/18/25 15:06	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			04/18/25 15:06	1
Chloroethane	<0.790		4.00	0.790	ug/L			04/18/25 15:06	1
Chloroform	<1.30		3.00	1.30	ug/L			04/18/25 15:06	1
Chloromethane	<0.610		3.00	0.610	ug/L			04/18/25 15:06	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			04/18/25 15:06	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			04/18/25 15:06	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			04/18/25 15:06	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			04/18/25 15:06	1
Dibromomethane	<0.330		1.00	0.330	ug/L			04/18/25 15:06	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			04/18/25 15:06	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			04/18/25 15:06	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			04/18/25 15:06	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			04/18/25 15:06	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			04/18/25 15:06	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			04/18/25 15:06	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			04/18/25 15:06	1
2-Hexanone	<2.00		10.0	2.00	ug/L			04/18/25 15:06	1
Iodomethane	<7.00		10.0	7.00	ug/L			04/18/25 15:06	1
Methylene chloride	<1.70		5.00	1.70	ug/L			04/18/25 15:06	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			04/18/25 15:06	1
Styrene	<0.370		1.00	0.370	ug/L			04/18/25 15:06	1
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			04/18/25 15:06	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			04/18/25 15:06	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			04/18/25 15:06	1
Toluene	<0.430		1.00	0.430	ug/L			04/18/25 15:06	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			04/18/25 15:06	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			04/18/25 15:06	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			04/18/25 15:06	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			04/18/25 15:06	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			04/18/25 15:06	1
Trichloroethene	<0.430		1.00	0.430	ug/L			04/18/25 15:06	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			04/18/25 15:06	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			04/18/25 15:06	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			04/18/25 15:06	1
Vinyl chloride	**0.492**	**J**	1.00	0.180	ug/L			04/18/25 15:06	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			04/18/25 15:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*80 - 120*		*04/18/25 15:06*	*1*

Client: HDR Inc
Project/Site: DMASWA

Job ID: 310-304315-1

Client Sample ID: MW-102A

Date Collected: 04/14/25 12:45
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-14

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*112*		*73 - 130*		*04/18/25 15:06*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*04/18/25 15:06*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		04/17/25 09:00	04/21/25 19:09	1
Arsenic	**0.0131**		0.00200	0.000530	mg/L		04/17/25 09:00	04/21/25 19:09	1
Barium	**0.434**		0.00200	0.000660	mg/L		04/17/25 09:00	04/21/25 19:09	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		04/17/25 09:00	04/21/25 19:09	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		04/17/25 09:00	04/21/25 19:09	1
Chromium	<0.00180		0.00500	0.00180	mg/L		04/17/25 09:00	04/21/25 19:09	1
Cobalt	**0.00165**		0.000500	0.000170	mg/L		04/17/25 09:00	04/21/25 19:09	1
Copper	<0.00320		0.00500	0.00320	mg/L		04/17/25 09:00	04/21/25 19:09	1
Lead	<0.000330		0.000500	0.000330	mg/L		04/17/25 09:00	04/21/25 19:09	1
Nickel	**0.00240**	**J**	0.00500	0.00230	mg/L		04/17/25 09:00	04/21/25 19:09	1
Selenium	<0.00140		0.00500	0.00140	mg/L		04/17/25 09:00	04/21/25 19:09	1
Silver	<0.000500		0.00100	0.000500	mg/L		04/17/25 09:00	04/21/25 19:09	1
Thallium	<0.000570		0.00100	0.000570	mg/L		04/17/25 09:00	04/21/25 19:09	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		04/17/25 09:00	04/21/25 19:09	1
Zinc	<0.0130		0.0200	0.0130	mg/L		04/17/25 09:00	04/21/25 19:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**53.0**		15.0	10.5	mg/L			04/17/25 12:19	1

Client: HDR Inc
Project/Site: DMASWA

Job ID: 310-304315-1

Client Sample ID: Dup-2

Date Collected: 04/14/25 13:30
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-15

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<3.10		10.0	3.10	ug/L			04/18/25 15:29	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			04/18/25 15:29	1
Benzene	<0.220		0.500	0.220	ug/L			04/18/25 15:29	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			04/18/25 15:29	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			04/18/25 15:29	1
Bromoform	<0.780		5.00	0.780	ug/L			04/18/25 15:29	1
Bromomethane	<1.10		4.00	1.10	ug/L			04/18/25 15:29	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			04/18/25 15:29	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			04/18/25 15:29	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			04/18/25 15:29	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			04/18/25 15:29	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			04/18/25 15:29	1
Chloroethane	<0.790		4.00	0.790	ug/L			04/18/25 15:29	1
Chloroform	<1.30		3.00	1.30	ug/L			04/18/25 15:29	1
Chloromethane	<0.610		3.00	0.610	ug/L			04/18/25 15:29	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			04/18/25 15:29	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			04/18/25 15:29	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			04/18/25 15:29	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			04/18/25 15:29	1
Dibromomethane	<0.330		1.00	0.330	ug/L			04/18/25 15:29	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			04/18/25 15:29	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			04/18/25 15:29	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			04/18/25 15:29	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			04/18/25 15:29	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			04/18/25 15:29	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			04/18/25 15:29	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			04/18/25 15:29	1
2-Hexanone	<2.00		10.0	2.00	ug/L			04/18/25 15:29	1
Iodomethane	<7.00		10.0	7.00	ug/L			04/18/25 15:29	1
Methylene chloride	<1.70		5.00	1.70	ug/L			04/18/25 15:29	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			04/18/25 15:29	1
Styrene	<0.370		1.00	0.370	ug/L			04/18/25 15:29	1
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			04/18/25 15:29	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			04/18/25 15:29	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			04/18/25 15:29	1
Toluene	<0.430		1.00	0.430	ug/L			04/18/25 15:29	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			04/18/25 15:29	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			04/18/25 15:29	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			04/18/25 15:29	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			04/18/25 15:29	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			04/18/25 15:29	1
Trichloroethene	<0.430		1.00	0.430	ug/L			04/18/25 15:29	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			04/18/25 15:29	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			04/18/25 15:29	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			04/18/25 15:29	1
Vinyl chloride	**0.522**	**J**	1.00	0.180	ug/L			04/18/25 15:29	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			04/18/25 15:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*		*04/18/25 15:29*	*1*

Client: HDR Inc
Project/Site: DMASWA

Job ID: 310-304315-1

Client Sample ID: Dup-2

Date Collected: 04/14/25 13:30
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-15

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*112*		*73 - 130*		*04/18/25 15:29*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*04/18/25 15:29*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		04/17/25 09:00	04/21/25 19:12	1
Arsenic	**0.0134**		0.00200	0.000530	mg/L		04/17/25 09:00	04/21/25 19:12	1
Barium	**0.439**		0.00200	0.000660	mg/L		04/17/25 09:00	04/21/25 19:12	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		04/17/25 09:00	04/21/25 19:12	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		04/17/25 09:00	04/21/25 19:12	1
Chromium	<0.00180		0.00500	0.00180	mg/L		04/17/25 09:00	04/21/25 19:12	1
Cobalt	**0.00166**		0.000500	0.000170	mg/L		04/17/25 09:00	04/21/25 19:12	1
Copper	<0.00320		0.00500	0.00320	mg/L		04/17/25 09:00	04/21/25 19:12	1
Lead	<0.000330		0.000500	0.000330	mg/L		04/17/25 09:00	04/21/25 19:12	1
Nickel	**0.00235**	**J**	0.00500	0.00230	mg/L		04/17/25 09:00	04/21/25 19:12	1
Selenium	<0.00140		0.00500	0.00140	mg/L		04/17/25 09:00	04/21/25 19:12	1
Silver	<0.000500		0.00100	0.000500	mg/L		04/17/25 09:00	04/21/25 19:12	1
Thallium	<0.000570		0.00100	0.000570	mg/L		04/17/25 09:00	04/21/25 19:12	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		04/17/25 09:00	04/21/25 19:12	1
Zinc	<0.0130		0.0200	0.0130	mg/L		04/17/25 09:00	04/21/25 19:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**54.0**		15.0	10.5	mg/L			04/17/25 12:19	1

Client Sample ID: MW-201A

Date Collected: 04/14/25 13:20
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-16

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<3.10		10.0	3.10	ug/L			04/18/25 15:51	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			04/18/25 15:51	1
Benzene	<0.220		0.500	0.220	ug/L			04/18/25 15:51	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			04/18/25 15:51	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			04/18/25 15:51	1
Bromoform	<0.780		5.00	0.780	ug/L			04/18/25 15:51	1
Bromomethane	<1.10		4.00	1.10	ug/L			04/18/25 15:51	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			04/18/25 15:51	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			04/18/25 15:51	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			04/18/25 15:51	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			04/18/25 15:51	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			04/18/25 15:51	1
Chloroethane	<0.790		4.00	0.790	ug/L			04/18/25 15:51	1
Chloroform	<1.30		3.00	1.30	ug/L			04/18/25 15:51	1
Chloromethane	<0.610		3.00	0.610	ug/L			04/18/25 15:51	1
cis-1,2-Dichloroethene	**0.457**	**J**	1.00	0.210	ug/L			04/18/25 15:51	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			04/18/25 15:51	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			04/18/25 15:51	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			04/18/25 15:51	1
Dibromomethane	<0.330		1.00	0.330	ug/L			04/18/25 15:51	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			04/18/25 15:51	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			04/18/25 15:51	1
1,1-Dichloroethane	**0.864**	**J**	1.00	0.220	ug/L			04/18/25 15:51	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			04/18/25 15:51	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			04/18/25 15:51	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			04/18/25 15:51	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			04/18/25 15:51	1
2-Hexanone	<2.00		10.0	2.00	ug/L			04/18/25 15:51	1
Iodomethane	<7.00		10.0	7.00	ug/L			04/18/25 15:51	1
Methylene chloride	<1.70		5.00	1.70	ug/L			04/18/25 15:51	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			04/18/25 15:51	1
Styrene	<0.370		1.00	0.370	ug/L			04/18/25 15:51	1
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			04/18/25 15:51	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			04/18/25 15:51	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			04/18/25 15:51	1
Toluene	<0.430		1.00	0.430	ug/L			04/18/25 15:51	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			04/18/25 15:51	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			04/18/25 15:51	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			04/18/25 15:51	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			04/18/25 15:51	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			04/18/25 15:51	1
Trichloroethene	<0.430		1.00	0.430	ug/L			04/18/25 15:51	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			04/18/25 15:51	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			04/18/25 15:51	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			04/18/25 15:51	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			04/18/25 15:51	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			04/18/25 15:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*80 - 120*		*04/18/25 15:51*	*1*

Client: HDR Inc
Project/Site: DMASWA

Job ID: 310-304315-1

Client Sample ID: MW-201A

Date Collected: 04/14/25 13:20
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-16

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*111*		*73 - 130*		*04/18/25 15:51*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*04/18/25 15:51*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		04/17/25 09:00	04/21/25 19:15	1
Arsenic	**0.000679**	**J**	0.00200	0.000530	mg/L		04/17/25 09:00	04/21/25 19:15	1
Barium	**0.345**		0.00200	0.000660	mg/L		04/17/25 09:00	04/21/25 19:15	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		04/17/25 09:00	04/21/25 19:15	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		04/17/25 09:00	04/21/25 19:15	1
Chromium	<0.00180		0.00500	0.00180	mg/L		04/17/25 09:00	04/21/25 19:15	1
Cobalt	**0.00118**		0.000500	0.000170	mg/L		04/17/25 09:00	04/21/25 19:15	1
Copper	**0.00393**	**J**	0.00500	0.00320	mg/L		04/17/25 09:00	04/21/25 19:15	1
Lead	<0.000330		0.000500	0.000330	mg/L		04/17/25 09:00	04/21/25 19:15	1
Nickel	<0.00230		0.00500	0.00230	mg/L		04/17/25 09:00	04/21/25 19:15	1
Selenium	<0.00140		0.00500	0.00140	mg/L		04/17/25 09:00	04/21/25 19:15	1
Silver	<0.000500		0.00100	0.000500	mg/L		04/17/25 09:00	04/21/25 19:15	1
Thallium	<0.000570		0.00100	0.000570	mg/L		04/17/25 09:00	04/21/25 19:15	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		04/17/25 09:00	04/21/25 19:15	1
Zinc	<0.0130		0.0200	0.0130	mg/L		04/17/25 09:00	04/21/25 19:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**3.75**		1.88	1.31	mg/L			04/17/25 12:19	1

Client: HDR Inc
Project/Site: DMASWA

Job ID: 310-304315-1

Client Sample ID: MW-103A

Date Collected: 04/14/25 13:50
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-17

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<3.10		10.0	3.10	ug/L			04/18/25 16:14	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			04/18/25 16:14	1
Benzene	<0.220		0.500	0.220	ug/L			04/18/25 16:14	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			04/18/25 16:14	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			04/18/25 16:14	1
Bromoform	<0.780		5.00	0.780	ug/L			04/18/25 16:14	1
Bromomethane	<1.10		4.00	1.10	ug/L			04/18/25 16:14	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			04/18/25 16:14	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			04/18/25 16:14	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			04/18/25 16:14	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			04/18/25 16:14	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			04/18/25 16:14	1
Chloroethane	<0.790		4.00	0.790	ug/L			04/18/25 16:14	1
Chloroform	<1.30		3.00	1.30	ug/L			04/18/25 16:14	1
Chloromethane	<0.610		3.00	0.610	ug/L			04/18/25 16:14	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			04/18/25 16:14	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			04/18/25 16:14	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			04/18/25 16:14	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			04/18/25 16:14	1
Dibromomethane	<0.330		1.00	0.330	ug/L			04/18/25 16:14	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			04/18/25 16:14	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			04/18/25 16:14	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			04/18/25 16:14	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			04/18/25 16:14	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			04/18/25 16:14	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			04/18/25 16:14	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			04/18/25 16:14	1
2-Hexanone	<2.00		10.0	2.00	ug/L			04/18/25 16:14	1
Iodomethane	<7.00		10.0	7.00	ug/L			04/18/25 16:14	1
Methylene chloride	<1.70		5.00	1.70	ug/L			04/18/25 16:14	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			04/18/25 16:14	1
Styrene	<0.370		1.00	0.370	ug/L			04/18/25 16:14	1
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			04/18/25 16:14	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			04/18/25 16:14	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			04/18/25 16:14	1
Toluene	<0.430		1.00	0.430	ug/L			04/18/25 16:14	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			04/18/25 16:14	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			04/18/25 16:14	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			04/18/25 16:14	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			04/18/25 16:14	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			04/18/25 16:14	1
Trichloroethene	<0.430		1.00	0.430	ug/L			04/18/25 16:14	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			04/18/25 16:14	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			04/18/25 16:14	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			04/18/25 16:14	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			04/18/25 16:14	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			04/18/25 16:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*		*04/18/25 16:14*	*1*

Client: HDR Inc
Project/Site: DMASWA

Job ID: 310-304315-1

Client Sample ID: MW-103A

Date Collected: 04/14/25 13:50
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-17

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*116*		*73 - 130*		*04/18/25 16:14*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*04/18/25 16:14*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		04/17/25 09:00	04/21/25 19:23	1
Arsenic	<0.000530		0.00200	0.000530	mg/L		04/17/25 09:00	04/21/25 19:23	1
Barium	**0.110**		0.00200	0.000660	mg/L		04/17/25 09:00	04/21/25 19:23	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		04/17/25 09:00	04/21/25 19:23	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		04/17/25 09:00	04/21/25 19:23	1
Chromium	<0.00180		0.00500	0.00180	mg/L		04/17/25 09:00	04/21/25 19:23	1
Cobalt	<0.000170		0.000500	0.000170	mg/L		04/17/25 09:00	04/21/25 19:23	1
Copper	<0.00320		0.00500	0.00320	mg/L		04/17/25 09:00	04/21/25 19:23	1
Lead	<0.000330		0.000500	0.000330	mg/L		04/17/25 09:00	04/21/25 19:23	1
Nickel	<0.00230		0.00500	0.00230	mg/L		04/17/25 09:00	04/21/25 19:23	1
Selenium	<0.00140		0.00500	0.00140	mg/L		04/17/25 09:00	04/21/25 19:23	1
Silver	<0.000500		0.00100	0.000500	mg/L		04/17/25 09:00	04/21/25 19:23	1
Thallium	<0.000570		0.00100	0.000570	mg/L		04/17/25 09:00	04/21/25 19:23	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		04/17/25 09:00	04/21/25 19:23	1
Zinc	<0.0130		0.0200	0.0130	mg/L		04/17/25 09:00	04/21/25 19:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**1.75**	**J**	1.88	1.31	mg/L			04/17/25 12:19	1

Client: HDR Inc
Project/Site: DMASWA

Job ID: 310-304315-1

Client Sample ID: MW-202A

Date Collected: 04/14/25 14:25
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-18

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<3.10		10.0	3.10	ug/L			04/18/25 16:36	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			04/18/25 16:36	1
Benzene	<0.220		0.500	0.220	ug/L			04/18/25 16:36	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			04/18/25 16:36	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			04/18/25 16:36	1
Bromoform	<0.780		5.00	0.780	ug/L			04/18/25 16:36	1
Bromomethane	<1.10		4.00	1.10	ug/L			04/18/25 16:36	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			04/18/25 16:36	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			04/18/25 16:36	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			04/18/25 16:36	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			04/18/25 16:36	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			04/18/25 16:36	1
Chloroethane	<0.790		4.00	0.790	ug/L			04/18/25 16:36	1
Chloroform	<1.30		3.00	1.30	ug/L			04/18/25 16:36	1
Chloromethane	<0.610		3.00	0.610	ug/L			04/18/25 16:36	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			04/18/25 16:36	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			04/18/25 16:36	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			04/18/25 16:36	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			04/18/25 16:36	1
Dibromomethane	<0.330		1.00	0.330	ug/L			04/18/25 16:36	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			04/18/25 16:36	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			04/18/25 16:36	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			04/18/25 16:36	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			04/18/25 16:36	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			04/18/25 16:36	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			04/18/25 16:36	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			04/18/25 16:36	1
2-Hexanone	<2.00		10.0	2.00	ug/L			04/18/25 16:36	1
Iodomethane	<7.00		10.0	7.00	ug/L			04/18/25 16:36	1
Methylene chloride	<1.70		5.00	1.70	ug/L			04/18/25 16:36	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			04/18/25 16:36	1
Styrene	<0.370		1.00	0.370	ug/L			04/18/25 16:36	1
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			04/18/25 16:36	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			04/18/25 16:36	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			04/18/25 16:36	1
Toluene	<0.430		1.00	0.430	ug/L			04/18/25 16:36	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			04/18/25 16:36	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			04/18/25 16:36	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			04/18/25 16:36	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			04/18/25 16:36	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			04/18/25 16:36	1
Trichloroethene	<0.430		1.00	0.430	ug/L			04/18/25 16:36	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			04/18/25 16:36	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			04/18/25 16:36	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			04/18/25 16:36	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			04/18/25 16:36	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			04/18/25 16:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*		*04/18/25 16:36*	*1*

Client: HDR Inc
Project/Site: DMASWA

Job ID: 310-304315-1

Client Sample ID: MW-202A

Date Collected: 04/14/25 14:25
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-18

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*110*		*73 - 130*		*04/18/25 16:36*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*04/18/25 16:36*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		04/17/25 09:00	04/21/25 19:26	1
Arsenic	**0.0115**		0.00200	0.000530	mg/L		04/17/25 09:00	04/21/25 19:26	1
Barium	**0.406**		0.00200	0.000660	mg/L		04/17/25 09:00	04/21/25 19:26	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		04/17/25 09:00	04/21/25 19:26	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		04/17/25 09:00	04/21/25 19:26	1
Chromium	<0.00180		0.00500	0.00180	mg/L		04/17/25 09:00	04/21/25 19:26	1
Cobalt	**0.00103**		0.000500	0.000170	mg/L		04/17/25 09:00	04/21/25 19:26	1
Copper	**0.00711**		0.00500	0.00320	mg/L		04/17/25 09:00	04/21/25 19:26	1
Lead	<0.000330		0.000500	0.000330	mg/L		04/17/25 09:00	04/21/25 19:26	1
Nickel	**0.00496**	**J**	0.00500	0.00230	mg/L		04/17/25 09:00	04/21/25 19:26	1
Selenium	<0.00140		0.00500	0.00140	mg/L		04/17/25 09:00	04/21/25 19:26	1
Silver	<0.000500		0.00100	0.000500	mg/L		04/17/25 09:00	04/21/25 19:26	1
Thallium	<0.000570		0.00100	0.000570	mg/L		04/17/25 09:00	04/21/25 19:26	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		04/17/25 09:00	04/21/25 19:26	1
Zinc	<0.0130		0.0200	0.0130	mg/L		04/17/25 09:00	04/21/25 19:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**35.5**		3.75	2.63	mg/L			04/17/25 12:19	1

Client: HDR Inc
Project/Site: DMASWA

Job ID: 310-304315-1

Client Sample ID: MW-204A

Date Collected: 04/14/25 15:05
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-19

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<3.10		10.0	3.10	ug/L			04/18/25 16:59	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			04/18/25 16:59	1
Benzene	<0.220		0.500	0.220	ug/L			04/18/25 16:59	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			04/18/25 16:59	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			04/18/25 16:59	1
Bromoform	<0.780		5.00	0.780	ug/L			04/18/25 16:59	1
Bromomethane	<1.10		4.00	1.10	ug/L			04/18/25 16:59	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			04/18/25 16:59	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			04/18/25 16:59	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			04/18/25 16:59	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			04/18/25 16:59	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			04/18/25 16:59	1
Chloroethane	<0.790		4.00	0.790	ug/L			04/18/25 16:59	1
Chloroform	<1.30		3.00	1.30	ug/L			04/18/25 16:59	1
Chloromethane	<0.610		3.00	0.610	ug/L			04/18/25 16:59	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			04/18/25 16:59	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			04/18/25 16:59	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			04/18/25 16:59	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			04/18/25 16:59	1
Dibromomethane	<0.330		1.00	0.330	ug/L			04/18/25 16:59	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			04/18/25 16:59	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			04/18/25 16:59	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			04/18/25 16:59	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			04/18/25 16:59	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			04/18/25 16:59	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			04/18/25 16:59	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			04/18/25 16:59	1
2-Hexanone	<2.00		10.0	2.00	ug/L			04/18/25 16:59	1
Iodomethane	<7.00		10.0	7.00	ug/L			04/18/25 16:59	1
Methylene chloride	<1.70		5.00	1.70	ug/L			04/18/25 16:59	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			04/18/25 16:59	1
Styrene	<0.370		1.00	0.370	ug/L			04/18/25 16:59	1
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			04/18/25 16:59	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			04/18/25 16:59	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			04/18/25 16:59	1
Toluene	<0.430		1.00	0.430	ug/L			04/18/25 16:59	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			04/18/25 16:59	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			04/18/25 16:59	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			04/18/25 16:59	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			04/18/25 16:59	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			04/18/25 16:59	1
Trichloroethene	<0.430		1.00	0.430	ug/L			04/18/25 16:59	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			04/18/25 16:59	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			04/18/25 16:59	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			04/18/25 16:59	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			04/18/25 16:59	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			04/18/25 16:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*		*04/18/25 16:59*	*1*

Client: HDR Inc
Project/Site: DMASWA

Job ID: 310-304315-1

Client Sample ID: MW-204A

Date Collected: 04/14/25 15:05
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-19

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*116*		*73 - 130*		*04/18/25 16:59*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*04/18/25 16:59*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		04/17/25 09:00	04/21/25 19:29	1
Arsenic	<0.000530		0.00200	0.000530	mg/L		04/17/25 09:00	04/21/25 19:29	1
Barium	**0.305**		0.00200	0.000660	mg/L		04/17/25 09:00	04/21/25 19:29	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		04/17/25 09:00	04/21/25 19:29	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		04/17/25 09:00	04/21/25 19:29	1
Chromium	<0.00180		0.00500	0.00180	mg/L		04/17/25 09:00	04/21/25 19:29	1
Cobalt	**0.00304**		0.000500	0.000170	mg/L		04/17/25 09:00	04/21/25 19:29	1
Copper	**0.00396**	**J**	0.00500	0.00320	mg/L		04/17/25 09:00	04/21/25 19:29	1
Lead	<0.000330		0.000500	0.000330	mg/L		04/17/25 09:00	04/21/25 19:29	1
Nickel	**0.0171**		0.00500	0.00230	mg/L		04/17/25 09:00	04/21/25 19:29	1
Selenium	<0.00140		0.00500	0.00140	mg/L		04/17/25 09:00	04/21/25 19:29	1
Silver	<0.000500		0.00100	0.000500	mg/L		04/17/25 09:00	04/21/25 19:29	1
Thallium	<0.000570		0.00100	0.000570	mg/L		04/17/25 09:00	04/21/25 19:29	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		04/17/25 09:00	04/21/25 19:29	1
Zinc	<0.0130		0.0200	0.0130	mg/L		04/17/25 09:00	04/21/25 19:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	<1.31		1.88	1.31	mg/L			04/17/25 12:19	1

Client Sample ID: P-105B

Date Collected: 04/14/25 15:55
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-20

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<3.10		10.0	3.10	ug/L			04/18/25 17:22	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			04/18/25 17:22	1
Benzene	<0.220		0.500	0.220	ug/L			04/18/25 17:22	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			04/18/25 17:22	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			04/18/25 17:22	1
Bromoform	<0.780		5.00	0.780	ug/L			04/18/25 17:22	1
Bromomethane	<1.10		4.00	1.10	ug/L			04/18/25 17:22	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			04/18/25 17:22	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			04/18/25 17:22	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			04/18/25 17:22	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			04/18/25 17:22	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			04/18/25 17:22	1
Chloroethane	<0.790		4.00	0.790	ug/L			04/18/25 17:22	1
Chloroform	<1.30		3.00	1.30	ug/L			04/18/25 17:22	1
Chloromethane	<0.610		3.00	0.610	ug/L			04/18/25 17:22	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			04/18/25 17:22	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			04/18/25 17:22	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			04/18/25 17:22	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			04/18/25 17:22	1
Dibromomethane	<0.330		1.00	0.330	ug/L			04/18/25 17:22	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			04/18/25 17:22	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			04/18/25 17:22	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			04/18/25 17:22	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			04/18/25 17:22	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			04/18/25 17:22	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			04/18/25 17:22	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			04/18/25 17:22	1
2-Hexanone	<2.00		10.0	2.00	ug/L			04/18/25 17:22	1
Iodomethane	<7.00		10.0	7.00	ug/L			04/18/25 17:22	1
Methylene chloride	<1.70		5.00	1.70	ug/L			04/18/25 17:22	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			04/18/25 17:22	1
Styrene	<0.370		1.00	0.370	ug/L			04/18/25 17:22	1
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			04/18/25 17:22	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			04/18/25 17:22	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			04/18/25 17:22	1
Toluene	<0.430		1.00	0.430	ug/L			04/18/25 17:22	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			04/18/25 17:22	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			04/18/25 17:22	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			04/18/25 17:22	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			04/18/25 17:22	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			04/18/25 17:22	1
Trichloroethene	<0.430		1.00	0.430	ug/L			04/18/25 17:22	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			04/18/25 17:22	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			04/18/25 17:22	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			04/18/25 17:22	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			04/18/25 17:22	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			04/18/25 17:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*80 - 120*		*04/18/25 17:22*	*1*

Client: HDR Inc
Project/Site: DMASWA

Job ID: 310-304315-1

Client Sample ID: P-105B
Date Collected: 04/14/25 15:55
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-20
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*112*		*73 - 130*		*04/18/25 17:22*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*04/18/25 17:22*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		04/17/25 09:00	04/21/25 19:32	1
Arsenic	**0.00123**	**J**	0.00200	0.000530	mg/L		04/17/25 09:00	04/21/25 19:32	1
Barium	**0.185**		0.00200	0.000660	mg/L		04/17/25 09:00	04/21/25 19:32	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		04/17/25 09:00	04/21/25 19:32	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		04/17/25 09:00	04/21/25 19:32	1
Chromium	<0.00180		0.00500	0.00180	mg/L		04/17/25 09:00	04/21/25 19:32	1
Cobalt	**0.000237**	**J**	0.000500	0.000170	mg/L		04/17/25 09:00	04/21/25 19:32	1
Copper	**0.00511**		0.00500	0.00320	mg/L		04/17/25 09:00	04/21/25 19:32	1
Lead	<0.000330		0.000500	0.000330	mg/L		04/17/25 09:00	04/21/25 19:32	1
Nickel	<0.00230		0.00500	0.00230	mg/L		04/17/25 09:00	04/21/25 19:32	1
Selenium	<0.00140		0.00500	0.00140	mg/L		04/17/25 09:00	04/21/25 19:32	1
Silver	<0.000500		0.00100	0.000500	mg/L		04/17/25 09:00	04/21/25 19:32	1
Thallium	<0.000570		0.00100	0.000570	mg/L		04/17/25 09:00	04/21/25 19:32	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		04/17/25 09:00	04/21/25 19:32	1
Zinc	<0.0130		0.0200	0.0130	mg/L		04/17/25 09:00	04/21/25 19:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**1.50**	**J**	1.88	1.31	mg/L			04/17/25 12:19	1

Client Sample ID: MW-605

Date Collected: 04/14/25 16:30
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-21

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<3.10		10.0	3.10	ug/L			04/18/25 17:44	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			04/18/25 17:44	1
Benzene	<0.220		0.500	0.220	ug/L			04/18/25 17:44	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			04/18/25 17:44	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			04/18/25 17:44	1
Bromoform	<0.780		5.00	0.780	ug/L			04/18/25 17:44	1
Bromomethane	<1.10		4.00	1.10	ug/L			04/18/25 17:44	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			04/18/25 17:44	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			04/18/25 17:44	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			04/18/25 17:44	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			04/18/25 17:44	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			04/18/25 17:44	1
Chloroethane	<0.790		4.00	0.790	ug/L			04/18/25 17:44	1
Chloroform	<1.30		3.00	1.30	ug/L			04/18/25 17:44	1
Chloromethane	<0.610		3.00	0.610	ug/L			04/18/25 17:44	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			04/18/25 17:44	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			04/18/25 17:44	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			04/18/25 17:44	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			04/18/25 17:44	1
Dibromomethane	<0.330		1.00	0.330	ug/L			04/18/25 17:44	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			04/18/25 17:44	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			04/18/25 17:44	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			04/18/25 17:44	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			04/18/25 17:44	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			04/18/25 17:44	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			04/18/25 17:44	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			04/18/25 17:44	1
2-Hexanone	<2.00		10.0	2.00	ug/L			04/18/25 17:44	1
Iodomethane	<7.00		10.0	7.00	ug/L			04/18/25 17:44	1
Methylene chloride	<1.70		5.00	1.70	ug/L			04/18/25 17:44	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			04/18/25 17:44	1
Styrene	<0.370		1.00	0.370	ug/L			04/18/25 17:44	1
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			04/18/25 17:44	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			04/18/25 17:44	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			04/18/25 17:44	1
Toluene	<0.430		1.00	0.430	ug/L			04/18/25 17:44	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			04/18/25 17:44	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			04/18/25 17:44	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			04/18/25 17:44	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			04/18/25 17:44	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			04/18/25 17:44	1
Trichloroethene	<0.430		1.00	0.430	ug/L			04/18/25 17:44	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			04/18/25 17:44	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			04/18/25 17:44	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			04/18/25 17:44	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			04/18/25 17:44	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			04/18/25 17:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*80 - 120*		*04/18/25 17:44*	*1*

Client: HDR Inc
Project/Site: DMASWA

Job ID: 310-304315-1

Client Sample ID: MW-605

Date Collected: 04/14/25 16:30
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-21

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*109*		*73 - 130*		*04/18/25 17:44*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*04/18/25 17:44*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		04/18/25 09:30	04/22/25 15:53	1
Arsenic	**0.000640**	**J B**	0.00200	0.000530	mg/L		04/18/25 09:30	04/23/25 16:10	1
Barium	**0.219**		0.00200	0.000660	mg/L		04/18/25 09:30	04/22/25 15:53	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		04/18/25 09:30	04/22/25 15:53	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		04/18/25 09:30	04/22/25 15:53	1
Chromium	<0.00180		0.00500	0.00180	mg/L		04/18/25 09:30	04/22/25 15:53	1
Cobalt	**0.00149**		0.000500	0.000170	mg/L		04/18/25 09:30	04/22/25 15:53	1
Copper	<0.00320		0.00500	0.00320	mg/L		04/18/25 09:30	04/22/25 15:53	1
Lead	<0.000330		0.000500	0.000330	mg/L		04/18/25 09:30	04/22/25 15:53	1
Nickel	**0.00563**		0.00500	0.00230	mg/L		04/18/25 09:30	04/22/25 15:53	1
Selenium	<0.00140		0.00500	0.00140	mg/L		04/18/25 09:30	04/22/25 15:53	1
Silver	<0.000500		0.00100	0.000500	mg/L		04/18/25 09:30	04/22/25 15:53	1
Thallium	<0.000570		0.00100	0.000570	mg/L		04/18/25 09:30	04/22/25 15:53	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		04/18/25 09:30	04/22/25 15:53	1
Zinc	<0.0130		0.0200	0.0130	mg/L		04/18/25 09:30	04/22/25 15:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**1.38**	**J**	1.88	1.31	mg/L			04/17/25 12:19	1

Client Sample ID: MW-604

Date Collected: 04/14/25 17:00
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-22

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<3.10		10.0	3.10	ug/L			04/18/25 18:07	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			04/18/25 18:07	1
Benzene	<0.220		0.500	0.220	ug/L			04/18/25 18:07	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			04/18/25 18:07	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			04/18/25 18:07	1
Bromoform	<0.780		5.00	0.780	ug/L			04/18/25 18:07	1
Bromomethane	<1.10		4.00	1.10	ug/L			04/18/25 18:07	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			04/18/25 18:07	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			04/18/25 18:07	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			04/18/25 18:07	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			04/18/25 18:07	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			04/18/25 18:07	1
Chloroethane	<0.790		4.00	0.790	ug/L			04/18/25 18:07	1
Chloroform	<1.30		3.00	1.30	ug/L			04/18/25 18:07	1
Chloromethane	<0.610		3.00	0.610	ug/L			04/18/25 18:07	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			04/18/25 18:07	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			04/18/25 18:07	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			04/18/25 18:07	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			04/18/25 18:07	1
Dibromomethane	<0.330		1.00	0.330	ug/L			04/18/25 18:07	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			04/18/25 18:07	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			04/18/25 18:07	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			04/18/25 18:07	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			04/18/25 18:07	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			04/18/25 18:07	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			04/18/25 18:07	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			04/18/25 18:07	1
2-Hexanone	<2.00		10.0	2.00	ug/L			04/18/25 18:07	1
Iodomethane	<7.00		10.0	7.00	ug/L			04/18/25 18:07	1
Methylene chloride	<1.70		5.00	1.70	ug/L			04/18/25 18:07	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			04/18/25 18:07	1
Styrene	<0.370		1.00	0.370	ug/L			04/18/25 18:07	1
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			04/18/25 18:07	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			04/18/25 18:07	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			04/18/25 18:07	1
Toluene	<0.430		1.00	0.430	ug/L			04/18/25 18:07	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			04/18/25 18:07	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			04/18/25 18:07	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			04/18/25 18:07	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			04/18/25 18:07	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			04/18/25 18:07	1
Trichloroethene	<0.430		1.00	0.430	ug/L			04/18/25 18:07	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			04/18/25 18:07	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			04/18/25 18:07	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			04/18/25 18:07	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			04/18/25 18:07	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			04/18/25 18:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*80 - 120*		*04/18/25 18:07*	*1*

Client: HDR Inc
Project/Site: DMASWA

Job ID: 310-304315-1

Client Sample ID: MW-604

Date Collected: 04/14/25 17:00
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-22

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*112*		*73 - 130*		*04/18/25 18:07*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*04/18/25 18:07*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		04/18/25 09:30	04/22/25 15:39	1
Arsenic	**0.000561**	**J B**	0.00200	0.000530	mg/L		04/18/25 09:30	04/22/25 15:39	1
Barium	**0.192**		0.00200	0.000660	mg/L		04/18/25 09:30	04/22/25 15:39	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		04/18/25 09:30	04/22/25 15:39	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		04/18/25 09:30	04/22/25 15:39	1
Chromium	<0.00180		0.00500	0.00180	mg/L		04/18/25 09:30	04/22/25 15:39	1
Cobalt	**0.000173**	**J**	0.000500	0.000170	mg/L		04/18/25 09:30	04/22/25 15:39	1
Copper	<0.00320		0.00500	0.00320	mg/L		04/18/25 09:30	04/22/25 15:39	1
Lead	<0.000330		0.000500	0.000330	mg/L		04/18/25 09:30	04/22/25 15:39	1
Nickel	<0.00230		0.00500	0.00230	mg/L		04/18/25 09:30	04/22/25 15:39	1
Selenium	<0.00140		0.00500	0.00140	mg/L		04/18/25 09:30	04/22/25 15:39	1
Silver	<0.000500		0.00100	0.000500	mg/L		04/18/25 09:30	04/22/25 15:39	1
Thallium	<0.000570		0.00100	0.000570	mg/L		04/18/25 09:30	04/22/25 15:39	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		04/18/25 09:30	04/22/25 15:39	1
Zinc	<0.0130		0.0200	0.0130	mg/L		04/18/25 09:30	04/22/25 15:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	<1.31		1.88	1.31	mg/L			04/17/25 12:19	1

Client: HDR Inc
Project/Site: DMASWA

Job ID: 310-304315-1

Client Sample ID: MW-108AR

Date Collected: 04/15/25 06:25
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-23

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<3.10		10.0	3.10	ug/L			04/20/25 00:34	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			04/20/25 00:34	1
Benzene	<0.220		0.500	0.220	ug/L			04/20/25 00:34	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			04/20/25 00:34	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			04/20/25 00:34	1
Bromoform	<0.780		5.00	0.780	ug/L			04/20/25 00:34	1
Bromomethane	<1.10		4.00	1.10	ug/L			04/20/25 00:34	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			04/20/25 00:34	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			04/20/25 00:34	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			04/20/25 00:34	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			04/20/25 00:34	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			04/20/25 00:34	1
Chloroethane	<0.790		4.00	0.790	ug/L			04/20/25 00:34	1
Chloroform	<1.30		3.00	1.30	ug/L			04/20/25 00:34	1
Chloromethane	<0.610		3.00	0.610	ug/L			04/20/25 00:34	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			04/20/25 00:34	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			04/20/25 00:34	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			04/20/25 00:34	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			04/20/25 00:34	1
Dibromomethane	<0.330		1.00	0.330	ug/L			04/20/25 00:34	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			04/20/25 00:34	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			04/20/25 00:34	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			04/20/25 00:34	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			04/20/25 00:34	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			04/20/25 00:34	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			04/20/25 00:34	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			04/20/25 00:34	1
2-Hexanone	<2.00		10.0	2.00	ug/L			04/20/25 00:34	1
Iodomethane	<7.00		10.0	7.00	ug/L			04/20/25 00:34	1
Methylene chloride	<1.70		5.00	1.70	ug/L			04/20/25 00:34	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			04/20/25 00:34	1
Styrene	<0.370		1.00	0.370	ug/L			04/20/25 00:34	1
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			04/20/25 00:34	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			04/20/25 00:34	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			04/20/25 00:34	1
Toluene	<0.430		1.00	0.430	ug/L			04/20/25 00:34	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			04/20/25 00:34	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			04/20/25 00:34	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			04/20/25 00:34	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			04/20/25 00:34	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			04/20/25 00:34	1
Trichloroethene	<0.430		1.00	0.430	ug/L			04/20/25 00:34	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			04/20/25 00:34	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			04/20/25 00:34	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			04/20/25 00:34	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			04/20/25 00:34	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			04/20/25 00:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*		*04/20/25 00:34*	*1*

Client: HDR Inc
Project/Site: DMASWA

Job ID: 310-304315-1

Client Sample ID: MW-108AR

Date Collected: 04/15/25 06:25
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-23

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*116*		*73 - 130*		*04/20/25 00:34*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*04/20/25 00:34*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		04/18/25 09:30	04/22/25 15:36	1
Arsenic	**0.000939**	**J B**	0.00200	0.000530	mg/L		04/18/25 09:30	04/22/25 15:36	1
Barium	**0.169**		0.00200	0.000660	mg/L		04/18/25 09:30	04/22/25 15:36	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		04/18/25 09:30	04/22/25 15:36	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		04/18/25 09:30	04/22/25 15:36	1
Chromium	<0.00180		0.00500	0.00180	mg/L		04/18/25 09:30	04/22/25 15:36	1
Cobalt	**0.00121**		0.000500	0.000170	mg/L		04/18/25 09:30	04/22/25 15:36	1
Copper	<0.00320		0.00500	0.00320	mg/L		04/18/25 09:30	04/22/25 15:36	1
Lead	**0.000360**	**J**	0.000500	0.000330	mg/L		04/18/25 09:30	04/22/25 15:36	1
Nickel	**0.00314**	**J**	0.00500	0.00230	mg/L		04/18/25 09:30	04/22/25 15:36	1
Selenium	<0.00140		0.00500	0.00140	mg/L		04/18/25 09:30	04/22/25 15:36	1
Silver	<0.000500		0.00100	0.000500	mg/L		04/18/25 09:30	04/22/25 15:36	1
Thallium	<0.000570		0.00100	0.000570	mg/L		04/18/25 09:30	04/22/25 15:36	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		04/18/25 09:30	04/22/25 15:36	1
Zinc	<0.0130		0.0200	0.0130	mg/L		04/18/25 09:30	04/22/25 15:36	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**3.13**		1.88	1.31	mg/L			04/18/25 13:43	1

Client: HDR Inc
Project/Site: DMASWA

Job ID: 310-304315-1

Client Sample ID: Dup-3

Date Collected: 04/15/25 13:00
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-24

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<3.10		10.0	3.10	ug/L			04/20/25 00:57	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			04/20/25 00:57	1
Benzene	<0.220		0.500	0.220	ug/L			04/20/25 00:57	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			04/20/25 00:57	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			04/20/25 00:57	1
Bromoform	<0.780		5.00	0.780	ug/L			04/20/25 00:57	1
Bromomethane	<1.10		4.00	1.10	ug/L			04/20/25 00:57	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			04/20/25 00:57	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			04/20/25 00:57	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			04/20/25 00:57	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			04/20/25 00:57	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			04/20/25 00:57	1
Chloroethane	<0.790		4.00	0.790	ug/L			04/20/25 00:57	1
Chloroform	<1.30		3.00	1.30	ug/L			04/20/25 00:57	1
Chloromethane	<0.610		3.00	0.610	ug/L			04/20/25 00:57	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			04/20/25 00:57	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			04/20/25 00:57	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			04/20/25 00:57	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			04/20/25 00:57	1
Dibromomethane	<0.330		1.00	0.330	ug/L			04/20/25 00:57	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			04/20/25 00:57	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			04/20/25 00:57	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			04/20/25 00:57	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			04/20/25 00:57	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			04/20/25 00:57	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			04/20/25 00:57	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			04/20/25 00:57	1
2-Hexanone	<2.00		10.0	2.00	ug/L			04/20/25 00:57	1
Iodomethane	<7.00		10.0	7.00	ug/L			04/20/25 00:57	1
Methylene chloride	<1.70		5.00	1.70	ug/L			04/20/25 00:57	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			04/20/25 00:57	1
Styrene	<0.370		1.00	0.370	ug/L			04/20/25 00:57	1
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			04/20/25 00:57	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			04/20/25 00:57	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			04/20/25 00:57	1
Toluene	<0.430		1.00	0.430	ug/L			04/20/25 00:57	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			04/20/25 00:57	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			04/20/25 00:57	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			04/20/25 00:57	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			04/20/25 00:57	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			04/20/25 00:57	1
Trichloroethene	<0.430		1.00	0.430	ug/L			04/20/25 00:57	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			04/20/25 00:57	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			04/20/25 00:57	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			04/20/25 00:57	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			04/20/25 00:57	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			04/20/25 00:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*80 - 120*		*04/20/25 00:57*	*1*

Client: HDR Inc
Project/Site: DMASWA

Job ID: 310-304315-1

Client Sample ID: Dup-3
Date Collected: 04/15/25 13:00
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-24
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*117*		*73 - 130*		*04/20/25 00:57*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*04/20/25 00:57*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		04/18/25 09:30	04/22/25 15:30	1
Arsenic	**0.000797**	**J B**	0.00200	0.000530	mg/L		04/18/25 09:30	04/22/25 15:30	1
Barium	**0.174**		0.00200	0.000660	mg/L		04/18/25 09:30	04/22/25 15:30	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		04/18/25 09:30	04/22/25 15:30	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		04/18/25 09:30	04/22/25 15:30	1
Chromium	<0.00180		0.00500	0.00180	mg/L		04/18/25 09:30	04/22/25 15:30	1
Cobalt	**0.00118**		0.000500	0.000170	mg/L		04/18/25 09:30	04/22/25 15:30	1
Copper	<0.00320		0.00500	0.00320	mg/L		04/18/25 09:30	04/22/25 15:30	1
Lead	<0.000330		0.000500	0.000330	mg/L		04/18/25 09:30	04/22/25 15:30	1
Nickel	**0.00317**	**J**	0.00500	0.00230	mg/L		04/18/25 09:30	04/22/25 15:30	1
Selenium	<0.00140		0.00500	0.00140	mg/L		04/18/25 09:30	04/22/25 15:30	1
Silver	<0.000500		0.00100	0.000500	mg/L		04/18/25 09:30	04/22/25 15:30	1
Thallium	<0.000570		0.00100	0.000570	mg/L		04/18/25 09:30	04/22/25 15:30	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		04/18/25 09:30	04/22/25 15:30	1
Zinc	<0.0130		0.0200	0.0130	mg/L		04/18/25 09:30	04/22/25 15:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**3.00**		1.88	1.31	mg/L			04/18/25 13:43	1

Client Sample ID: EQ-1

Date Collected: 04/15/25 06:35
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-25

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<3.10		10.0	3.10	ug/L			04/19/25 21:32	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			04/19/25 21:32	1
Benzene	<0.220		0.500	0.220	ug/L			04/19/25 21:32	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			04/19/25 21:32	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			04/19/25 21:32	1
Bromoform	<0.780		5.00	0.780	ug/L			04/19/25 21:32	1
Bromomethane	<1.10		4.00	1.10	ug/L			04/19/25 21:32	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			04/19/25 21:32	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			04/19/25 21:32	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			04/19/25 21:32	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			04/19/25 21:32	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			04/19/25 21:32	1
Chloroethane	<0.790		4.00	0.790	ug/L			04/19/25 21:32	1
Chloroform	<1.30		3.00	1.30	ug/L			04/19/25 21:32	1
Chloromethane	<0.610		3.00	0.610	ug/L			04/19/25 21:32	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			04/19/25 21:32	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			04/19/25 21:32	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			04/19/25 21:32	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			04/19/25 21:32	1
Dibromomethane	<0.330		1.00	0.330	ug/L			04/19/25 21:32	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			04/19/25 21:32	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			04/19/25 21:32	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			04/19/25 21:32	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			04/19/25 21:32	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			04/19/25 21:32	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			04/19/25 21:32	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			04/19/25 21:32	1
2-Hexanone	<2.00		10.0	2.00	ug/L			04/19/25 21:32	1
Iodomethane	<7.00		10.0	7.00	ug/L			04/19/25 21:32	1
Methylene chloride	<1.70		5.00	1.70	ug/L			04/19/25 21:32	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			04/19/25 21:32	1
Styrene	<0.370		1.00	0.370	ug/L			04/19/25 21:32	1
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			04/19/25 21:32	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			04/19/25 21:32	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			04/19/25 21:32	1
Toluene	<0.430		1.00	0.430	ug/L			04/19/25 21:32	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			04/19/25 21:32	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			04/19/25 21:32	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			04/19/25 21:32	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			04/19/25 21:32	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			04/19/25 21:32	1
Trichloroethene	<0.430		1.00	0.430	ug/L			04/19/25 21:32	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			04/19/25 21:32	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			04/19/25 21:32	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			04/19/25 21:32	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			04/19/25 21:32	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			04/19/25 21:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*80 - 120*		*04/19/25 21:32*	*1*

Client: HDR Inc
Project/Site: DMASWA

Job ID: 310-304315-1

Client Sample ID: EQ-1

Date Collected: 04/15/25 06:35
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-25

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*113*		*73 - 130*		*04/19/25 21:32*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*04/19/25 21:32*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		04/18/25 09:30	04/22/25 15:33	1
Arsenic	<0.000530		0.00200	0.000530	mg/L		04/18/25 09:30	04/22/25 15:33	1
Barium	**0.00141**	**J**	0.00200	0.000660	mg/L		04/18/25 09:30	04/22/25 15:33	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		04/18/25 09:30	04/22/25 15:33	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		04/18/25 09:30	04/22/25 15:33	1
Chromium	<0.00180		0.00500	0.00180	mg/L		04/18/25 09:30	04/22/25 15:33	1
Cobalt	<0.000170		0.000500	0.000170	mg/L		04/18/25 09:30	04/22/25 15:33	1
Copper	<0.00320		0.00500	0.00320	mg/L		04/18/25 09:30	04/22/25 15:33	1
Lead	<0.000330		0.000500	0.000330	mg/L		04/18/25 09:30	04/22/25 15:33	1
Nickel	<0.00230		0.00500	0.00230	mg/L		04/18/25 09:30	04/22/25 15:33	1
Selenium	<0.00140		0.00500	0.00140	mg/L		04/18/25 09:30	04/22/25 15:33	1
Silver	<0.000500		0.00100	0.000500	mg/L		04/18/25 09:30	04/22/25 15:33	1
Thallium	<0.000570		0.00100	0.000570	mg/L		04/18/25 09:30	04/22/25 15:33	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		04/18/25 09:30	04/22/25 15:33	1
Zinc	<0.0130		0.0200	0.0130	mg/L		04/18/25 09:30	04/22/25 15:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**4.88**		1.88	1.31	mg/L			04/18/25 11:16	1

Client: HDR Inc
Project/Site: DMASWA

Job ID: 310-304315-1

Client Sample ID: P-108B

Date Collected: 04/15/25 07:55
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-26

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<3.10		10.0	3.10	ug/L			04/20/25 01:19	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			04/20/25 01:19	1
Benzene	<0.220		0.500	0.220	ug/L			04/20/25 01:19	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			04/20/25 01:19	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			04/20/25 01:19	1
Bromoform	<0.780		5.00	0.780	ug/L			04/20/25 01:19	1
Bromomethane	<1.10		4.00	1.10	ug/L			04/20/25 01:19	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			04/20/25 01:19	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			04/20/25 01:19	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			04/20/25 01:19	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			04/20/25 01:19	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			04/20/25 01:19	1
Chloroethane	<0.790		4.00	0.790	ug/L			04/20/25 01:19	1
Chloroform	<1.30		3.00	1.30	ug/L			04/20/25 01:19	1
Chloromethane	<0.610		3.00	0.610	ug/L			04/20/25 01:19	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			04/20/25 01:19	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			04/20/25 01:19	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			04/20/25 01:19	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			04/20/25 01:19	1
Dibromomethane	<0.330		1.00	0.330	ug/L			04/20/25 01:19	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			04/20/25 01:19	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			04/20/25 01:19	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			04/20/25 01:19	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			04/20/25 01:19	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			04/20/25 01:19	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			04/20/25 01:19	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			04/20/25 01:19	1
2-Hexanone	<2.00		10.0	2.00	ug/L			04/20/25 01:19	1
Iodomethane	<7.00		10.0	7.00	ug/L			04/20/25 01:19	1
Methylene chloride	<1.70		5.00	1.70	ug/L			04/20/25 01:19	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			04/20/25 01:19	1
Styrene	<0.370		1.00	0.370	ug/L			04/20/25 01:19	1
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			04/20/25 01:19	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			04/20/25 01:19	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			04/20/25 01:19	1
Toluene	<0.430		1.00	0.430	ug/L			04/20/25 01:19	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			04/20/25 01:19	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			04/20/25 01:19	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			04/20/25 01:19	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			04/20/25 01:19	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			04/20/25 01:19	1
Trichloroethene	<0.430		1.00	0.430	ug/L			04/20/25 01:19	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			04/20/25 01:19	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			04/20/25 01:19	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			04/20/25 01:19	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			04/20/25 01:19	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			04/20/25 01:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*80 - 120*		*04/20/25 01:19*	*1*

Client: HDR Inc
Project/Site: DMASWA

Job ID: 310-304315-1

Client Sample ID: P-108B

Date Collected: 04/15/25 07:55
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-26

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*113*		*73 - 130*		*04/20/25 01:19*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*04/20/25 01:19*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		04/18/25 09:30	04/18/25 19:54	1
Arsenic	<0.000530		0.00200	0.000530	mg/L		04/18/25 09:30	04/18/25 19:54	1
Barium	**0.181**		0.00200	0.000660	mg/L		04/18/25 09:30	04/18/25 19:54	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		04/18/25 09:30	04/18/25 19:54	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		04/18/25 09:30	04/18/25 19:54	1
Chromium	<0.00180		0.00500	0.00180	mg/L		04/18/25 09:30	04/18/25 19:54	1
Cobalt	<0.000170		0.000500	0.000170	mg/L		04/18/25 09:30	04/18/25 19:54	1
Copper	<0.00320		0.00500	0.00320	mg/L		04/18/25 09:30	04/18/25 19:54	1
Lead	**0.000766**		0.000500	0.000330	mg/L		04/18/25 09:30	04/18/25 19:54	1
Nickel	<0.00230		0.00500	0.00230	mg/L		04/18/25 09:30	04/18/25 19:54	1
Selenium	<0.00140		0.00500	0.00140	mg/L		04/18/25 09:30	04/18/25 19:54	1
Silver	<0.000500		0.00100	0.000500	mg/L		04/18/25 09:30	04/18/25 19:54	1
Thallium	<0.000570		0.00100	0.000570	mg/L		04/18/25 09:30	04/18/25 19:54	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		04/18/25 09:30	04/18/25 19:54	1
Zinc	<0.0130		0.0200	0.0130	mg/L		04/18/25 09:30	04/18/25 19:54	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	<1.31		1.88	1.31	mg/L			04/18/25 13:43	1

Client Sample ID: MW-114AR

Date Collected: 04/15/25 08:35
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-27

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<3.10		10.0	3.10	ug/L			04/20/25 01:42	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			04/20/25 01:42	1
Benzene	<0.220		0.500	0.220	ug/L			04/20/25 01:42	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			04/20/25 01:42	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			04/20/25 01:42	1
Bromoform	<0.780		5.00	0.780	ug/L			04/20/25 01:42	1
Bromomethane	<1.10		4.00	1.10	ug/L			04/20/25 01:42	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			04/20/25 01:42	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			04/20/25 01:42	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			04/20/25 01:42	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			04/20/25 01:42	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			04/20/25 01:42	1
Chloroethane	<0.790		4.00	0.790	ug/L			04/20/25 01:42	1
Chloroform	<1.30		3.00	1.30	ug/L			04/20/25 01:42	1
Chloromethane	<0.610		3.00	0.610	ug/L			04/20/25 01:42	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			04/20/25 01:42	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			04/20/25 01:42	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			04/20/25 01:42	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			04/20/25 01:42	1
Dibromomethane	<0.330		1.00	0.330	ug/L			04/20/25 01:42	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			04/20/25 01:42	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			04/20/25 01:42	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			04/20/25 01:42	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			04/20/25 01:42	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			04/20/25 01:42	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			04/20/25 01:42	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			04/20/25 01:42	1
2-Hexanone	<2.00		10.0	2.00	ug/L			04/20/25 01:42	1
Iodomethane	<7.00		10.0	7.00	ug/L			04/20/25 01:42	1
Methylene chloride	<1.70		5.00	1.70	ug/L			04/20/25 01:42	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			04/20/25 01:42	1
Styrene	<0.370		1.00	0.370	ug/L			04/20/25 01:42	1
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			04/20/25 01:42	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			04/20/25 01:42	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			04/20/25 01:42	1
Toluene	<0.430		1.00	0.430	ug/L			04/20/25 01:42	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			04/20/25 01:42	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			04/20/25 01:42	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			04/20/25 01:42	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			04/20/25 01:42	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			04/20/25 01:42	1
Trichloroethene	<0.430		1.00	0.430	ug/L			04/20/25 01:42	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			04/20/25 01:42	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			04/20/25 01:42	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			04/20/25 01:42	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			04/20/25 01:42	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			04/20/25 01:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*80 - 120*		*04/20/25 01:42*	*1*

Client: HDR Inc
Project/Site: DMASWA

Job ID: 310-304315-1

Client Sample ID: MW-114AR
Date Collected: 04/15/25 08:35
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-27
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*110*		*73 - 130*		*04/20/25 01:42*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*04/20/25 01:42*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		04/18/25 09:30	04/18/25 19:52	1
Arsenic	<0.000530		0.00200	0.000530	mg/L		04/18/25 09:30	04/18/25 19:52	1
Barium	**0.122**		0.00200	0.000660	mg/L		04/18/25 09:30	04/18/25 19:52	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		04/18/25 09:30	04/18/25 19:52	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		04/18/25 09:30	04/18/25 19:52	1
Chromium	<0.00180		0.00500	0.00180	mg/L		04/18/25 09:30	04/18/25 19:52	1
Cobalt	**0.000226**	**J**	0.000500	0.000170	mg/L		04/18/25 09:30	04/18/25 19:52	1
Copper	<0.00320		0.00500	0.00320	mg/L		04/18/25 09:30	04/18/25 19:52	1
Lead	<0.000330		0.000500	0.000330	mg/L		04/18/25 09:30	04/18/25 19:52	1
Nickel	<0.00230		0.00500	0.00230	mg/L		04/18/25 09:30	04/18/25 19:52	1
Selenium	**0.00192**	**J**	0.00500	0.00140	mg/L		04/18/25 09:30	04/18/25 19:52	1
Silver	<0.000500		0.00100	0.000500	mg/L		04/18/25 09:30	04/18/25 19:52	1
Thallium	<0.000570		0.00100	0.000570	mg/L		04/18/25 09:30	04/18/25 19:52	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		04/18/25 09:30	04/18/25 19:52	1
Zinc	<0.0130		0.0200	0.0130	mg/L		04/18/25 09:30	04/18/25 19:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**34.1**		1.88	1.31	mg/L			04/18/25 11:16	1

Client: HDR Inc
Project/Site: DMASWA

Job ID: 310-304315-1

Client Sample ID: TB-2

Date Collected: 04/14/25 16:30
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-28

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<3.10		10.0	3.10	ug/L			04/19/25 21:55	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			04/19/25 21:55	1
Benzene	<0.220		0.500	0.220	ug/L			04/19/25 21:55	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			04/19/25 21:55	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			04/19/25 21:55	1
Bromoform	<0.780		5.00	0.780	ug/L			04/19/25 21:55	1
Bromomethane	<1.10		4.00	1.10	ug/L			04/19/25 21:55	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			04/19/25 21:55	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			04/19/25 21:55	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			04/19/25 21:55	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			04/19/25 21:55	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			04/19/25 21:55	1
Chloroethane	<0.790		4.00	0.790	ug/L			04/19/25 21:55	1
Chloroform	<1.30		3.00	1.30	ug/L			04/19/25 21:55	1
Chloromethane	<0.610		3.00	0.610	ug/L			04/19/25 21:55	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			04/19/25 21:55	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			04/19/25 21:55	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			04/19/25 21:55	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			04/19/25 21:55	1
Dibromomethane	<0.330		1.00	0.330	ug/L			04/19/25 21:55	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			04/19/25 21:55	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			04/19/25 21:55	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			04/19/25 21:55	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			04/19/25 21:55	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			04/19/25 21:55	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			04/19/25 21:55	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			04/19/25 21:55	1
2-Hexanone	<2.00		10.0	2.00	ug/L			04/19/25 21:55	1
Iodomethane	<7.00		10.0	7.00	ug/L			04/19/25 21:55	1
Methylene chloride	<1.70		5.00	1.70	ug/L			04/19/25 21:55	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			04/19/25 21:55	1
Styrene	<0.370		1.00	0.370	ug/L			04/19/25 21:55	1
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			04/19/25 21:55	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			04/19/25 21:55	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			04/19/25 21:55	1
Toluene	<0.430		1.00	0.430	ug/L			04/19/25 21:55	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			04/19/25 21:55	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			04/19/25 21:55	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			04/19/25 21:55	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			04/19/25 21:55	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			04/19/25 21:55	1
Trichloroethene	<0.430		1.00	0.430	ug/L			04/19/25 21:55	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			04/19/25 21:55	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			04/19/25 21:55	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			04/19/25 21:55	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			04/19/25 21:55	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			04/19/25 21:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*80 - 120*		*04/19/25 21:55*	*1*

Client: HDR Inc
Project/Site: DMASWA

Job ID: 310-304315-1

Client Sample ID: TB-2
Date Collected: 04/14/25 16:30
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-28
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	*114*		*73 - 130*		*04/19/25 21:55*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*04/19/25 21:55*	*1*

Client Sample ID: MW-109ARR

Date Collected: 04/15/25 07:15
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-29

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**3.68**	**J**	10.0	3.10	ug/L			04/20/25 02:05	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			04/20/25 02:05	1
Benzene	<0.220		0.500	0.220	ug/L			04/20/25 02:05	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			04/20/25 02:05	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			04/20/25 02:05	1
Bromoform	<0.780		5.00	0.780	ug/L			04/20/25 02:05	1
Bromomethane	<1.10		4.00	1.10	ug/L			04/20/25 02:05	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			04/20/25 02:05	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			04/20/25 02:05	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			04/20/25 02:05	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			04/20/25 02:05	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			04/20/25 02:05	1
Chloroethane	<0.790		4.00	0.790	ug/L			04/20/25 02:05	1
Chloroform	<1.30		3.00	1.30	ug/L			04/20/25 02:05	1
Chloromethane	<0.610		3.00	0.610	ug/L			04/20/25 02:05	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			04/20/25 02:05	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			04/20/25 02:05	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			04/20/25 02:05	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			04/20/25 02:05	1
Dibromomethane	<0.330		1.00	0.330	ug/L			04/20/25 02:05	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			04/20/25 02:05	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			04/20/25 02:05	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			04/20/25 02:05	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			04/20/25 02:05	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			04/20/25 02:05	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			04/20/25 02:05	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			04/20/25 02:05	1
2-Hexanone	<2.00		10.0	2.00	ug/L			04/20/25 02:05	1
Iodomethane	<7.00		10.0	7.00	ug/L			04/20/25 02:05	1
Methylene chloride	<1.70		5.00	1.70	ug/L			04/20/25 02:05	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			04/20/25 02:05	1
Styrene	<0.370		1.00	0.370	ug/L			04/20/25 02:05	1
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			04/20/25 02:05	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			04/20/25 02:05	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			04/20/25 02:05	1
Toluene	<0.430		1.00	0.430	ug/L			04/20/25 02:05	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			04/20/25 02:05	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			04/20/25 02:05	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			04/20/25 02:05	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			04/20/25 02:05	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			04/20/25 02:05	1
Trichloroethene	<0.430		1.00	0.430	ug/L			04/20/25 02:05	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			04/20/25 02:05	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			04/20/25 02:05	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			04/20/25 02:05	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			04/20/25 02:05	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			04/20/25 02:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*		*04/20/25 02:05*	*1*

Client: HDR Inc
Project/Site: DMASWA

Job ID: 310-304315-1

Client Sample ID: MW-109ARR

Date Collected: 04/15/25 07:15
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-29

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*116*		*73 - 130*		*04/20/25 02:05*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*		*04/20/25 02:05*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		04/18/25 09:30	04/18/25 19:49	1
Arsenic	**0.0104**		0.00200	0.000530	mg/L		04/18/25 09:30	04/18/25 19:49	1
Barium	**0.360**		0.00200	0.000660	mg/L		04/18/25 09:30	04/18/25 19:49	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		04/18/25 09:30	04/18/25 19:49	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		04/18/25 09:30	04/18/25 19:49	1
Chromium	<0.00180		0.00500	0.00180	mg/L		04/18/25 09:30	04/18/25 19:49	1
Cobalt	**0.00149**		0.000500	0.000170	mg/L		04/18/25 09:30	04/18/25 19:49	1
Copper	<0.00320		0.00500	0.00320	mg/L		04/18/25 09:30	04/18/25 19:49	1
Lead	<0.000330		0.000500	0.000330	mg/L		04/18/25 09:30	04/18/25 19:49	1
Nickel	<0.00230		0.00500	0.00230	mg/L		04/18/25 09:30	04/18/25 19:49	1
Selenium	<0.00140		0.00500	0.00140	mg/L		04/18/25 09:30	04/18/25 19:49	1
Silver	<0.000500		0.00100	0.000500	mg/L		04/18/25 09:30	04/18/25 19:49	1
Thallium	<0.000570		0.00100	0.000570	mg/L		04/18/25 09:30	04/18/25 19:49	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		04/18/25 09:30	04/18/25 19:49	1
Zinc	<0.0130		0.0200	0.0130	mg/L		04/18/25 09:30	04/18/25 19:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**26.5**		7.50	5.25	mg/L			04/18/25 11:51	1

Client Sample ID: OW-306AR

Date Collected: 04/15/25 09:35
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-30

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<3.10		10.0	3.10	ug/L			04/20/25 02:28	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			04/20/25 02:28	1
Benzene	<0.220		0.500	0.220	ug/L			04/20/25 02:28	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			04/20/25 02:28	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			04/20/25 02:28	1
Bromoform	<0.780		5.00	0.780	ug/L			04/20/25 02:28	1
Bromomethane	<1.10		4.00	1.10	ug/L			04/20/25 02:28	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			04/20/25 02:28	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			04/20/25 02:28	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			04/20/25 02:28	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			04/20/25 02:28	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			04/20/25 02:28	1
Chloroethane	<0.790		4.00	0.790	ug/L			04/20/25 02:28	1
Chloroform	<1.30		3.00	1.30	ug/L			04/20/25 02:28	1
Chloromethane	<0.610		3.00	0.610	ug/L			04/20/25 02:28	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			04/20/25 02:28	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			04/20/25 02:28	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			04/20/25 02:28	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			04/20/25 02:28	1
Dibromomethane	<0.330		1.00	0.330	ug/L			04/20/25 02:28	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			04/20/25 02:28	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			04/20/25 02:28	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			04/20/25 02:28	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			04/20/25 02:28	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			04/20/25 02:28	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			04/20/25 02:28	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			04/20/25 02:28	1
2-Hexanone	<2.00		10.0	2.00	ug/L			04/20/25 02:28	1
Iodomethane	<7.00		10.0	7.00	ug/L			04/20/25 02:28	1
Methylene chloride	<1.70		5.00	1.70	ug/L			04/20/25 02:28	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			04/20/25 02:28	1
Styrene	<0.370		1.00	0.370	ug/L			04/20/25 02:28	1
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			04/20/25 02:28	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			04/20/25 02:28	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			04/20/25 02:28	1
Toluene	<0.430		1.00	0.430	ug/L			04/20/25 02:28	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			04/20/25 02:28	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			04/20/25 02:28	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			04/20/25 02:28	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			04/20/25 02:28	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			04/20/25 02:28	1
Trichloroethene	<0.430		1.00	0.430	ug/L			04/20/25 02:28	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			04/20/25 02:28	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			04/20/25 02:28	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			04/20/25 02:28	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			04/20/25 02:28	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			04/20/25 02:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*		*04/20/25 02:28*	*1*

Client: HDR Inc
Project/Site: DMASWA

Job ID: 310-304315-1

Client Sample ID: OW-306AR

Date Collected: 04/15/25 09:35
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-30

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*114*		*73 - 130*		*04/20/25 02:28*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*04/20/25 02:28*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		04/18/25 09:30	04/22/25 15:48	1
Arsenic	**0.00110**	**J B**	0.00200	0.000530	mg/L		04/18/25 09:30	04/23/25 16:04	1
Barium	**0.122**		0.00200	0.000660	mg/L		04/18/25 09:30	04/22/25 15:48	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		04/18/25 09:30	04/22/25 15:48	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		04/18/25 09:30	04/22/25 15:48	1
Chromium	<0.00180		0.00500	0.00180	mg/L		04/18/25 09:30	04/22/25 15:48	1
Cobalt	**0.000885**		0.000500	0.000170	mg/L		04/18/25 09:30	04/22/25 15:48	1
Copper	<0.00320		0.00500	0.00320	mg/L		04/18/25 09:30	04/22/25 15:48	1
Lead	**0.000873**		0.000500	0.000330	mg/L		04/18/25 09:30	04/22/25 15:48	1
Nickel	**0.00346**	**J**	0.00500	0.00230	mg/L		04/18/25 09:30	04/22/25 15:48	1
Selenium	<0.00140		0.00500	0.00140	mg/L		04/18/25 09:30	04/22/25 15:48	1
Silver	<0.000500		0.00100	0.000500	mg/L		04/18/25 09:30	04/22/25 15:48	1
Thallium	<0.000570		0.00100	0.000570	mg/L		04/18/25 09:30	04/22/25 15:48	1
Vanadium	**0.00180**	**J**	0.00500	0.00170	mg/L		04/18/25 09:30	04/22/25 15:48	1
Zinc	**0.0149**	**J**	0.0200	0.0130	mg/L		04/18/25 09:30	04/22/25 15:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**39.2**		3.00	2.10	mg/L			04/18/25 13:43	1

Client: HDR Inc
Project/Site: DMASWA

Job ID: 310-304315-1

Client Sample ID: OW301A

Date Collected: 04/15/25 10:15
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-31

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<3.10		10.0	3.10	ug/L			04/20/25 02:50	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			04/20/25 02:50	1
Benzene	**0.420**	**J**	0.500	0.220	ug/L			04/20/25 02:50	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			04/20/25 02:50	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			04/20/25 02:50	1
Bromoform	<0.780		5.00	0.780	ug/L			04/20/25 02:50	1
Bromomethane	<1.10		4.00	1.10	ug/L			04/20/25 02:50	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			04/20/25 02:50	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			04/20/25 02:50	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			04/20/25 02:50	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			04/20/25 02:50	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			04/20/25 02:50	1
Chloroethane	<0.790		4.00	0.790	ug/L			04/20/25 02:50	1
Chloroform	<1.30		3.00	1.30	ug/L			04/20/25 02:50	1
Chloromethane	<0.610		3.00	0.610	ug/L			04/20/25 02:50	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			04/20/25 02:50	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			04/20/25 02:50	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			04/20/25 02:50	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			04/20/25 02:50	1
Dibromomethane	<0.330		1.00	0.330	ug/L			04/20/25 02:50	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			04/20/25 02:50	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			04/20/25 02:50	1
1,1-Dichloroethane	**0.296**	**J**	1.00	0.220	ug/L			04/20/25 02:50	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			04/20/25 02:50	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			04/20/25 02:50	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			04/20/25 02:50	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			04/20/25 02:50	1
2-Hexanone	<2.00		10.0	2.00	ug/L			04/20/25 02:50	1
Iodomethane	<7.00		10.0	7.00	ug/L			04/20/25 02:50	1
Methylene chloride	<1.70		5.00	1.70	ug/L			04/20/25 02:50	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			04/20/25 02:50	1
Styrene	<0.370		1.00	0.370	ug/L			04/20/25 02:50	1
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			04/20/25 02:50	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			04/20/25 02:50	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			04/20/25 02:50	1
Toluene	<0.430		1.00	0.430	ug/L			04/20/25 02:50	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			04/20/25 02:50	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			04/20/25 02:50	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			04/20/25 02:50	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			04/20/25 02:50	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			04/20/25 02:50	1
Trichloroethene	<0.430		1.00	0.430	ug/L			04/20/25 02:50	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			04/20/25 02:50	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			04/20/25 02:50	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			04/20/25 02:50	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			04/20/25 02:50	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			04/20/25 02:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*80 - 120*		*04/20/25 02:50*	*1*

Client: HDR Inc
Project/Site: DMASWA

Job ID: 310-304315-1

Client Sample ID: OW301A

Date Collected: 04/15/25 10:15
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-31

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*115*		*73 - 130*		*04/20/25 02:50*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*04/20/25 02:50*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		04/18/25 09:30	04/18/25 19:47	1
Arsenic	**0.00400**		0.00200	0.000530	mg/L		04/18/25 09:30	04/18/25 19:47	1
Barium	**0.352**		0.00200	0.000660	mg/L		04/18/25 09:30	04/18/25 19:47	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		04/18/25 09:30	04/18/25 19:47	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		04/18/25 09:30	04/18/25 19:47	1
Chromium	<0.00180		0.00500	0.00180	mg/L		04/18/25 09:30	04/18/25 19:47	1
Cobalt	**0.00111**		0.000500	0.000170	mg/L		04/18/25 09:30	04/18/25 19:47	1
Copper	<0.00320		0.00500	0.00320	mg/L		04/18/25 09:30	04/18/25 19:47	1
Lead	<0.000330		0.000500	0.000330	mg/L		04/18/25 09:30	04/18/25 19:47	1
Nickel	<0.00230		0.00500	0.00230	mg/L		04/18/25 09:30	04/18/25 19:47	1
Selenium	<0.00140		0.00500	0.00140	mg/L		04/18/25 09:30	04/18/25 19:47	1
Silver	<0.000500		0.00100	0.000500	mg/L		04/18/25 09:30	04/18/25 19:47	1
Thallium	<0.000570		0.00100	0.000570	mg/L		04/18/25 09:30	04/18/25 19:47	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		04/18/25 09:30	04/18/25 19:47	1
Zinc	<0.0130		0.0200	0.0130	mg/L		04/18/25 09:30	04/18/25 19:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**16.0**		7.50	5.25	mg/L			04/18/25 11:16	1

Client: HDR Inc
Project/Site: DMASWA

Job ID: 310-304315-1

Client Sample ID: MW-137A

Date Collected: 04/15/25 11:05
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-32

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<3.10		10.0	3.10	ug/L			04/20/25 03:13	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			04/20/25 03:13	1
Benzene	<0.220		0.500	0.220	ug/L			04/20/25 03:13	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			04/20/25 03:13	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			04/20/25 03:13	1
Bromoform	<0.780		5.00	0.780	ug/L			04/20/25 03:13	1
Bromomethane	<1.10		4.00	1.10	ug/L			04/20/25 03:13	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			04/20/25 03:13	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			04/20/25 03:13	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			04/20/25 03:13	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			04/20/25 03:13	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			04/20/25 03:13	1
Chloroethane	<0.790		4.00	0.790	ug/L			04/20/25 03:13	1
Chloroform	<1.30		3.00	1.30	ug/L			04/20/25 03:13	1
Chloromethane	<0.610		3.00	0.610	ug/L			04/20/25 03:13	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			04/20/25 03:13	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			04/20/25 03:13	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			04/20/25 03:13	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			04/20/25 03:13	1
Dibromomethane	<0.330		1.00	0.330	ug/L			04/20/25 03:13	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			04/20/25 03:13	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			04/20/25 03:13	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			04/20/25 03:13	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			04/20/25 03:13	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			04/20/25 03:13	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			04/20/25 03:13	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			04/20/25 03:13	1
2-Hexanone	<2.00		10.0	2.00	ug/L			04/20/25 03:13	1
Iodomethane	<7.00		10.0	7.00	ug/L			04/20/25 03:13	1
Methylene chloride	<1.70		5.00	1.70	ug/L			04/20/25 03:13	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			04/20/25 03:13	1
Styrene	<0.370		1.00	0.370	ug/L			04/20/25 03:13	1
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			04/20/25 03:13	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			04/20/25 03:13	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			04/20/25 03:13	1
Toluene	<0.430		1.00	0.430	ug/L			04/20/25 03:13	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			04/20/25 03:13	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			04/20/25 03:13	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			04/20/25 03:13	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			04/20/25 03:13	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			04/20/25 03:13	1
Trichloroethene	<0.430		1.00	0.430	ug/L			04/20/25 03:13	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			04/20/25 03:13	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			04/20/25 03:13	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			04/20/25 03:13	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			04/20/25 03:13	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			04/20/25 03:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*80 - 120*		*04/20/25 03:13*	*1*

Client: HDR Inc
Project/Site: DMASWA

Job ID: 310-304315-1

Client Sample ID: MW-137A

Date Collected: 04/15/25 11:05
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-32

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*116*		*73 - 130*		*04/20/25 03:13*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*		*04/20/25 03:13*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		04/18/25 09:30	04/22/25 15:28	1
Arsenic	**0.000818**	**J B**	0.00200	0.000530	mg/L		04/18/25 09:30	04/22/25 15:28	1
Barium	**0.119**		0.00200	0.000660	mg/L		04/18/25 09:30	04/22/25 15:28	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		04/18/25 09:30	04/22/25 15:28	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		04/18/25 09:30	04/22/25 15:28	1
Chromium	<0.00180		0.00500	0.00180	mg/L		04/18/25 09:30	04/22/25 15:28	1
Cobalt	**0.000345**	**J**	0.000500	0.000170	mg/L		04/18/25 09:30	04/22/25 15:28	1
Copper	<0.00320		0.00500	0.00320	mg/L		04/18/25 09:30	04/22/25 15:28	1
Lead	**0.000511**		0.000500	0.000330	mg/L		04/18/25 09:30	04/22/25 15:28	1
Nickel	**0.00337**	**J**	0.00500	0.00230	mg/L		04/18/25 09:30	04/22/25 15:28	1
Selenium	<0.00140		0.00500	0.00140	mg/L		04/18/25 09:30	04/22/25 15:28	1
Silver	<0.000500		0.00100	0.000500	mg/L		04/18/25 09:30	04/22/25 15:28	1
Thallium	<0.000570		0.00100	0.000570	mg/L		04/18/25 09:30	04/22/25 15:28	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		04/18/25 09:30	04/22/25 15:28	1
Zinc	<0.0130		0.0200	0.0130	mg/L		04/18/25 09:30	04/22/25 15:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	**4.38**		1.88	1.31	mg/L			04/18/25 11:16	1

Client Sample ID: GU-3

Date Collected: 04/15/25 11:20
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-33

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<3.10		10.0	3.10	ug/L			04/20/25 03:36	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			04/20/25 03:36	1
Benzene	<0.220		0.500	0.220	ug/L			04/20/25 03:36	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			04/20/25 03:36	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			04/20/25 03:36	1
Bromoform	<0.780		5.00	0.780	ug/L			04/20/25 03:36	1
Bromomethane	<1.10		4.00	1.10	ug/L			04/20/25 03:36	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			04/20/25 03:36	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			04/20/25 03:36	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			04/20/25 03:36	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			04/20/25 03:36	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			04/20/25 03:36	1
Chloroethane	<0.790		4.00	0.790	ug/L			04/20/25 03:36	1
Chloroform	<1.30		3.00	1.30	ug/L			04/20/25 03:36	1
Chloromethane	<0.610		3.00	0.610	ug/L			04/20/25 03:36	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			04/20/25 03:36	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			04/20/25 03:36	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			04/20/25 03:36	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			04/20/25 03:36	1
Dibromomethane	<0.330		1.00	0.330	ug/L			04/20/25 03:36	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			04/20/25 03:36	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			04/20/25 03:36	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			04/20/25 03:36	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			04/20/25 03:36	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			04/20/25 03:36	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			04/20/25 03:36	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			04/20/25 03:36	1
2-Hexanone	<2.00		10.0	2.00	ug/L			04/20/25 03:36	1
Iodomethane	<7.00		10.0	7.00	ug/L			04/20/25 03:36	1
Methylene chloride	<1.70		5.00	1.70	ug/L			04/20/25 03:36	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			04/20/25 03:36	1
Styrene	<0.370		1.00	0.370	ug/L			04/20/25 03:36	1
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			04/20/25 03:36	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			04/20/25 03:36	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			04/20/25 03:36	1
Toluene	<0.430		1.00	0.430	ug/L			04/20/25 03:36	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			04/20/25 03:36	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			04/20/25 03:36	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			04/20/25 03:36	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			04/20/25 03:36	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			04/20/25 03:36	1
Trichloroethene	<0.430		1.00	0.430	ug/L			04/20/25 03:36	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			04/20/25 03:36	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			04/20/25 03:36	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			04/20/25 03:36	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			04/20/25 03:36	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			04/20/25 03:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*		*04/20/25 03:36*	*1*

Client: HDR Inc
Project/Site: DMASWA

Job ID: 310-304315-1

Client Sample ID: GU-3

Date Collected: 04/15/25 11:20
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-33

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*114*		*73 - 130*		*04/20/25 03:36*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*04/20/25 03:36*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		04/18/25 09:30	04/18/25 18:47	1
Arsenic	<0.000530		0.00200	0.000530	mg/L		04/18/25 09:30	04/18/25 18:47	1
Barium	**0.110**		0.00200	0.000660	mg/L		04/18/25 09:30	04/18/25 18:47	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		04/18/25 09:30	04/18/25 18:47	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		04/18/25 09:30	04/18/25 18:47	1
Chromium	<0.00180		0.00500	0.00180	mg/L		04/18/25 09:30	04/18/25 18:47	1
Cobalt	**0.000184**	**J**	0.000500	0.000170	mg/L		04/18/25 09:30	04/18/25 18:47	1
Copper	<0.00320		0.00500	0.00320	mg/L		04/18/25 09:30	04/18/25 18:47	1
Lead	<0.000330		0.000500	0.000330	mg/L		04/18/25 09:30	04/18/25 18:47	1
Nickel	<0.00230		0.00500	0.00230	mg/L		04/18/25 09:30	04/18/25 18:47	1
Selenium	<0.00140		0.00500	0.00140	mg/L		04/18/25 09:30	04/18/25 18:47	1
Silver	<0.000500		0.00100	0.000500	mg/L		04/18/25 09:30	04/18/25 18:47	1
Thallium	<0.000570		0.00100	0.000570	mg/L		04/18/25 09:30	04/18/25 18:47	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		04/18/25 09:30	04/18/25 18:47	1
Zinc	<0.0130		0.0200	0.0130	mg/L		04/18/25 09:30	04/18/25 18:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	<1.31		1.88	1.31	mg/L			04/18/25 11:16	1

Client: HDR Inc
Project/Site: DMASWA

Job ID: 310-304315-1

Client Sample ID: P-114BR

Date Collected: 04/15/25 09:00
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-34

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<3.10		10.0	3.10	ug/L			04/20/25 03:58	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			04/20/25 03:58	1
Benzene	<0.220		0.500	0.220	ug/L			04/20/25 03:58	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			04/20/25 03:58	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			04/20/25 03:58	1
Bromoform	<0.780		5.00	0.780	ug/L			04/20/25 03:58	1
Bromomethane	<1.10		4.00	1.10	ug/L			04/20/25 03:58	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			04/20/25 03:58	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			04/20/25 03:58	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			04/20/25 03:58	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			04/20/25 03:58	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			04/20/25 03:58	1
Chloroethane	<0.790		4.00	0.790	ug/L			04/20/25 03:58	1
Chloroform	<1.30		3.00	1.30	ug/L			04/20/25 03:58	1
Chloromethane	<0.610		3.00	0.610	ug/L			04/20/25 03:58	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			04/20/25 03:58	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			04/20/25 03:58	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			04/20/25 03:58	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			04/20/25 03:58	1
Dibromomethane	<0.330		1.00	0.330	ug/L			04/20/25 03:58	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			04/20/25 03:58	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			04/20/25 03:58	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			04/20/25 03:58	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			04/20/25 03:58	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			04/20/25 03:58	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			04/20/25 03:58	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			04/20/25 03:58	1
2-Hexanone	<2.00		10.0	2.00	ug/L			04/20/25 03:58	1
Iodomethane	<7.00		10.0	7.00	ug/L			04/20/25 03:58	1
Methylene chloride	<1.70		5.00	1.70	ug/L			04/20/25 03:58	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			04/20/25 03:58	1
Styrene	<0.370		1.00	0.370	ug/L			04/20/25 03:58	1
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			04/20/25 03:58	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			04/20/25 03:58	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			04/20/25 03:58	1
Toluene	<0.430		1.00	0.430	ug/L			04/20/25 03:58	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			04/20/25 03:58	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			04/20/25 03:58	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			04/20/25 03:58	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			04/20/25 03:58	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			04/20/25 03:58	1
Trichloroethene	<0.430		1.00	0.430	ug/L			04/20/25 03:58	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			04/20/25 03:58	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			04/20/25 03:58	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			04/20/25 03:58	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			04/20/25 03:58	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			04/20/25 03:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*80 - 120*		*04/20/25 03:58*	*1*

Client: HDR Inc
Project/Site: DMASWA

Job ID: 310-304315-1

Client Sample ID: P-114BR

Date Collected: 04/15/25 09:00
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-34

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*115*		*73 - 130*		*04/20/25 03:58*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*		*04/20/25 03:58*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		04/18/25 09:30	04/22/25 15:51	1
Arsenic	<0.000530		0.00200	0.000530	mg/L		04/18/25 09:30	04/23/25 16:07	1
Barium	**0.196**		0.00200	0.000660	mg/L		04/18/25 09:30	04/22/25 15:51	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		04/18/25 09:30	04/22/25 15:51	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		04/18/25 09:30	04/22/25 15:51	1
Chromium	<0.00180		0.00500	0.00180	mg/L		04/18/25 09:30	04/22/25 15:51	1
Cobalt	<0.000170		0.000500	0.000170	mg/L		04/18/25 09:30	04/22/25 15:51	1
Copper	<0.00320		0.00500	0.00320	mg/L		04/18/25 09:30	04/22/25 15:51	1
Lead	<0.000330		0.000500	0.000330	mg/L		04/18/25 09:30	04/22/25 15:51	1
Nickel	<0.00230		0.00500	0.00230	mg/L		04/18/25 09:30	04/22/25 15:51	1
Selenium	<0.00140		0.00500	0.00140	mg/L		04/18/25 09:30	04/22/25 15:51	1
Silver	<0.000500		0.00100	0.000500	mg/L		04/18/25 09:30	04/22/25 15:51	1
Thallium	<0.000570		0.00100	0.000570	mg/L		04/18/25 09:30	04/22/25 15:51	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		04/18/25 09:30	04/22/25 15:51	1
Zinc	<0.0130		0.0200	0.0130	mg/L		04/18/25 09:30	04/22/25 15:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	<1.31		1.88	1.31	mg/L			04/18/25 13:43	1

Client: HDR Inc
Project/Site: DMASWA

Job ID: 310-304315-1

Client Sample ID: TB-3

Date Collected: 04/15/25 11:10
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-35

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<3.10		10.0	3.10	ug/L			04/19/25 22:18	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			04/19/25 22:18	1
Benzene	<0.220		0.500	0.220	ug/L			04/19/25 22:18	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			04/19/25 22:18	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			04/19/25 22:18	1
Bromoform	<0.780		5.00	0.780	ug/L			04/19/25 22:18	1
Bromomethane	<1.10		4.00	1.10	ug/L			04/19/25 22:18	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			04/19/25 22:18	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			04/19/25 22:18	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			04/19/25 22:18	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			04/19/25 22:18	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			04/19/25 22:18	1
Chloroethane	<0.790		4.00	0.790	ug/L			04/19/25 22:18	1
Chloroform	<1.30		3.00	1.30	ug/L			04/19/25 22:18	1
Chloromethane	<0.610		3.00	0.610	ug/L			04/19/25 22:18	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			04/19/25 22:18	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			04/19/25 22:18	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			04/19/25 22:18	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			04/19/25 22:18	1
Dibromomethane	<0.330		1.00	0.330	ug/L			04/19/25 22:18	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			04/19/25 22:18	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			04/19/25 22:18	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			04/19/25 22:18	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			04/19/25 22:18	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			04/19/25 22:18	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			04/19/25 22:18	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			04/19/25 22:18	1
2-Hexanone	<2.00		10.0	2.00	ug/L			04/19/25 22:18	1
Iodomethane	<7.00		10.0	7.00	ug/L			04/19/25 22:18	1
Methylene chloride	<1.70		5.00	1.70	ug/L			04/19/25 22:18	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			04/19/25 22:18	1
Styrene	<0.370		1.00	0.370	ug/L			04/19/25 22:18	1
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			04/19/25 22:18	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			04/19/25 22:18	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			04/19/25 22:18	1
Toluene	<0.430		1.00	0.430	ug/L			04/19/25 22:18	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			04/19/25 22:18	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			04/19/25 22:18	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			04/19/25 22:18	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			04/19/25 22:18	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			04/19/25 22:18	1
Trichloroethene	<0.430		1.00	0.430	ug/L			04/19/25 22:18	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			04/19/25 22:18	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			04/19/25 22:18	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			04/19/25 22:18	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			04/19/25 22:18	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			04/19/25 22:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*80 - 120*		*04/19/25 22:18*	*1*

Client: HDR Inc
Project/Site: DMASWA

Job ID: 310-304315-1

Client Sample ID: TB-3
Date Collected: 04/15/25 11:10
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-35
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	*117*		*73 - 130*		*04/19/25 22:18*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*04/19/25 22:18*	*1*

Definitions/Glossary

Client: HDR Inc
Project/Site: DMASWA

Job ID: 310-304315-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Surrogate Summary

Client: HDR Inc
Project/Site: DMASWA

Job ID: 310-304315-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)		
		BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(80-120)	(73-130)	(80-120)
310-304315-1	MW-120AR	105	117	94
310-304315-2	P-120B	107	116	94
310-304315-3	TB-1	108	110	98
310-304315-4	P-504B	104	115	97
310-304315-4 MS	P-504B	100	99	101
310-304315-4 MSD	P-504B	103	97	98
310-304315-5	P-503B	106	114	97
310-304315-6	MW-505A	104	112	98
310-304315-7	MW-502A	105	113	95
310-304315-8	MW-501A	107	115	97
310-304315-9	MW-404A	109	112	96
310-304315-10	Dup-1	110	115	99
310-304315-11	MW-403A	105	113	95
310-304315-12	MW-402A	106	111	99
310-304315-13	MW-401A	107	114	99
310-304315-14	MW-102A	108	112	95
310-304315-15	Dup-2	106	112	97
310-304315-16	MW-201A	105	111	95
310-304315-17	MW-103A	106	116	95
310-304315-18	MW-202A	106	110	97
310-304315-19	MW-204A	106	116	97
310-304315-20	P-105B	107	112	97
310-304315-21	MW-605	107	109	98
310-304315-22	MW-604	108	112	95
310-304315-23	MW-108AR	104	116	95
310-304315-24	Dup-3	105	117	94
310-304315-25	EQ-1	105	113	94
310-304315-26	P-108B	111	113	97
310-304315-27	MW-114AR	107	110	96
310-304315-28	TB-2	105	114	95
310-304315-29	MW-109ARR	103	116	93
310-304315-30	OW-306AR	106	114	95
310-304315-31	OW301A	105	115	95
310-304315-32	MW-137A	107	116	93
310-304315-33	GU-3	103	114	94
310-304315-34	P-114BR	107	115	93
310-304315-35	TB-3	112	117	96
LCS 310-451876/7	Lab Control Sample	99	97	100
LCS 310-451876/8	Lab Control Sample	105	115	96
LCS 310-452071/7	Lab Control Sample	103	96	100
LCS 310-452071/8	Lab Control Sample	104	117	95
MB 310-451876/6	Method Blank	105	109	100
MB 310-452071/6	Method Blank	108	111	97

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 310-451876/6
Matrix: Water
Analysis Batch: 451876

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<3.10		10.0	3.10	ug/L			04/18/25 09:50	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			04/18/25 09:50	1
Benzene	<0.220		0.500	0.220	ug/L			04/18/25 09:50	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			04/18/25 09:50	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			04/18/25 09:50	1
Bromoform	<0.780		5.00	0.780	ug/L			04/18/25 09:50	1
Bromomethane	<1.10		4.00	1.10	ug/L			04/18/25 09:50	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			04/18/25 09:50	1
Carbon disulfide	<0.450		1.00	0.450	ug/L			04/18/25 09:50	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			04/18/25 09:50	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			04/18/25 09:50	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			04/18/25 09:50	1
Chloroethane	<0.790		4.00	0.790	ug/L			04/18/25 09:50	1
Chloroform	<1.30		3.00	1.30	ug/L			04/18/25 09:50	1
Chloromethane	<0.610		3.00	0.610	ug/L			04/18/25 09:50	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			04/18/25 09:50	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			04/18/25 09:50	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			04/18/25 09:50	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			04/18/25 09:50	1
Dibromomethane	<0.330		1.00	0.330	ug/L			04/18/25 09:50	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			04/18/25 09:50	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			04/18/25 09:50	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			04/18/25 09:50	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			04/18/25 09:50	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			04/18/25 09:50	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			04/18/25 09:50	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			04/18/25 09:50	1
2-Hexanone	<2.00		10.0	2.00	ug/L			04/18/25 09:50	1
Iodomethane	<7.00		10.0	7.00	ug/L			04/18/25 09:50	1
Methylene chloride	<1.70		5.00	1.70	ug/L			04/18/25 09:50	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			04/18/25 09:50	1
Styrene	<0.370		1.00	0.370	ug/L			04/18/25 09:50	1
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			04/18/25 09:50	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			04/18/25 09:50	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			04/18/25 09:50	1
Toluene	<0.430		1.00	0.430	ug/L			04/18/25 09:50	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			04/18/25 09:50	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			04/18/25 09:50	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			04/18/25 09:50	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			04/18/25 09:50	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			04/18/25 09:50	1
Trichloroethene	<0.430		1.00	0.430	ug/L			04/18/25 09:50	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			04/18/25 09:50	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			04/18/25 09:50	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			04/18/25 09:50	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			04/18/25 09:50	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			04/18/25 09:50	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 310-451876/6
Matrix: Water
Analysis Batch: 451876

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*105*		*80 - 120*		*04/18/25 09:50*	*1*
Dibromofluoromethane (Surr)	*109*		*73 - 130*		*04/18/25 09:50*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*04/18/25 09:50*	*1*

Lab Sample ID: LCS 310-451876/7
Matrix: Water
Analysis Batch: 451876

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	40.0	41.88		ug/L		105	50 - 150
Acrylonitrile	200	221.5		ug/L		111	50 - 150
Benzene	20.0	20.21		ug/L		101	72 - 124
Bromochloromethane	20.0	21.55		ug/L		108	73 - 130
Bromodichloromethane	20.0	21.65		ug/L		108	74 - 122
Bromoform	20.0	20.38		ug/L		102	61 - 122
2-Butanone (MEK)	40.0	40.89		ug/L		102	50 - 150
Carbon disulfide	20.0	21.20		ug/L		106	59 - 135
Carbon tetrachloride	20.0	22.61		ug/L		113	67 - 132
Chlorobenzene	20.0	20.66		ug/L		103	76 - 120
Chlorodibromomethane	20.0	20.61		ug/L		103	71 - 121
Chloroform	20.0	22.10		ug/L		111	72 - 125
cis-1,2-Dichloroethene	20.0	21.96		ug/L		110	74 - 123
cis-1,3-Dichloropropene	20.0	20.20		ug/L		101	71 - 125
1,2-Dibromo-3-chloropropane	20.0	21.31		ug/L		107	50 - 150
1,2-Dibromoethane (EDB)	20.0	22.24		ug/L		111	75 - 125
Dibromomethane	20.0	22.48		ug/L		112	74 - 125
1,2-Dichlorobenzene	20.0	20.97		ug/L		105	74 - 120
1,4-Dichlorobenzene	20.0	19.66		ug/L		98	72 - 120
1,1-Dichloroethane	20.0	19.98		ug/L		100	70 - 127
1,2-Dichloroethane	20.0	22.56		ug/L		113	71 - 125
1,1-Dichloroethene	20.0	20.10		ug/L		100	63 - 132
1,2-Dichloropropane	20.0	22.28		ug/L		111	73 - 124
Ethylbenzene	20.0	20.81		ug/L		104	74 - 122
2-Hexanone	40.0	44.30		ug/L		111	60 - 140
Iodomethane	20.0	14.01		ug/L		70	10 - 150
Methylene chloride	20.0	24.33		ug/L		122	50 - 150
4-Methyl-2-pentanone (MIBK)	40.0	43.35		ug/L		108	60 - 139
Styrene	20.0	21.25		ug/L		106	74 - 121
1,1,1,2-Tetrachloroethane	20.0	23.61		ug/L		118	71 - 120
1,1,2,2-Tetrachloroethane	20.0	21.32		ug/L		107	68 - 124
Tetrachloroethene	20.0	20.43		ug/L		102	71 - 130
Toluene	20.0	19.82		ug/L		99	74 - 123
trans-1,4-Dichloro-2-butene	20.0	19.05		ug/L		95	50 - 150
trans-1,2-Dichloroethene	20.0	21.77		ug/L		109	70 - 126
trans-1,3-Dichloropropene	20.0	21.27		ug/L		106	69 - 123
1,1,1-Trichloroethane	20.0	21.15		ug/L		106	73 - 129
1,1,2-Trichloroethane	20.0	22.10		ug/L		111	73 - 123
Trichloroethene	20.0	20.79		ug/L		104	72 - 126

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 310-451876/7
Matrix: Water
Analysis Batch: 451876

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,3-Trichloropropane	20.0	21.51		ug/L		108	65 - 127
Vinyl acetate	40.0	38.63		ug/L		97	50 - 150
Xylenes, Total	40.0	41.62		ug/L		104	73 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*
Dibromofluoromethane (Surr)	*97*		*73 - 130*
Toluene-d8 (Surr)	*100*		*80 - 120*

Lab Sample ID: LCS 310-451876/8
Matrix: Water
Analysis Batch: 451876

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromomethane	20.0	13.24		ug/L		66	23 - 150
Chloroethane	20.0	17.19		ug/L		86	54 - 136
Chloromethane	20.0	15.62		ug/L		78	38 - 150
Trichlorofluoromethane	20.0	19.79		ug/L		99	54 - 149
Vinyl chloride	20.0	17.58		ug/L		88	56 - 140

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*80 - 120*
Dibromofluoromethane (Surr)	*115*		*73 - 130*
Toluene-d8 (Surr)	*96*		*80 - 120*

Lab Sample ID: 310-304315-4 MS
Matrix: Water
Analysis Batch: 451876

Client Sample ID: P-504B
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	<3.10		50.0	44.80		ug/L		90	31 - 150
Acrylonitrile	<2.20		250	231.9		ug/L		93	40 - 150
Benzene	<0.220		25.0	20.56		ug/L		82	46 - 130
Bromochloromethane	<0.540		25.0	22.15		ug/L		89	57 - 130
Bromodichloromethane	<0.390		25.0	22.35		ug/L		89	57 - 130
Bromoform	<0.780		25.0	20.42		ug/L		82	44 - 130
2-Butanone (MEK)	<2.10		50.0	43.44		ug/L		87	38 - 150
Carbon disulfide	<0.450		25.0	25.13		ug/L		101	38 - 135
Carbon tetrachloride	<0.650		25.0	24.03		ug/L		96	45 - 132
Chlorobenzene	<0.400		25.0	21.26		ug/L		85	59 - 130
Chlorodibromomethane	<0.750		25.0	20.53		ug/L		82	54 - 130
Chloroform	<1.30		25.0	22.47		ug/L		90	51 - 130
cis-1,2-Dichloroethene	<0.210		25.0	23.02		ug/L		92	45 - 130
cis-1,3-Dichloropropene	<0.250		25.0	19.56		ug/L		78	53 - 130
1,2-Dibromo-3-chloropropane	<1.20		25.0	22.89		ug/L		92	38 - 150
1,2-Dibromoethane (EDB)	<0.340		25.0	22.20		ug/L		89	60 - 130
Dibromomethane	<0.330		25.0	23.09		ug/L		92	59 - 130
1,2-Dichlorobenzene	<0.370		25.0	22.59		ug/L		90	59 - 130

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 310-304315-4 MS
Matrix: Water
Analysis Batch: 451876

Client Sample ID: P-504B
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,4-Dichlorobenzene	<0.230		25.0	21.27		ug/L		85	57 - 130
1,1-Dichloroethane	<0.220		25.0	20.24		ug/L		81	49 - 130
1,2-Dichloroethane	<0.390		25.0	23.27		ug/L		93	51 - 130
1,1-Dichloroethene	<0.560		25.0	22.06		ug/L		88	37 - 132
1,2-Dichloropropane	<0.270		25.0	22.24		ug/L		89	57 - 130
Ethylbenzene	<0.310		25.0	21.68		ug/L		87	45 - 130
2-Hexanone	<2.00		50.0	45.67		ug/L		91	46 - 140
Iodomethane	<7.00		25.0	12.40		ug/L		50	10 - 150
Methylene chloride	<1.70		25.0	25.78		ug/L		103	37 - 150
4-Methyl-2-pentanone (MIBK)	<2.10		50.0	43.74		ug/L		87	47 - 139
Styrene	<0.370		25.0	22.41		ug/L		90	47 - 130
1,1,1,2-Tetrachloroethane	<0.380		25.0	25.07		ug/L		100	55 - 130
1,1,2,2-Tetrachloroethane	<0.470		25.0	21.82		ug/L		87	54 - 130
Tetrachloroethene	<0.480		25.0	21.73		ug/L		87	47 - 130
Toluene	<0.430		25.0	21.29		ug/L		85	51 - 130
trans-1,4-Dichloro-2-butene	<1.10		25.0	17.92		ug/L		72	26 - 150
trans-1,2-Dichloroethene	<0.270		25.0	22.12		ug/L		88	48 - 130
trans-1,3-Dichloropropene	<0.560		25.0	20.69		ug/L		83	50 - 130
1,1,1-Trichloroethane	<0.190		25.0	21.67		ug/L		87	52 - 130
1,1,2-Trichloroethane	<0.450		25.0	21.46		ug/L		86	58 - 130
Trichloroethene	<0.430		25.0	21.61		ug/L		86	51 - 130
1,2,3-Trichloropropane	<0.590		25.0	21.24		ug/L		85	49 - 130
Vinyl acetate	<2.50		50.0	36.86		ug/L		74	29 - 150
Xylenes, Total	<0.400		50.0	44.56		ug/L		89	43 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*
Dibromofluoromethane (Surr)	*99*		*73 - 130*
Toluene-d8 (Surr)	*101*		*80 - 120*

Lab Sample ID: 310-304315-4 MSD
Matrix: Water
Analysis Batch: 451876

Client Sample ID: P-504B
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	<3.10		50.0	47.58		ug/L		95	31 - 150	6	29
Acrylonitrile	<2.20		250	221.6		ug/L		89	40 - 150	5	20
Benzene	<0.220		25.0	19.98		ug/L		80	46 - 130	3	20
Bromochloromethane	<0.540		25.0	21.48		ug/L		86	57 - 130	3	20
Bromodichloromethane	<0.390		25.0	21.49		ug/L		86	57 - 130	4	20
Bromoform	<0.780		25.0	20.11		ug/L		80	44 - 130	2	20
2-Butanone (MEK)	<2.10		50.0	42.65		ug/L		85	38 - 150	2	20
Carbon disulfide	<0.450		25.0	22.01		ug/L		88	38 - 135	13	30
Carbon tetrachloride	<0.650		25.0	23.46		ug/L		94	45 - 132	2	20
Chlorobenzene	<0.400		25.0	20.42		ug/L		82	59 - 130	4	20
Chlorodibromomethane	<0.750		25.0	20.26		ug/L		81	54 - 130	1	20
Chloroform	<1.30		25.0	21.42		ug/L		86	51 - 130	5	20
cis-1,2-Dichloroethene	<0.210		25.0	21.87		ug/L		87	45 - 130	5	20

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 310-304315-4 MSD
Matrix: Water
Analysis Batch: 451876

Client Sample ID: P-504B
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
cis-1,3-Dichloropropene	<0.250		25.0	19.42		ug/L		78	53 - 130	1	20
1,2-Dibromo-3-chloropropane	<1.20		25.0	22.79		ug/L		91	38 - 150	0	20
1,2-Dibromoethane (EDB)	<0.340		25.0	21.55		ug/L		86	60 - 130	3	20
Dibromomethane	<0.330		25.0	22.91		ug/L		92	59 - 130	1	20
1,2-Dichlorobenzene	<0.370		25.0	22.18		ug/L		89	59 - 130	2	20
1,4-Dichlorobenzene	<0.230		25.0	20.94		ug/L		84	57 - 130	2	20
1,1-Dichloroethane	<0.220		25.0	19.63		ug/L		79	49 - 130	3	20
1,2-Dichloroethane	<0.390		25.0	22.61		ug/L		90	51 - 130	3	20
1,1-Dichloroethene	<0.560		25.0	21.00		ug/L		84	37 - 132	5	26
1,2-Dichloropropane	<0.270		25.0	21.62		ug/L		86	57 - 130	3	20
Ethylbenzene	<0.310		25.0	21.34		ug/L		85	45 - 130	2	20
2-Hexanone	<2.00		50.0	44.12		ug/L		88	46 - 140	3	20
Iodomethane	<7.00		25.0	15.08		ug/L		60	10 - 150	19	35
Methylene chloride	<1.70		25.0	23.91		ug/L		96	37 - 150	8	24
4-Methyl-2-pentanone (MIBK)	<2.10		50.0	43.36		ug/L		87	47 - 139	1	20
Styrene	<0.370		25.0	21.85		ug/L		87	47 - 130	3	20
1,1,1,2-Tetrachloroethane	<0.380		25.0	24.89		ug/L		100	55 - 130	1	20
1,1,2,2-Tetrachloroethane	<0.470		25.0	21.69		ug/L		87	54 - 130	1	20
Tetrachloroethene	<0.480		25.0	21.58		ug/L		86	47 - 130	1	20
Toluene	<0.430		25.0	20.38		ug/L		82	51 - 130	4	20
trans-1,4-Dichloro-2-butene	<1.10		25.0	18.90		ug/L		76	26 - 150	5	23
trans-1,2-Dichloroethene	<0.270		25.0	21.70		ug/L		87	48 - 130	2	22
trans-1,3-Dichloropropene	<0.560		25.0	20.43		ug/L		82	50 - 130	1	20
1,1,1-Trichloroethane	<0.190		25.0	21.27		ug/L		85	52 - 130	2	20
1,1,2-Trichloroethane	<0.450		25.0	21.38		ug/L		86	58 - 130	0	20
Trichloroethene	<0.430		25.0	21.17		ug/L		85	51 - 130	2	20
1,2,3-Trichloropropane	<0.590		25.0	21.36		ug/L		85	49 - 130	1	26
Vinyl acetate	<2.50		50.0	36.63		ug/L		73	29 - 150	1	23
Xylenes, Total	<0.400		50.0	43.69		ug/L		87	43 - 130	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*
Dibromofluoromethane (Surr)	*97*		*73 - 130*
Toluene-d8 (Surr)	*98*		*80 - 120*

Lab Sample ID: MB 310-452071/6
Matrix: Water
Analysis Batch: 452071

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<3.10		10.0	3.10	ug/L			04/19/25 19:39	1
Acrylonitrile	<2.20		5.00	2.20	ug/L			04/19/25 19:39	1
Benzene	<0.220		0.500	0.220	ug/L			04/19/25 19:39	1
Bromochloromethane	<0.540		5.00	0.540	ug/L			04/19/25 19:39	1
Bromodichloromethane	<0.390		1.00	0.390	ug/L			04/19/25 19:39	1
Bromoform	<0.780		5.00	0.780	ug/L			04/19/25 19:39	1
Bromomethane	<1.10		4.00	1.10	ug/L			04/19/25 19:39	1
2-Butanone (MEK)	<2.10		10.0	2.10	ug/L			04/19/25 19:39	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 310-452071/6
Matrix: Water
Analysis Batch: 452071

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	<0.450		1.00	0.450	ug/L			04/19/25 19:39	1
Carbon tetrachloride	<0.650		2.00	0.650	ug/L			04/19/25 19:39	1
Chlorobenzene	<0.400		1.00	0.400	ug/L			04/19/25 19:39	1
Chlorodibromomethane	<0.750		5.00	0.750	ug/L			04/19/25 19:39	1
Chloroethane	<0.790		4.00	0.790	ug/L			04/19/25 19:39	1
Chloroform	<1.30		3.00	1.30	ug/L			04/19/25 19:39	1
Chloromethane	<0.610		3.00	0.610	ug/L			04/19/25 19:39	1
cis-1,2-Dichloroethene	<0.210		1.00	0.210	ug/L			04/19/25 19:39	1
cis-1,3-Dichloropropene	<0.250		5.00	0.250	ug/L			04/19/25 19:39	1
1,2-Dibromo-3-chloropropane	<1.20		5.00	1.20	ug/L			04/19/25 19:39	1
1,2-Dibromoethane (EDB)	<0.340		1.00	0.340	ug/L			04/19/25 19:39	1
Dibromomethane	<0.330		1.00	0.330	ug/L			04/19/25 19:39	1
1,2-Dichlorobenzene	<0.370		1.00	0.370	ug/L			04/19/25 19:39	1
1,4-Dichlorobenzene	<0.230		1.00	0.230	ug/L			04/19/25 19:39	1
1,1-Dichloroethane	<0.220		1.00	0.220	ug/L			04/19/25 19:39	1
1,2-Dichloroethane	<0.390		1.00	0.390	ug/L			04/19/25 19:39	1
1,1-Dichloroethene	<0.560		2.00	0.560	ug/L			04/19/25 19:39	1
1,2-Dichloropropane	<0.270		1.00	0.270	ug/L			04/19/25 19:39	1
Ethylbenzene	<0.310		1.00	0.310	ug/L			04/19/25 19:39	1
2-Hexanone	<2.00		10.0	2.00	ug/L			04/19/25 19:39	1
Iodomethane	<7.00		10.0	7.00	ug/L			04/19/25 19:39	1
Methylene chloride	<1.70		5.00	1.70	ug/L			04/19/25 19:39	1
4-Methyl-2-pentanone (MIBK)	<2.10		10.0	2.10	ug/L			04/19/25 19:39	1
Styrene	<0.370		1.00	0.370	ug/L			04/19/25 19:39	1
1,1,1,2-Tetrachloroethane	<0.380		1.00	0.380	ug/L			04/19/25 19:39	1
1,1,2,2-Tetrachloroethane	<0.470		1.00	0.470	ug/L			04/19/25 19:39	1
Tetrachloroethene	<0.480		1.00	0.480	ug/L			04/19/25 19:39	1
Toluene	<0.430		1.00	0.430	ug/L			04/19/25 19:39	1
trans-1,4-Dichloro-2-butene	<1.10		10.0	1.10	ug/L			04/19/25 19:39	1
trans-1,2-Dichloroethene	<0.270		1.00	0.270	ug/L			04/19/25 19:39	1
trans-1,3-Dichloropropene	<0.560		5.00	0.560	ug/L			04/19/25 19:39	1
1,1,1-Trichloroethane	<0.190		1.00	0.190	ug/L			04/19/25 19:39	1
1,1,2-Trichloroethane	<0.450		1.00	0.450	ug/L			04/19/25 19:39	1
Trichloroethene	<0.430		1.00	0.430	ug/L			04/19/25 19:39	1
Trichlorofluoromethane	<0.380		4.00	0.380	ug/L			04/19/25 19:39	1
1,2,3-Trichloropropane	<0.590		1.00	0.590	ug/L			04/19/25 19:39	1
Vinyl acetate	<2.50		10.0	2.50	ug/L			04/19/25 19:39	1
Vinyl chloride	<0.180		1.00	0.180	ug/L			04/19/25 19:39	1
Xylenes, Total	<0.400		3.00	0.400	ug/L			04/19/25 19:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*80 - 120*		*04/19/25 19:39*	*1*
Dibromofluoromethane (Surr)	*111*		*73 - 130*		*04/19/25 19:39*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*04/19/25 19:39*	*1*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 310-452071/7
Matrix: Water
Analysis Batch: 452071

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	40.0	41.77		ug/L		104	50 - 150
Acrylonitrile	200	201.5		ug/L		101	50 - 150
Benzene	20.0	18.62		ug/L		93	72 - 124
Bromochloromethane	20.0	19.70		ug/L		98	73 - 130
Bromodichloromethane	20.0	19.97		ug/L		100	74 - 122
Bromoform	20.0	18.92		ug/L		95	61 - 122
2-Butanone (MEK)	40.0	35.55		ug/L		89	50 - 150
Carbon disulfide	20.0	20.69		ug/L		103	59 - 135
Carbon tetrachloride	20.0	22.75		ug/L		114	67 - 132
Chlorobenzene	20.0	19.03		ug/L		95	76 - 120
Chlorodibromomethane	20.0	18.33		ug/L		92	71 - 121
Chloroform	20.0	20.46		ug/L		102	72 - 125
cis-1,2-Dichloroethene	20.0	20.65		ug/L		103	74 - 123
cis-1,3-Dichloropropene	20.0	17.19		ug/L		86	71 - 125
1,2-Dibromo-3-chloropropane	20.0	21.02		ug/L		105	50 - 150
1,2-Dibromoethane (EDB)	20.0	19.67		ug/L		98	75 - 125
Dibromomethane	20.0	20.61		ug/L		103	74 - 125
1,2-Dichlorobenzene	20.0	20.63		ug/L		103	74 - 120
1,4-Dichlorobenzene	20.0	19.52		ug/L		98	72 - 120
1,1-Dichloroethane	20.0	18.71		ug/L		94	70 - 127
1,2-Dichloroethane	20.0	20.50		ug/L		102	71 - 125
1,1-Dichloroethene	20.0	20.36		ug/L		102	63 - 132
1,2-Dichloropropane	20.0	20.01		ug/L		100	73 - 124
Ethylbenzene	20.0	20.09		ug/L		100	74 - 122
2-Hexanone	40.0	40.00		ug/L		100	60 - 140
Iodomethane	20.0	11.04		ug/L		55	10 - 150
Methylene chloride	20.0	22.49		ug/L		112	50 - 150
4-Methyl-2-pentanone (MIBK)	40.0	38.52		ug/L		96	60 - 139
Styrene	20.0	20.17		ug/L		101	74 - 121
1,1,1,2-Tetrachloroethane	20.0	21.65		ug/L		108	71 - 120
1,1,2,2-Tetrachloroethane	20.0	19.11		ug/L		96	68 - 124
Tetrachloroethene	20.0	21.02		ug/L		105	71 - 130
Toluene	20.0	19.31		ug/L		97	74 - 123
trans-1,4-Dichloro-2-butene	20.0	16.34		ug/L		82	50 - 150
trans-1,2-Dichloroethene	20.0	19.97		ug/L		100	70 - 126
trans-1,3-Dichloropropene	20.0	18.44		ug/L		92	69 - 123
1,1,1-Trichloroethane	20.0	20.63		ug/L		103	73 - 129
1,1,2-Trichloroethane	20.0	19.12		ug/L		96	73 - 123
Trichloroethene	20.0	20.45		ug/L		102	72 - 126
1,2,3-Trichloropropane	20.0	18.71		ug/L		94	65 - 127
Vinyl acetate	40.0	34.89		ug/L		87	50 - 150
Xylenes, Total	40.0	40.91		ug/L		102	73 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*
Dibromofluoromethane (Surr)	*96*		*73 - 130*
Toluene-d8 (Surr)	*100*		*80 - 120*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 310-452071/8
Matrix: Water
Analysis Batch: 452071

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromomethane	20.0	15.27		ug/L		76	23 - 150
Chloroethane	20.0	21.44		ug/L		107	54 - 136
Chloromethane	20.0	20.91		ug/L		105	38 - 150
Trichlorofluoromethane	20.0	23.23		ug/L		116	54 - 149
Vinyl chloride	20.0	21.48		ug/L		107	56 - 140

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*
Dibromofluoromethane (Surr)	*117*		*73 - 130*
Toluene-d8 (Surr)	*95*		*80 - 120*

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 310-451803/1-A
Matrix: Water
Analysis Batch: 452282

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 451803

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		04/17/25 09:00	04/21/25 18:03	1
Arsenic	<0.000530		0.00200	0.000530	mg/L		04/17/25 09:00	04/21/25 18:03	1
Barium	<0.000660		0.00200	0.000660	mg/L		04/17/25 09:00	04/21/25 18:03	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		04/17/25 09:00	04/21/25 18:03	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		04/17/25 09:00	04/21/25 18:03	1
Chromium	<0.00180		0.00500	0.00180	mg/L		04/17/25 09:00	04/21/25 18:03	1
Cobalt	<0.000170		0.000500	0.000170	mg/L		04/17/25 09:00	04/21/25 18:03	1
Copper	<0.00320		0.00500	0.00320	mg/L		04/17/25 09:00	04/21/25 18:03	1
Lead	<0.000330		0.000500	0.000330	mg/L		04/17/25 09:00	04/21/25 18:03	1
Nickel	<0.00230		0.00500	0.00230	mg/L		04/17/25 09:00	04/21/25 18:03	1
Selenium	<0.00140		0.00500	0.00140	mg/L		04/17/25 09:00	04/21/25 18:03	1
Silver	<0.000500		0.00100	0.000500	mg/L		04/17/25 09:00	04/21/25 18:03	1
Thallium	<0.000570		0.00100	0.000570	mg/L		04/17/25 09:00	04/21/25 18:03	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		04/17/25 09:00	04/21/25 18:03	1
Zinc	<0.0130		0.0200	0.0130	mg/L		04/17/25 09:00	04/21/25 18:03	1

Lab Sample ID: LCS 310-451803/2-A
Matrix: Water
Analysis Batch: 452282

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 451803

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.200	0.2048		mg/L		102	80 - 120
Arsenic	0.200	0.2030		mg/L		101	80 - 120
Barium	0.100	0.1015		mg/L		102	80 - 120
Beryllium	0.100	0.09982		mg/L		100	80 - 120
Cadmium	0.100	0.09866		mg/L		99	80 - 120
Chromium	0.100	0.1037		mg/L		104	80 - 120
Cobalt	0.100	0.1053		mg/L		105	80 - 120
Copper	0.200	0.2082		mg/L		104	80 - 120
Lead	0.200	0.2071		mg/L		104	80 - 120
Nickel	0.200	0.2063		mg/L		103	80 - 120

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 310-451803/2-A
Matrix: Water
Analysis Batch: 452282

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 451803

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Selenium	0.400	0.4028		mg/L		101	80 - 120
Silver	0.100	0.1122		mg/L		112	80 - 120
Thallium	0.100	0.1015		mg/L		101	80 - 120
Vanadium	0.100	0.1021		mg/L		102	80 - 120
Zinc	0.200	0.1949		mg/L		97	80 - 120

Lab Sample ID: 310-304315-1 MS
Matrix: Water
Analysis Batch: 452282

Client Sample ID: MW-120AR
Prep Type: Total/NA
Prep Batch: 451803

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.00100		0.200	0.2188		mg/L		109	75 - 125
Arsenic	<0.000530		0.200	0.2229		mg/L		111	75 - 125
Barium	0.0340		0.100	0.1426		mg/L		109	75 - 125
Beryllium	<0.000330		0.100	0.09885		mg/L		99	75 - 125
Cadmium	<0.000100		0.100	0.1015		mg/L		102	75 - 125
Chromium	<0.00180		0.100	0.1024		mg/L		102	75 - 125
Cobalt	0.00265		0.100	0.1033		mg/L		101	75 - 125
Copper	0.00496	J	0.200	0.1986		mg/L		97	75 - 125
Lead	0.00179		0.200	0.2139		mg/L		106	75 - 125
Nickel	0.00862		0.200	0.2031		mg/L		97	75 - 125
Selenium	<0.00140		0.400	0.4107		mg/L		103	75 - 125
Silver	<0.000500		0.100	0.1025		mg/L		102	75 - 125
Thallium	<0.000570		0.100	0.09162		mg/L		92	75 - 125
Vanadium	<0.00170		0.100	0.1043		mg/L		104	75 - 125
Zinc	0.0307		0.200	0.2278		mg/L		99	75 - 125

Lab Sample ID: 310-304315-1 MSD
Matrix: Water
Analysis Batch: 452282

Client Sample ID: MW-120AR
Prep Type: Total/NA
Prep Batch: 451803

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.00100		0.200	0.2210		mg/L		111	75 - 125	1	20
Arsenic	<0.000530		0.200	0.2233		mg/L		112	75 - 125	0	20
Barium	0.0340		0.100	0.1437		mg/L		110	75 - 125	1	20
Beryllium	<0.000330		0.100	0.1002		mg/L		100	75 - 125	1	20
Cadmium	<0.000100		0.100	0.1011		mg/L		101	75 - 125	0	20
Chromium	<0.00180		0.100	0.1016		mg/L		102	75 - 125	1	20
Cobalt	0.00265		0.100	0.1031		mg/L		100	75 - 125	0	20
Copper	0.00496	J	0.200	0.1987		mg/L		97	75 - 125	0	20
Lead	0.00179		0.200	0.2141		mg/L		106	75 - 125	0	20
Nickel	0.00862		0.200	0.2036		mg/L		97	75 - 125	0	20
Selenium	<0.00140		0.400	0.4074		mg/L		102	75 - 125	1	20
Silver	<0.000500		0.100	0.1043		mg/L		104	75 - 125	2	20
Thallium	<0.000570		0.100	0.09790		mg/L		98	75 - 125	7	20
Vanadium	<0.00170		0.100	0.1049		mg/L		105	75 - 125	1	20
Zinc	0.0307		0.200	0.2278		mg/L		99	75 - 125	0	20

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 310-304315-12 DU
Matrix: Water
Analysis Batch: 452282

Client Sample ID: MW-402A
Prep Type: Total/NA
Prep Batch: 451803

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Antimony	<0.00100		<0.00100		mg/L		NC	20
Arsenic	0.00211		0.002235		mg/L		6	20
Barium	0.0702		0.07347		mg/L		5	20
Beryllium	<0.000330		<0.000330		mg/L		NC	20
Cadmium	<0.000100		<0.000100		mg/L		NC	20
Chromium	<0.00180		<0.00180		mg/L		NC	20
Cobalt	0.000990		0.001020		mg/L		3	20
Copper	<0.00320		<0.00320		mg/L		NC	20
Lead	<0.000330		<0.000330		mg/L		NC	20
Nickel	<0.00230		<0.00230		mg/L		NC	20
Selenium	<0.00140		<0.00140		mg/L		NC	20
Silver	<0.000500		<0.000500		mg/L		NC	20
Thallium	<0.000570		<0.000570		mg/L		NC	20
Vanadium	<0.00170		<0.00170		mg/L		NC	20
Zinc	<0.0130		<0.0130		mg/L		NC	20

Lab Sample ID: MB 310-451917/1-A
Matrix: Water
Analysis Batch: 452124

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 451917

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		04/18/25 09:30	04/18/25 18:42	1
Arsenic	<0.000530		0.00200	0.000530	mg/L		04/18/25 09:30	04/18/25 18:42	1
Barium	<0.000660		0.00200	0.000660	mg/L		04/18/25 09:30	04/18/25 18:42	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		04/18/25 09:30	04/18/25 18:42	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		04/18/25 09:30	04/18/25 18:42	1
Chromium	<0.00180		0.00500	0.00180	mg/L		04/18/25 09:30	04/18/25 18:42	1
Cobalt	<0.000170		0.000500	0.000170	mg/L		04/18/25 09:30	04/18/25 18:42	1
Copper	<0.00320		0.00500	0.00320	mg/L		04/18/25 09:30	04/18/25 18:42	1
Lead	<0.000330		0.000500	0.000330	mg/L		04/18/25 09:30	04/18/25 18:42	1
Nickel	<0.00230		0.00500	0.00230	mg/L		04/18/25 09:30	04/18/25 18:42	1
Selenium	<0.00140		0.00500	0.00140	mg/L		04/18/25 09:30	04/18/25 18:42	1
Silver	<0.000500		0.00100	0.000500	mg/L		04/18/25 09:30	04/18/25 18:42	1
Thallium	<0.000570		0.00100	0.000570	mg/L		04/18/25 09:30	04/18/25 18:42	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		04/18/25 09:30	04/18/25 18:42	1
Zinc	<0.0130		0.0200	0.0130	mg/L		04/18/25 09:30	04/18/25 18:42	1

Lab Sample ID: LCS 310-451917/2-A
Matrix: Water
Analysis Batch: 452124

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 451917

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.200	0.1957		mg/L		98	80 - 120
Arsenic	0.200	0.1852		mg/L		93	80 - 120
Barium	0.100	0.08994		mg/L		90	80 - 120
Beryllium	0.100	0.08783		mg/L		88	80 - 120
Cadmium	0.100	0.09452		mg/L		95	80 - 120
Chromium	0.100	0.09243		mg/L		92	80 - 120
Cobalt	0.100	0.09660		mg/L		97	80 - 120

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 310-451917/2-A
Matrix: Water
Analysis Batch: 452124

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 451917

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Copper	0.200	0.1857		mg/L		93	80 - 120
Lead	0.200	0.1941		mg/L		97	80 - 120
Nickel	0.200	0.1840		mg/L		92	80 - 120
Selenium	0.400	0.3455		mg/L		86	80 - 120
Silver	0.100	0.1021		mg/L		102	80 - 120
Thallium	0.100	0.08908		mg/L		89	80 - 120
Vanadium	0.100	0.09176		mg/L		92	80 - 120
Zinc	0.200	0.1632		mg/L		82	80 - 120

Lab Sample ID: MB 310-451918/1-A
Matrix: Water
Analysis Batch: 452465

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 451918

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00100		0.00200	0.00100	mg/L		04/18/25 09:30	04/22/25 15:13	1
Arsenic	0.001207	J	0.00200	0.000530	mg/L		04/18/25 09:30	04/22/25 15:13	1
Barium	<0.000660		0.00200	0.000660	mg/L		04/18/25 09:30	04/22/25 15:13	1
Beryllium	<0.000330		0.00100	0.000330	mg/L		04/18/25 09:30	04/22/25 15:13	1
Cadmium	<0.000100		0.000200	0.000100	mg/L		04/18/25 09:30	04/22/25 15:13	1
Chromium	<0.00180		0.00500	0.00180	mg/L		04/18/25 09:30	04/22/25 15:13	1
Cobalt	<0.000170		0.000500	0.000170	mg/L		04/18/25 09:30	04/22/25 15:13	1
Copper	<0.00320		0.00500	0.00320	mg/L		04/18/25 09:30	04/22/25 15:13	1
Lead	<0.000330		0.000500	0.000330	mg/L		04/18/25 09:30	04/22/25 15:13	1
Nickel	<0.00230		0.00500	0.00230	mg/L		04/18/25 09:30	04/22/25 15:13	1
Selenium	<0.00140		0.00500	0.00140	mg/L		04/18/25 09:30	04/22/25 15:13	1
Silver	<0.000500		0.00100	0.000500	mg/L		04/18/25 09:30	04/22/25 15:13	1
Thallium	<0.000570		0.00100	0.000570	mg/L		04/18/25 09:30	04/22/25 15:13	1
Vanadium	<0.00170		0.00500	0.00170	mg/L		04/18/25 09:30	04/22/25 15:13	1
Zinc	<0.0130		0.0200	0.0130	mg/L		04/18/25 09:30	04/22/25 15:13	1

Lab Sample ID: LCS 310-451918/2-A
Matrix: Water
Analysis Batch: 452465

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 451918

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.200	0.2062		mg/L		103	80 - 120
Arsenic	0.200	0.1932		mg/L		97	80 - 120
Barium	0.100	0.09596		mg/L		96	80 - 120
Beryllium	0.100	0.09886		mg/L		99	80 - 120
Cadmium	0.100	0.09382		mg/L		94	80 - 120
Chromium	0.100	0.1025		mg/L		103	80 - 120
Cobalt	0.100	0.1036		mg/L		104	80 - 120
Copper	0.200	0.2046		mg/L		102	80 - 120
Lead	0.200	0.1961		mg/L		98	80 - 120
Nickel	0.200	0.2011		mg/L		101	80 - 120
Selenium	0.400	0.3893		mg/L		97	80 - 120
Silver	0.100	0.1089		mg/L		109	80 - 120
Thallium	0.100	0.09237		mg/L		92	80 - 120
Vanadium	0.100	0.1001		mg/L		100	80 - 120

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 310-451918/2-A
Matrix: Water
Analysis Batch: 452465

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 451918

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Zinc			0.200	0.1898		mg/L		95	80 - 120		

Method: I-3765-85 - Residue, Non-filterable (TSS)

Lab Sample ID: MB 310-451895/1
Matrix: Water
Analysis Batch: 451895

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	<3.50		5.00	3.50	mg/L			04/17/25 11:41	1

Lab Sample ID: LCS 310-451895/2
Matrix: Water
Analysis Batch: 451895

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Suspended Solids			100	96.00		mg/L		96	81 - 116		

Lab Sample ID: MB 310-451907/1
Matrix: Water
Analysis Batch: 451907

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	<3.50		5.00	3.50	mg/L			04/17/25 12:19	1

Lab Sample ID: LCS 310-451907/2
Matrix: Water
Analysis Batch: 451907

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Suspended Solids			100	103.0		mg/L		103	81 - 116		

Lab Sample ID: 310-304315-14 DU
Matrix: Water
Analysis Batch: 451907

Client Sample ID: MW-102A
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Suspended Solids	53.0			51.00		mg/L				4	35

Lab Sample ID: 310-304315-18 DU
Matrix: Water
Analysis Batch: 451907

Client Sample ID: MW-202A
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Suspended Solids	35.5			35.75		mg/L				0.7	35

Method: I-3765-85 - Residue, Non-filterable (TSS) (Continued)

Lab Sample ID: MB 310-452022/1
Matrix: Water
Analysis Batch: 452022

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	<3.50		5.00	3.50	mg/L			04/18/25 11:16	1

Lab Sample ID: LCS 310-452022/2
Matrix: Water
Analysis Batch: 452022

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Suspended Solids	100	95.00		mg/L		95	81 - 116

Lab Sample ID: MB 310-452041/1
Matrix: Water
Analysis Batch: 452041

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	<3.50		5.00	3.50	mg/L			04/18/25 11:51	1

Lab Sample ID: LCS 310-452041/2
Matrix: Water
Analysis Batch: 452041

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Suspended Solids	100	108.0		mg/L		108	81 - 116

Lab Sample ID: MB 310-452073/1
Matrix: Water
Analysis Batch: 452073

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	<3.50		5.00	3.50	mg/L			04/18/25 13:43	1

Lab Sample ID: LCS 310-452073/2
Matrix: Water
Analysis Batch: 452073

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Suspended Solids	100	97.00		mg/L		97	81 - 116

GC/MS VOA

Analysis Batch: 451876

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-304315-3	TB-1	Total/NA	Water	8260D	
310-304315-4	P-504B	Total/NA	Water	8260D	
310-304315-5	P-503B	Total/NA	Water	8260D	
310-304315-6	MW-505A	Total/NA	Water	8260D	
310-304315-7	MW-502A	Total/NA	Water	8260D	
310-304315-8	MW-501A	Total/NA	Water	8260D	
310-304315-9	MW-404A	Total/NA	Water	8260D	
310-304315-10	Dup-1	Total/NA	Water	8260D	
310-304315-11	MW-403A	Total/NA	Water	8260D	
310-304315-12	MW-402A	Total/NA	Water	8260D	
310-304315-13	MW-401A	Total/NA	Water	8260D	
310-304315-14	MW-102A	Total/NA	Water	8260D	
310-304315-15	Dup-2	Total/NA	Water	8260D	
310-304315-16	MW-201A	Total/NA	Water	8260D	
310-304315-17	MW-103A	Total/NA	Water	8260D	
310-304315-18	MW-202A	Total/NA	Water	8260D	
310-304315-19	MW-204A	Total/NA	Water	8260D	
310-304315-20	P-105B	Total/NA	Water	8260D	
310-304315-21	MW-605	Total/NA	Water	8260D	
310-304315-22	MW-604	Total/NA	Water	8260D	
MB 310-451876/6	Method Blank	Total/NA	Water	8260D	
LCS 310-451876/7	Lab Control Sample	Total/NA	Water	8260D	
LCS 310-451876/8	Lab Control Sample	Total/NA	Water	8260D	
310-304315-4 MS	P-504B	Total/NA	Water	8260D	
310-304315-4 MSD	P-504B	Total/NA	Water	8260D	

Analysis Batch: 452071

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-304315-1	MW-120AR	Total/NA	Water	8260D	
310-304315-2	P-120B	Total/NA	Water	8260D	
310-304315-23	MW-108AR	Total/NA	Water	8260D	
310-304315-24	Dup-3	Total/NA	Water	8260D	
310-304315-25	EQ-1	Total/NA	Water	8260D	
310-304315-26	P-108B	Total/NA	Water	8260D	
310-304315-27	MW-114AR	Total/NA	Water	8260D	
310-304315-28	TB-2	Total/NA	Water	8260D	
310-304315-29	MW-109ARR	Total/NA	Water	8260D	
310-304315-30	OW-306AR	Total/NA	Water	8260D	
310-304315-31	OW301A	Total/NA	Water	8260D	
310-304315-32	MW-137A	Total/NA	Water	8260D	
310-304315-33	GU-3	Total/NA	Water	8260D	
310-304315-34	P-114BR	Total/NA	Water	8260D	
310-304315-35	TB-3	Total/NA	Water	8260D	
MB 310-452071/6	Method Blank	Total/NA	Water	8260D	
LCS 310-452071/7	Lab Control Sample	Total/NA	Water	8260D	
LCS 310-452071/8	Lab Control Sample	Total/NA	Water	8260D	

Metals

Prep Batch: 451803

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-304315-1	MW-120AR	Total/NA	Water	3005A	
310-304315-2	P-120B	Total/NA	Water	3005A	
310-304315-4	P-504B	Total/NA	Water	3005A	
310-304315-5	P-503B	Total/NA	Water	3005A	
310-304315-6	MW-505A	Total/NA	Water	3005A	
310-304315-7	MW-502A	Total/NA	Water	3005A	
310-304315-8	MW-501A	Total/NA	Water	3005A	
310-304315-9	MW-404A	Total/NA	Water	3005A	
310-304315-10	Dup-1	Total/NA	Water	3005A	
310-304315-11	MW-403A	Total/NA	Water	3005A	
310-304315-12	MW-402A	Total/NA	Water	3005A	
310-304315-13	MW-401A	Total/NA	Water	3005A	
310-304315-14	MW-102A	Total/NA	Water	3005A	
310-304315-15	Dup-2	Total/NA	Water	3005A	
310-304315-16	MW-201A	Total/NA	Water	3005A	
310-304315-17	MW-103A	Total/NA	Water	3005A	
310-304315-18	MW-202A	Total/NA	Water	3005A	
310-304315-19	MW-204A	Total/NA	Water	3005A	
310-304315-20	P-105B	Total/NA	Water	3005A	
MB 310-451803/1-A	Method Blank	Total/NA	Water	3005A	
LCS 310-451803/2-A	Lab Control Sample	Total/NA	Water	3005A	
310-304315-1 MS	MW-120AR	Total/NA	Water	3005A	
310-304315-1 MSD	MW-120AR	Total/NA	Water	3005A	
310-304315-12 DU	MW-402A	Total/NA	Water	3005A	

Prep Batch: 451917

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-304315-26	P-108B	Total/NA	Water	3005A	
310-304315-27	MW-114AR	Total/NA	Water	3005A	
310-304315-29	MW-109ARR	Total/NA	Water	3005A	
310-304315-31	OW301A	Total/NA	Water	3005A	
310-304315-33	GU-3	Total/NA	Water	3005A	
MB 310-451917/1-A	Method Blank	Total/NA	Water	3005A	
LCS 310-451917/2-A	Lab Control Sample	Total/NA	Water	3005A	

Prep Batch: 451918

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-304315-21	MW-605	Total/NA	Water	3005A	
310-304315-22	MW-604	Total/NA	Water	3005A	
310-304315-23	MW-108AR	Total/NA	Water	3005A	
310-304315-24	Dup-3	Total/NA	Water	3005A	
310-304315-25	EQ-1	Total/NA	Water	3005A	
310-304315-30	OW-306AR	Total/NA	Water	3005A	
310-304315-32	MW-137A	Total/NA	Water	3005A	
310-304315-34	P-114BR	Total/NA	Water	3005A	
MB 310-451918/1-A	Method Blank	Total/NA	Water	3005A	
LCS 310-451918/2-A	Lab Control Sample	Total/NA	Water	3005A	

Analysis Batch: 452124

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-304315-26	P-108B	Total/NA	Water	6020B	451917

Metals (Continued)

Analysis Batch: 452124 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-304315-27	MW-114AR	Total/NA	Water	6020B	451917
310-304315-29	MW-109ARR	Total/NA	Water	6020B	451917
310-304315-31	OW301A	Total/NA	Water	6020B	451917
310-304315-33	GU-3	Total/NA	Water	6020B	451917
MB 310-451917/1-A	Method Blank	Total/NA	Water	6020B	451917
LCS 310-451917/2-A	Lab Control Sample	Total/NA	Water	6020B	451917

Analysis Batch: 452282

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-304315-1	MW-120AR	Total/NA	Water	6020B	451803
310-304315-2	P-120B	Total/NA	Water	6020B	451803
310-304315-4	P-504B	Total/NA	Water	6020B	451803
310-304315-5	P-503B	Total/NA	Water	6020B	451803
310-304315-6	MW-505A	Total/NA	Water	6020B	451803
310-304315-7	MW-502A	Total/NA	Water	6020B	451803
310-304315-8	MW-501A	Total/NA	Water	6020B	451803
310-304315-9	MW-404A	Total/NA	Water	6020B	451803
310-304315-10	Dup-1	Total/NA	Water	6020B	451803
310-304315-11	MW-403A	Total/NA	Water	6020B	451803
310-304315-12	MW-402A	Total/NA	Water	6020B	451803
310-304315-13	MW-401A	Total/NA	Water	6020B	451803
310-304315-14	MW-102A	Total/NA	Water	6020B	451803
310-304315-15	Dup-2	Total/NA	Water	6020B	451803
310-304315-16	MW-201A	Total/NA	Water	6020B	451803
310-304315-17	MW-103A	Total/NA	Water	6020B	451803
310-304315-18	MW-202A	Total/NA	Water	6020B	451803
310-304315-19	MW-204A	Total/NA	Water	6020B	451803
310-304315-20	P-105B	Total/NA	Water	6020B	451803
MB 310-451803/1-A	Method Blank	Total/NA	Water	6020B	451803
LCS 310-451803/2-A	Lab Control Sample	Total/NA	Water	6020B	451803
310-304315-1 MS	MW-120AR	Total/NA	Water	6020B	451803
310-304315-1 MSD	MW-120AR	Total/NA	Water	6020B	451803
310-304315-12 DU	MW-402A	Total/NA	Water	6020B	451803

Analysis Batch: 452465

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-304315-21	MW-605	Total/NA	Water	6020B	451918
310-304315-22	MW-604	Total/NA	Water	6020B	451918
310-304315-23	MW-108AR	Total/NA	Water	6020B	451918
310-304315-24	Dup-3	Total/NA	Water	6020B	451918
310-304315-25	EQ-1	Total/NA	Water	6020B	451918
310-304315-30	OW-306AR	Total/NA	Water	6020B	451918
310-304315-32	MW-137A	Total/NA	Water	6020B	451918
310-304315-34	P-114BR	Total/NA	Water	6020B	451918
MB 310-451918/1-A	Method Blank	Total/NA	Water	6020B	451918
LCS 310-451918/2-A	Lab Control Sample	Total/NA	Water	6020B	451918

Analysis Batch: 452556

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-304315-21	MW-605	Total/NA	Water	6020B	451918
310-304315-30	OW-306AR	Total/NA	Water	6020B	451918

Metals (Continued)

Analysis Batch: 452556 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-304315-34	P-114BR	Total/NA	Water	6020B	451918

General Chemistry

Analysis Batch: 451895

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-304315-2	P-120B	Total/NA	Water	I-3765-85	
MB 310-451895/1	Method Blank	Total/NA	Water	I-3765-85	
LCS 310-451895/2	Lab Control Sample	Total/NA	Water	I-3765-85	

Analysis Batch: 451907

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-304315-1	MW-120AR	Total/NA	Water	I-3765-85	
310-304315-4	P-504B	Total/NA	Water	I-3765-85	
310-304315-5	P-503B	Total/NA	Water	I-3765-85	
310-304315-6	MW-505A	Total/NA	Water	I-3765-85	
310-304315-7	MW-502A	Total/NA	Water	I-3765-85	
310-304315-8	MW-501A	Total/NA	Water	I-3765-85	
310-304315-9	MW-404A	Total/NA	Water	I-3765-85	
310-304315-10	Dup-1	Total/NA	Water	I-3765-85	
310-304315-11	MW-403A	Total/NA	Water	I-3765-85	
310-304315-12	MW-402A	Total/NA	Water	I-3765-85	
310-304315-13	MW-401A	Total/NA	Water	I-3765-85	
310-304315-14	MW-102A	Total/NA	Water	I-3765-85	
310-304315-15	Dup-2	Total/NA	Water	I-3765-85	
310-304315-16	MW-201A	Total/NA	Water	I-3765-85	
310-304315-17	MW-103A	Total/NA	Water	I-3765-85	
310-304315-18	MW-202A	Total/NA	Water	I-3765-85	
310-304315-19	MW-204A	Total/NA	Water	I-3765-85	
310-304315-20	P-105B	Total/NA	Water	I-3765-85	
310-304315-21	MW-605	Total/NA	Water	I-3765-85	
310-304315-22	MW-604	Total/NA	Water	I-3765-85	
MB 310-451907/1	Method Blank	Total/NA	Water	I-3765-85	
LCS 310-451907/2	Lab Control Sample	Total/NA	Water	I-3765-85	
310-304315-14 DU	MW-102A	Total/NA	Water	I-3765-85	
310-304315-18 DU	MW-202A	Total/NA	Water	I-3765-85	

Analysis Batch: 452022

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-304315-25	EQ-1	Total/NA	Water	I-3765-85	
310-304315-27	MW-114AR	Total/NA	Water	I-3765-85	
310-304315-31	OW301A	Total/NA	Water	I-3765-85	
310-304315-32	MW-137A	Total/NA	Water	I-3765-85	
310-304315-33	GU-3	Total/NA	Water	I-3765-85	
MB 310-452022/1	Method Blank	Total/NA	Water	I-3765-85	
LCS 310-452022/2	Lab Control Sample	Total/NA	Water	I-3765-85	

Analysis Batch: 452041

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-304315-29	MW-109ARR	Total/NA	Water	I-3765-85	
MB 310-452041/1	Method Blank	Total/NA	Water	I-3765-85	

General Chemistry (Continued)

Analysis Batch: 452041 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 310-452041/2	Lab Control Sample	Total/NA	Water	I-3765-85	

Analysis Batch: 452073

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-304315-23	MW-108AR	Total/NA	Water	I-3765-85	
310-304315-24	Dup-3	Total/NA	Water	I-3765-85	
310-304315-26	P-108B	Total/NA	Water	I-3765-85	
310-304315-30	OW-306AR	Total/NA	Water	I-3765-85	
310-304315-34	P-114BR	Total/NA	Water	I-3765-85	
MB 310-452073/1	Method Blank	Total/NA	Water	I-3765-85	
LCS 310-452073/2	Lab Control Sample	Total/NA	Water	I-3765-85	

Lab Chronicle

Client: HDR Inc
Project/Site: DMASWA

Job ID: 310-304315-1

Client Sample ID: MW-120AR
Date Collected: 04/14/25 06:45
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	452071	WSE8	EET CF	04/19/25 23:49
Total/NA	Prep	3005A			451803	QTZ5	EET CF	04/17/25 09:00
Total/NA	Analysis	6020B		1	452282	ZRI4	EET CF	04/21/25 18:15
Total/NA	Analysis	I-3765-85		1	451907	DGU1	EET CF	04/17/25 12:19

Client Sample ID: P-120B
Date Collected: 04/14/25 06:30
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	452071	WSE8	EET CF	04/20/25 00:11
Total/NA	Prep	3005A			451803	QTZ5	EET CF	04/17/25 09:00
Total/NA	Analysis	6020B		1	452282	ZRI4	EET CF	04/21/25 18:29
Total/NA	Analysis	I-3765-85		1	451895	DGU1	EET CF	04/17/25 11:41

Client Sample ID: TB-1
Date Collected: 04/14/25 06:35
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	451876	WSE8	EET CF	04/18/25 10:58

Client Sample ID: P-504B
Date Collected: 04/14/25 07:20
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	451876	WSE8	EET CF	04/18/25 11:20
Total/NA	Prep	3005A			451803	QTZ5	EET CF	04/17/25 09:00
Total/NA	Analysis	6020B		1	452282	ZRI4	EET CF	04/21/25 18:32
Total/NA	Analysis	I-3765-85		1	451907	DGU1	EET CF	04/17/25 12:19

Client Sample ID: P-503B
Date Collected: 04/14/25 08:00
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	451876	WSE8	EET CF	04/18/25 11:43
Total/NA	Prep	3005A			451803	QTZ5	EET CF	04/17/25 09:00
Total/NA	Analysis	6020B		1	452282	ZRI4	EET CF	04/21/25 18:35
Total/NA	Analysis	I-3765-85		1	451907	DGU1	EET CF	04/17/25 12:19

Lab Chronicle

Client: HDR Inc
Project/Site: DMASWA

Job ID: 310-304315-1

Client Sample ID: MW-505A
Date Collected: 04/14/25 08:30
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	451876	WSE8	EET CF	04/18/25 12:06
Total/NA	Prep	3005A			451803	QTZ5	EET CF	04/17/25 09:00
Total/NA	Analysis	6020B		1	452282	ZRI4	EET CF	04/21/25 18:37
Total/NA	Analysis	I-3765-85		1	451907	DGU1	EET CF	04/17/25 12:19

Client Sample ID: MW-502A
Date Collected: 04/14/25 09:05
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	451876	WSE8	EET CF	04/18/25 12:29
Total/NA	Prep	3005A			451803	QTZ5	EET CF	04/17/25 09:00
Total/NA	Analysis	6020B		1	452282	ZRI4	EET CF	04/21/25 18:40
Total/NA	Analysis	I-3765-85		1	451907	DGU1	EET CF	04/17/25 12:19

Client Sample ID: MW-501A
Date Collected: 04/14/25 09:45
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	451876	WSE8	EET CF	04/18/25 12:51
Total/NA	Prep	3005A			451803	QTZ5	EET CF	04/17/25 09:00
Total/NA	Analysis	6020B		1	452282	ZRI4	EET CF	04/21/25 18:49
Total/NA	Analysis	I-3765-85		1	451907	DGU1	EET CF	04/17/25 12:19

Client Sample ID: MW-404A
Date Collected: 04/14/25 10:20
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	451876	WSE8	EET CF	04/18/25 13:14
Total/NA	Prep	3005A			451803	QTZ5	EET CF	04/17/25 09:00
Total/NA	Analysis	6020B		1	452282	ZRI4	EET CF	04/21/25 18:52
Total/NA	Analysis	I-3765-85		1	451907	DGU1	EET CF	04/17/25 12:19

Client Sample ID: Dup-1
Date Collected: 04/14/25 17:00
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-10
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	451876	WSE8	EET CF	04/18/25 13:36
Total/NA	Prep	3005A			451803	QTZ5	EET CF	04/17/25 09:00
Total/NA	Analysis	6020B		1	452282	ZRI4	EET CF	04/21/25 18:55
Total/NA	Analysis	I-3765-85		1	451907	DGU1	EET CF	04/17/25 12:19

Lab Chronicle

Client: HDR Inc
Project/Site: DMASWA

Job ID: 310-304315-1

Client Sample ID: MW-403A
Date Collected: 04/14/25 11:00
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-11
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	451876	WSE8	EET CF	04/18/25 13:59
Total/NA	Prep	3005A			451803	QTZ5	EET CF	04/17/25 09:00
Total/NA	Analysis	6020B		1	452282	ZRI4	EET CF	04/21/25 18:58
Total/NA	Analysis	I-3765-85		1	451907	DGU1	EET CF	04/17/25 12:19

Client Sample ID: MW-402A
Date Collected: 04/14/25 11:40
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-12
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	451876	WSE8	EET CF	04/18/25 14:21
Total/NA	Prep	3005A			451803	QTZ5	EET CF	04/17/25 09:00
Total/NA	Analysis	6020B		1	452282	ZRI4	EET CF	04/21/25 19:00
Total/NA	Analysis	I-3765-85		1	451907	DGU1	EET CF	04/17/25 12:19

Client Sample ID: MW-401A
Date Collected: 04/14/25 12:15
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-13
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	451876	WSE8	EET CF	04/18/25 14:44
Total/NA	Prep	3005A			451803	QTZ5	EET CF	04/17/25 09:00
Total/NA	Analysis	6020B		1	452282	ZRI4	EET CF	04/21/25 19:06
Total/NA	Analysis	I-3765-85		1	451907	DGU1	EET CF	04/17/25 12:19

Client Sample ID: MW-102A
Date Collected: 04/14/25 12:45
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-14
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	451876	WSE8	EET CF	04/18/25 15:06
Total/NA	Prep	3005A			451803	QTZ5	EET CF	04/17/25 09:00
Total/NA	Analysis	6020B		1	452282	ZRI4	EET CF	04/21/25 19:09
Total/NA	Analysis	I-3765-85		1	451907	DGU1	EET CF	04/17/25 12:19

Client Sample ID: Dup-2
Date Collected: 04/14/25 13:30
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-15
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	451876	WSE8	EET CF	04/18/25 15:29
Total/NA	Prep	3005A			451803	QTZ5	EET CF	04/17/25 09:00
Total/NA	Analysis	6020B		1	452282	ZRI4	EET CF	04/21/25 19:12
Total/NA	Analysis	I-3765-85		1	451907	DGU1	EET CF	04/17/25 12:19

Lab Chronicle

Client: HDR Inc
Project/Site: DMASWA

Job ID: 310-304315-1

Client Sample ID: MW-201A
Date Collected: 04/14/25 13:20
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-16
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	451876	WSE8	EET CF	04/18/25 15:51
Total/NA	Prep	3005A			451803	QTZ5	EET CF	04/17/25 09:00
Total/NA	Analysis	6020B		1	452282	ZRI4	EET CF	04/21/25 19:15
Total/NA	Analysis	I-3765-85		1	451907	DGU1	EET CF	04/17/25 12:19

Client Sample ID: MW-103A
Date Collected: 04/14/25 13:50
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-17
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	451876	WSE8	EET CF	04/18/25 16:14
Total/NA	Prep	3005A			451803	QTZ5	EET CF	04/17/25 09:00
Total/NA	Analysis	6020B		1	452282	ZRI4	EET CF	04/21/25 19:23
Total/NA	Analysis	I-3765-85		1	451907	DGU1	EET CF	04/17/25 12:19

Client Sample ID: MW-202A
Date Collected: 04/14/25 14:25
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-18
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	451876	WSE8	EET CF	04/18/25 16:36
Total/NA	Prep	3005A			451803	QTZ5	EET CF	04/17/25 09:00
Total/NA	Analysis	6020B		1	452282	ZRI4	EET CF	04/21/25 19:26
Total/NA	Analysis	I-3765-85		1	451907	DGU1	EET CF	04/17/25 12:19

Client Sample ID: MW-204A
Date Collected: 04/14/25 15:05
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-19
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	451876	WSE8	EET CF	04/18/25 16:59
Total/NA	Prep	3005A			451803	QTZ5	EET CF	04/17/25 09:00
Total/NA	Analysis	6020B		1	452282	ZRI4	EET CF	04/21/25 19:29
Total/NA	Analysis	I-3765-85		1	451907	DGU1	EET CF	04/17/25 12:19

Client Sample ID: P-105B
Date Collected: 04/14/25 15:55
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-20
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	451876	WSE8	EET CF	04/18/25 17:22
Total/NA	Prep	3005A			451803	QTZ5	EET CF	04/17/25 09:00
Total/NA	Analysis	6020B		1	452282	ZRI4	EET CF	04/21/25 19:32
Total/NA	Analysis	I-3765-85		1	451907	DGU1	EET CF	04/17/25 12:19

Lab Chronicle

Client: HDR Inc
Project/Site: DMASWA

Job ID: 310-304315-1

Client Sample ID: MW-605
Date Collected: 04/14/25 16:30
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-21
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	451876	WSE8	EET CF	04/18/25 17:44
Total/NA	Prep	3005A			451918	QTZ5	EET CF	04/18/25 09:30
Total/NA	Analysis	6020B		1	452465	ZRI4	EET CF	04/22/25 15:53
Total/NA	Prep	3005A			451918	QTZ5	EET CF	04/18/25 09:30
Total/NA	Analysis	6020B		1	452556	ZRI4	EET CF	04/23/25 16:10
Total/NA	Analysis	I-3765-85		1	451907	DGU1	EET CF	04/17/25 12:19

Client Sample ID: MW-604
Date Collected: 04/14/25 17:00
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-22
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	451876	WSE8	EET CF	04/18/25 18:07
Total/NA	Prep	3005A			451918	QTZ5	EET CF	04/18/25 09:30
Total/NA	Analysis	6020B		1	452465	ZRI4	EET CF	04/22/25 15:39
Total/NA	Analysis	I-3765-85		1	451907	DGU1	EET CF	04/17/25 12:19

Client Sample ID: MW-108AR
Date Collected: 04/15/25 06:25
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-23
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	452071	WSE8	EET CF	04/20/25 00:34
Total/NA	Prep	3005A			451918	QTZ5	EET CF	04/18/25 09:30
Total/NA	Analysis	6020B		1	452465	ZRI4	EET CF	04/22/25 15:36
Total/NA	Analysis	I-3765-85		1	452073	HE7K	EET CF	04/18/25 13:43

Client Sample ID: Dup-3
Date Collected: 04/15/25 13:00
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-24
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	452071	WSE8	EET CF	04/20/25 00:57
Total/NA	Prep	3005A			451918	QTZ5	EET CF	04/18/25 09:30
Total/NA	Analysis	6020B		1	452465	ZRI4	EET CF	04/22/25 15:30
Total/NA	Analysis	I-3765-85		1	452073	HE7K	EET CF	04/18/25 13:43

Client Sample ID: EQ-1
Date Collected: 04/15/25 06:35
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-25
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	452071	WSE8	EET CF	04/19/25 21:32
Total/NA	Prep	3005A			451918	QTZ5	EET CF	04/18/25 09:30
Total/NA	Analysis	6020B		1	452465	ZRI4	EET CF	04/22/25 15:33

Lab Chronicle

Client: HDR Inc
Project/Site: DMASWA

Job ID: 310-304315-1

Client Sample ID: EQ-1
Lab Sample ID: 310-304315-25
Date Collected: 04/15/25 06:35
Matrix: Water
Date Received: 04/16/25 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	I-3765-85		1	452022	HE7K	EET CF	04/18/25 11:16

Client Sample ID: P-108B
Lab Sample ID: 310-304315-26
Date Collected: 04/15/25 07:55
Matrix: Water
Date Received: 04/16/25 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	452071	WSE8	EET CF	04/20/25 01:19
Total/NA	Prep	3005A			451917	QTZ5	EET CF	04/18/25 09:30
Total/NA	Analysis	6020B		1	452124	NFT2	EET CF	04/18/25 19:54
Total/NA	Analysis	I-3765-85		1	452073	HE7K	EET CF	04/18/25 13:43

Client Sample ID: MW-114AR
Lab Sample ID: 310-304315-27
Date Collected: 04/15/25 08:35
Matrix: Water
Date Received: 04/16/25 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	452071	WSE8	EET CF	04/20/25 01:42
Total/NA	Prep	3005A			451917	QTZ5	EET CF	04/18/25 09:30
Total/NA	Analysis	6020B		1	452124	NFT2	EET CF	04/18/25 19:52
Total/NA	Analysis	I-3765-85		1	452022	HE7K	EET CF	04/18/25 11:16

Client Sample ID: TB-2
Lab Sample ID: 310-304315-28
Date Collected: 04/14/25 16:30
Matrix: Water
Date Received: 04/16/25 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	452071	WSE8	EET CF	04/19/25 21:55

Client Sample ID: MW-109ARR
Lab Sample ID: 310-304315-29
Date Collected: 04/15/25 07:15
Matrix: Water
Date Received: 04/16/25 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	452071	WSE8	EET CF	04/20/25 02:05
Total/NA	Prep	3005A			451917	QTZ5	EET CF	04/18/25 09:30
Total/NA	Analysis	6020B		1	452124	NFT2	EET CF	04/18/25 19:49
Total/NA	Analysis	I-3765-85		1	452041	HE7K	EET CF	04/18/25 11:51

Client Sample ID: OW-306AR
Lab Sample ID: 310-304315-30
Date Collected: 04/15/25 09:35
Matrix: Water
Date Received: 04/16/25 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	452071	WSE8	EET CF	04/20/25 02:28

Lab Chronicle

Client: HDR Inc
Project/Site: DMASWA

Job ID: 310-304315-1

Client Sample ID: OW-306AR
Date Collected: 04/15/25 09:35
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-30
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3005A			451918	QTZ5	EET CF	04/18/25 09:30
Total/NA	Analysis	6020B		1	452465	ZRI4	EET CF	04/22/25 15:48
Total/NA	Prep	3005A			451918	QTZ5	EET CF	04/18/25 09:30
Total/NA	Analysis	6020B		1	452556	ZRI4	EET CF	04/23/25 16:04
Total/NA	Analysis	I-3765-85		1	452073	HE7K	EET CF	04/18/25 13:43

Client Sample ID: OW301A
Date Collected: 04/15/25 10:15
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-31
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	452071	WSE8	EET CF	04/20/25 02:50
Total/NA	Prep	3005A			451917	QTZ5	EET CF	04/18/25 09:30
Total/NA	Analysis	6020B		1	452124	NFT2	EET CF	04/18/25 19:47
Total/NA	Analysis	I-3765-85		1	452022	HE7K	EET CF	04/18/25 11:16

Client Sample ID: MW-137A
Date Collected: 04/15/25 11:05
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-32
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	452071	WSE8	EET CF	04/20/25 03:13
Total/NA	Prep	3005A			451918	QTZ5	EET CF	04/18/25 09:30
Total/NA	Analysis	6020B		1	452465	ZRI4	EET CF	04/22/25 15:28
Total/NA	Analysis	I-3765-85		1	452022	HE7K	EET CF	04/18/25 11:16

Client Sample ID: GU-3
Date Collected: 04/15/25 11:20
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-33
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	452071	WSE8	EET CF	04/20/25 03:36
Total/NA	Prep	3005A			451917	QTZ5	EET CF	04/18/25 09:30
Total/NA	Analysis	6020B		1	452124	NFT2	EET CF	04/18/25 18:47
Total/NA	Analysis	I-3765-85		1	452022	HE7K	EET CF	04/18/25 11:16

Client Sample ID: P-114BR
Date Collected: 04/15/25 09:00
Date Received: 04/16/25 09:20

Lab Sample ID: 310-304315-34
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	452071	WSE8	EET CF	04/20/25 03:58
Total/NA	Prep	3005A			451918	QTZ5	EET CF	04/18/25 09:30
Total/NA	Analysis	6020B		1	452465	ZRI4	EET CF	04/22/25 15:51

Lab Chronicle

Client: HDR Inc
Project/Site: DMASWA

Job ID: 310-304315-1

Client Sample ID: P-114BR

Lab Sample ID: 310-304315-34

Date Collected: 04/15/25 09:00

Matrix: Water

Date Received: 04/16/25 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3005A			451918	QTZ5	EET CF	04/18/25 09:30
Total/NA	Analysis	6020B		1	452556	ZRI4	EET CF	04/23/25 16:07
Total/NA	Analysis	I-3765-85		1	452073	HE7K	EET CF	04/18/25 13:43

Client Sample ID: TB-3

Lab Sample ID: 310-304315-35

Date Collected: 04/15/25 11:10

Matrix: Water

Date Received: 04/16/25 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	452071	WSE8	EET CF	04/19/25 22:18

Laboratory References:

EET CF = Eurofins Cedar Falls, 3019 Venture Way, Cedar Falls, IA 50613, TEL (319)277-2401

Accreditation/Certification Summary

Client: HDR Inc
Project/Site: DMASWA

Job ID: 310-304315-1

Laboratory: Eurofins Cedar Falls

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Iowa	State	007	12-01-25

Method Summary

Client: HDR Inc
Project/Site: DMASWA

Job ID: 310-304315-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET CF
6020B	Metals (ICP/MS)	SW846	EET CF
I-3765-85	Residue, Non-filterable (TSS)	USGS	EET CF
3005A	Preparation, Total Metals	SW846	EET CF
5030B	Purge and Trap	SW846	EET CF

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

USGS = "Methods For Analysis Of Water And Fluvial Sediments", USGS, 1989

Laboratory References:

EET CF = Eurofins Cedar Falls, 3019 Venture Way, Cedar Falls, IA 50613, TEL (319)277-2401

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310-304315 Chain of Custody

Cooler/Sample Receipt and Temperature Log Form

Client Information

Client: HDR

City/State: CITY Omaha STATE NE Project:

Receipt Information

Date/Time Received: DATE 4/16/25 TIME 920 Received By XB

Delivery Type: ☐ UPS ☒ FedEx ☐ FedEx Ground ☐ US Mail ☐ Spee-Dee
☐ Lab Courier ☐ Lab Field Services ☐ Client Drop-off ☐ Other:_____

Condition of Cooler/Containers

Sample(s) received in Cooler? ☒ Yes ☐ No *If yes:* Cooler ID:

Multiple Coolers? ☒ Yes ☐ No *If yes:* Cooler # 1 of 4

Cooler Custody Seals Present? ☒ Yes ☐ No *If yes:* Cooler custody seals intact? ☒ Yes ☐ No

Sample Custody Seals Present? ☐ Yes ☒ No *If yes:* Sample custody seals intact? ☐ Yes ☐ No

Trip Blank Present? ☒ Yes ☐ No *If yes:* Which VOA samples are in cooler? ↓

Page 3 of COC

Temperature Record

Coolant: ☒ Wet ice ☐ Blue ice ☐ Dry ice ☐ Other:_____ ☐ NONE

Thermometer ID: 2 Correction Factor (°C): 0

• **Temp Blank Temperature** – If no temp blank, or temp blank temperature above criteria, proceed to Sample Container Temperature

Uncorrected Temp (°C): 0.6 Corrected Temp (°C): 0.6

• **Sample Container Temperature**

	CONTAINER 1	CONTAINER 2
Container(s) used:		
Uncorrected Temp (°C):		
Corrected Temp (°C):		

Exceptions Noted

1) If temperature exceeds criteria, was sample(s) received same day of sampling? ☐ Yes ☐ No
   a) *If yes:* Is there evidence that the chilling process began? ☐ Yes ☐ No

2) If temperature is <0°C, are there obvious signs that the integrity of sample containers is compromised? (e.g , bulging septa, broken/cracked bottles, frozen solid?) ☐ Yes ☐ No

NOTE: If yes, contact PM before proceeding If no, proceed with login

Additional Comments

Document CED-P-SAM-FRM45521
Revision: 26
Date 27 Jan 2022

Eurofins Cedar Falls

General temperature criteria is 0 to 6°C
Bacteria temperature criteria is 0 to 10°C

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Place COC scanning label here

Cooler/Sample Receipt and Temperature Log Form

Client Information

Client: HR

City/State: CITY Omaha STATE NE Project:

Receipt Information

Date/Time Received: DATE 4/16/25 TIME 920 Received By: CB

Delivery Type: ☐ UPS ☒ FedEx ☐ FedEx Ground ☐ US Mail ☐ Spee-Dee ☐ Lab Courier ☐ Lab Field Services ☐ Client Drop-off ☐ Other:

Condition of Cooler/Containers

Sample(s) received in Cooler? ☒ Yes ☐ No *If yes:* Cooler ID:

Multiple Coolers? ☒ Yes ☐ No *If yes:* Cooler # 2 of 4

Cooler Custody Seals Present? ☒ Yes ☐ No *If yes:* Cooler custody seals intact? ☒ Yes ☐ No

Sample Custody Seals Present? ☐ Yes ☒ No *If yes:* Sample custody seals intact? ☐ Yes ☐ No

Trip Blank Present? ☒ Yes ☐ No *If yes:* Which VOA samples are in cooler? ↓

COC page 1

Temperature Record

Coolant: ☒ Wet ice ☐ Blue ice ☐ Dry ice ☐ Other: ☐ NONE

Thermometer ID: 2 Correction Factor (°C): 0

• **Temp Blank Temperature** – If no temp blank, or temp blank temperature above criteria, proceed to Sample Container Temperature

Uncorrected Temp (°C): 0.6 Corrected Temp (°C): 0.6

• **Sample Container Temperature**

	CONTAINER 1	CONTAINER 2
Container(s) used		
Uncorrected Temp (°C):		
Corrected Temp (°C):		

Exceptions Noted

1) If temperature exceeds criteria, was sample(s) received same day of sampling? ☐ Yes ☐ No
   a) *If yes:* Is there evidence that the chilling process began? ☐ Yes ☐ No

2) If temperature is <0°C, are there obvious signs that the integrity of sample containers is compromised? (e g , bulging septa, broken/cracked bottles, frozen solid?) ☐ Yes ☐ No

NOTE. If yes, contact PM before proceeding If no, proceed with login

Additional Comments

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Place COC scanning label here

Cooler/Sample Receipt and Temperature Log Form

Client Information

Client: HDR

City/State: CITY Omaha STATE NE | Project:

Receipt Information

Date/Time Received. DATE 4/16/25 TIME 920 | Received By: [illegible]

Delivery Type: ☐ UPS ☒ FedEx ☐ FedEx Ground ☐ US Mail ☐ Spee-Dee
☐ Lab Courier ☐ Lab Field Services ☐ Client Drop-off ☐ Other:_____

Condition of Cooler/Containers

Sample(s) received in Cooler? ☒ Yes ☐ No *If yes:* Cooler ID:

Multiple Coolers? ☒ Yes ☐ No *If yes:* Cooler # 3 of 4

Cooler Custody Seals Present? ☒ Yes ☐ No *If yes:* Cooler custody seals intact? ☒ Yes ☐ No

Sample Custody Seals Present? ☐ Yes ☒ No *If yes:* Sample custody seals intact? ☐ Yes ☐ No

Trip Blank Present? ☐ Yes ☒ No *If yes:* Which VOA samples are in cooler? ↓

Temperature Record

Coolant: ☒ Wet ice ☐ Blue ice ☐ Dry ice ☐ Other:_____ ☐ NONE

Thermometer ID: 2 | Correction Factor (°C): 0

• Temp Blank Temperature – If no temp blank, or temp blank temperature above criteria, proceed to Sample Container Temperature

Uncorrected Temp (°C): 0.9 | Corrected Temp (°C): 0.9

• Sample Container Temperature

	CONTAINER 1	CONTAINER 2
Container(s) used.		
Uncorrected Temp (°C):		
Corrected Temp (°C):		

Exceptions Noted

1) If temperature exceeds criteria, was sample(s) received same day of sampling? ☐ Yes ☐ No
   a) *If yes:* Is there evidence that the chilling process began? ☐ Yes ☐ No

2) If temperature is <0°C, are there obvious signs that the integrity of sample containers is compromised? (e.g , bulging septa, broken/cracked bottles, frozen solid?) ☐ Yes ☐ No

NOTE. If yes, contact PM before proceeding. If no, proceed with login

Additional Comments

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Place COC scanning label here

Cooler/Sample Receipt and Temperature Log Form

Client Information

Client: HR

City/State: CITY Omaha STATE NE | Project:

Receipt Information

Date/Time Received: DATE 4/16/25 TIME 920 | Received By: [illegible]

Delivery Type: ☐ UPS ☒ FedEx ☐ FedEx Ground ☐ US Mail ☐ Spee-Dee ☐ Lab Courier ☐ Lab Field Services ☐ Client Drop-off ☐ Other._____

Condition of Cooler/Containers

Sample(s) received in Cooler? ☒ Yes ☐ No *If yes:* Cooler ID.

Multiple Coolers? ☒ Yes ☐ No *If yes:* Cooler # 4 of 4

Cooler Custody Seals Present? ☒ Yes ☐ No *If yes:* Cooler custody seals intact? ☒ Yes ☐ No

Sample Custody Seals Present? ☐ Yes ☒ No *If yes:* Sample custody seals intact? ☐ Yes ☐ No

Trip Blank Present? ☒ Yes ☐ No *If yes:* Which VOA samples are in cooler? ↓

Page 4 of COC

Temperature Record

Coolant: ☒ Wet ice ☐ Blue ice ☐ Dry ice ☐ Other:_____ ☐ NONE

Thermometer ID: 2 | Correction Factor (°C): 0

• **Temp Blank Temperature** – If no temp blank, or temp blank temperature above criteria, proceed to Sample Container Temperature

Uncorrected Temp (°C): 0.4 | Corrected Temp (°C): 0.4

• **Sample Container Temperature**

	CONTAINER 1	CONTAINER 2
Container(s) used:		
Uncorrected Temp (°C):		
Corrected Temp (°C).		

Exceptions Noted

1) If temperature exceeds criteria, was sample(s) received same day of sampling? ☐ Yes ☐ No
   a) *If yes:* Is there evidence that the chilling process began? ☐ Yes ☐ No

2) If temperature is <0°C, are there obvious signs that the integrity of sample containers is compromised? (e g , bulging septa, broken/cracked bottles, frozen solid?) ☐ Yes ☐ No

NOTE If yes, contact PM before proceeding If no, proceed with login

Additional Comments

Cooler #1

Eurofins Cedar Falls
3019 Venture Way
Cedar Falls, IA 50613
Phone (319) 277-2401 Phone (319) 277-2425

Chain of Custody Record

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Client Information	Sampler: Will Nicholson	Lab PM: Connor Calhoun	Carrier Tracking No(s)	COC No
Client Contact: Will Nicholson	Phone: 706-252-1418	E-Mail	State of Origin	Page
Company: HDR Engineering	PWSID			Job #:
Address: 1917 S 67th St	Due Date Requested			
City: Omaha	TAT Requested (days)			
State, Zip: Nebraska, 68106	Compliance Project: Δ Yes Δ No			
Phone: 706-252-1418	PO #:			
Email: william.nicholson@hdrinc.com	WO #:			
Project Name: DMASWA	Project #: Invoice to Kenneth Miller			
Site: DMASWA	SSOW#:			

Analysis Requested

Preservation Codes.

A	HCL	M	Hexane
B	NaOH	N	None
C	Zn Acetate	O	AsNaO2
D	Nitric Acid	P	Na2O4S
E	NaHSO4	Q	Na2SO3
F	MeOH	R	Na2S2O3
G	Amchlor	S	H2SO4
H	Ascorbic Acid	T	TSP Dodecahydrate
I	Ice	U	Acetone
J	DI Water	V	MCAA
K	EDTA	W	pH 4-5
L	EDA	Z	other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Appendix I	TSS	Appendix I - VOCs Only	Total Number of containers	Special Instructions/Note:
			Preservation Code								
MW-120 AR	4/14/25	0645	G	W	N	N	X	X			
P-120B		0635	G	W	N	N	X	X			
TB-1		0635	G	W	N	N			X		
P-504B		0720	G	W	N	N	X	X			
P-503B		0800	G	W	N	N	X	X			
MW-505A		0830	G	W	N	N	X	X			
MW-502A		0905	G	W	N	N	X	X			
MW-501A		0945	G	W	N	N	X	X			
MW-404A		1020	G	W	N	N	X	X			
DUP-1		1700	G	W	N	N	X	X			
			G	W	N	N					

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I, II, III, IV, Other (specify)

Special Instructions/QC Requirements

Empty Kit Relinquished by:	Date	Time	Method of Shipment:

	Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company
1		4/15/25 1600	HDR			
2	Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company
3	Relinquished by	Date/Time	Company	Received by: XB	Date/Time 4/16/25 120	Company

Cooler Temperature(s) °C and Other Remarks

COOLER #2

Eurofins Cedar Falls
3019 Venture Way
Cedar Falls, IA 50613
Phone (319) 277-2401 Phone (319) 277-2425

Chain of Custody Record

eurofins Environment Testing America

Client Information	Sampler: Will Nicholson	Lab PM: Connor Calhoun	Carrier Tracking No(s):	COC No:
Client Contact: Will Nicholson	Phone: 706-252-1418	E-Mail:	State of Origin:	Page:
Company: HDR Engineering	PWSID:	Analysis Requested		Job #:
Address: 1917 S 67th St	Due Date Requested:			Preservation Codes: A HCL, B NaOH, C Zn Acetate, D Nitric Acid, E NaHSO4, F MeOH, G Amchlor, H Ascorbic Acid, I Ice, J DI Water, K EDTA, L EDA, M Hexane, N None, O AsNaO2, P Na2O4S, Q Na2SO3, R Na2S2O3, S H2SO4, T TSP Dodecahydrate, U Acetone, V MCAA, W pH 4-5, Z other (specify); Other:
City: Omaha	TAT Requested (days):			
State, Zip: Nebraska, 68106	Compliance Project: Δ Yes Δ No			
Phone: 706-252-1418	PO #:			
Email: william.nicholson@hdrinc.com	WO #:			
Project Name: DMASWA	Project #: Invoice to Kenneth Miller			
Site: DMASWA	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Appendix I	TSS	Appendix I - VOCs Only	Total Number of containers	Special Instructions/Note:
			Preservation Code								
MW-403A	4/14/25	1100	G	W	N	N	X	X			
MW-402A		1140	G	W	N	N	X	X			
MW-401A		1215	G	W	N	N	X	X			
MW-102A		1245	G	W	N	N	X	X			
DUP-2		1330	G	W	N	N	X	X			
~~MW-10~~ MW-201A		1320	G	W	N	N	X	X			
MW-103A		1350	G	W	N	N	X	X			
MW-202A		1425	G	W	N	N	X	X			
MW-204A		1505	G	W	N	N	X	X			
			G	W	N	N					
			G	W	N	N					

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I, II, III, IV, Other (specify)

Special Instructions/QC Requirements

Empty Kit Relinquished by:	Date	Time	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
	[signature]	4/15/25 1600	HDR			
	Relinquished by	Date/Time:	Company	Received by	Date/Time	Company
	Relinquished by:	Date/Time:	Company	Received by: XB	Date/Time: 4/16/25 920	Company

Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Cooler #3

Eurofins Cedar Falls
3019 Venture Way
Cedar Falls, IA 50613
Phone (319) 277-2401 Phone (319) 277-2425

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: Will Nicholson	Lab PM: Connor Calhoun	Carrier Tracking No(s):	COC No:
Client Contact: Will Nicholson	Phone: 706-252-1418	E-Mail:	State of Origin:	Page:
Company: HDR Engineering	PWSID:	Analysis Requested		Job #:
Address: 1917 S 67th St	Due Date Requested:			Preservation Codes: A HCL, B NaOH, C - Zn Acetate, D Nitric Acid, E NaHSO4, F MeOH, G Amchlor, H Ascorbic Acid, I Ice, J DI Water, K EDTA, L EDA, M Hexane, N None, O AsNaO2, P Na2O4S, Q Na2SO3, R Na2S2O3, S H2SO4, T TSP Dodecahydrate, U Acetone, V MCAA, W pH 4-5, Z other (specify); Other:
City: Omaha	TAT Requested (days):			
State Zip: Nebraska, 68106	Compliance Project: Δ Yes Δ No			
Phone: 706-252-1418	PO #:			
Email: william.nicholson@hdrinc.com	WO #:			
Project Name: DMASWA	Project #: Invoice to Kenneth Miller			
Site: DMASWA	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Appendix I	TSS	Appendix I - VOCs Only	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
P-105B	4/14/25	1555	G	W	N	N	X	X			
MW-605	4/14/25	1630	G	W	N	N	X	X			
MW-604	4/14/25	1700	G	W	N	N	X	X			
MW-108AR	4/15/25	0625	G	W	N	N	X	X			
DUP-3	4/15/25	1300	G	W	N	N	X	X			
EQ-1	4/15/25	0625	G	W	N	N	X	X			
P-108B	4/15/25	0755	G	W	N	N	X	X			
MW-114AR	4/15/25	0835	G	W	N	N	X	X			
~~P-114BR~~	~~4/15/25~~		G	W	N	N	X	X			
TB-2	4/14/25	1630	G	W	N	N			X		
MW-109ARR	4/15/25	0715	G	W	N	N	X	X			

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I, II, III, IV, Other (specify)

Special Instructions/QC Requirements

Empty Kit Relinquished by:	Date	Time	Method of Shipment:

Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company
[signature]	4/15/25 1600	HDR			
Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company
Relinquished by:	Date/Time:	Company	Received by: [signature]	Date/Time: 4/16/25 920	Company

Custody Seals Intact Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks.

Ver: 01/16/2019

Eurofins Cedar Falls
3019 Venture Way
Cedar Falls, IA 50613
Phone (319) 277-2401 Phone (319) 277-2425

Cooler #4

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: Will Nicholson	Lab PM: Connor Calhoun	Carrier Tracking No(s):	COC No.
Client Contact: Will Nicholson	Phone: 706-252-1418	E-Mail:	State of Origin:	Page
Company: HDR Engineering	PWSID:			Job #:
Address: 1917 S 67th St	Due Date Requested:			
City: Omaha	TAT Requested (days):			
State, Zip: Nebraska, 68106	Compliance Project: Δ Yes Δ No			
Phone: 706-252-1418	PO #:			
Email: william.nicholson@hdrinc.com	WO #:			
Project Name: DMASWA	Project #: Invoice to Kenneth Miller			
Site: DMASWA	SSOW#:			

Analysis Requested

Preservation Codes:

A	HCL	M	Hexane
B	NaOH	N	None
C	Zn Acetate	O	AsNaO2
D	Nitric Acid	P	Na2O4S
E	NaHSO4	Q	Na2SO3
F	MeOH	R	Na2S2O3
G	Amchlor	S	H2SO4
H	Ascorbic Acid	T	TSP Dodecahydrate
I	Ice	U	Acetone
J	DI Water	V	MCAA
K	EDTA	W	pH 4-5
L	EDA	Z	other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Appendix I	TSS	Appendix I - VOCs Only	Total Number of containers	Special Instructions/Note:
			Preservation Code								
OW-306AR	4/15/25	0935	G	W	N	N	X	X			
OW-301A	4/15/25	1015	G	W	N	N	X	X			
MW-137A	4/15/25	1105	G	W	N	N	X	X			
GD-3	4/15/25	1120	G	W	N	N	X	X			
P-114BR	4/15/25	0900	G	W	N	N	X	X			
TB-3	4/15/25	1110	G	W	N	N			X		
			G	W	N	N					
			G	W	N	N					
			G	W	N	N					
			G	W	N	N					
			G	W	N	N					

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I, II, III, IV, Other (specify)

Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
[signature]	4/15/25 1600	HDR			
Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company
Relinquished by:	Date/Time	Company	Received by: XB	Date/Time: 4/16/25 920	Company:

Custody Seals Intact: Δ Yes Δ No | Custody Seal No

Cooler Temperature(s) °C and Other Remarks.

Ver: 01/16/2019

4/25/2025

Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 310-304315-1

Login Number: 304315
List Number: 1
Creator: Bunker, Xavier M

List Source: Eurofins Cedar Falls

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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Attachment 3

Statistical Analysis

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Monitoring Wells – Appendix I Metals

Outlier Analysis

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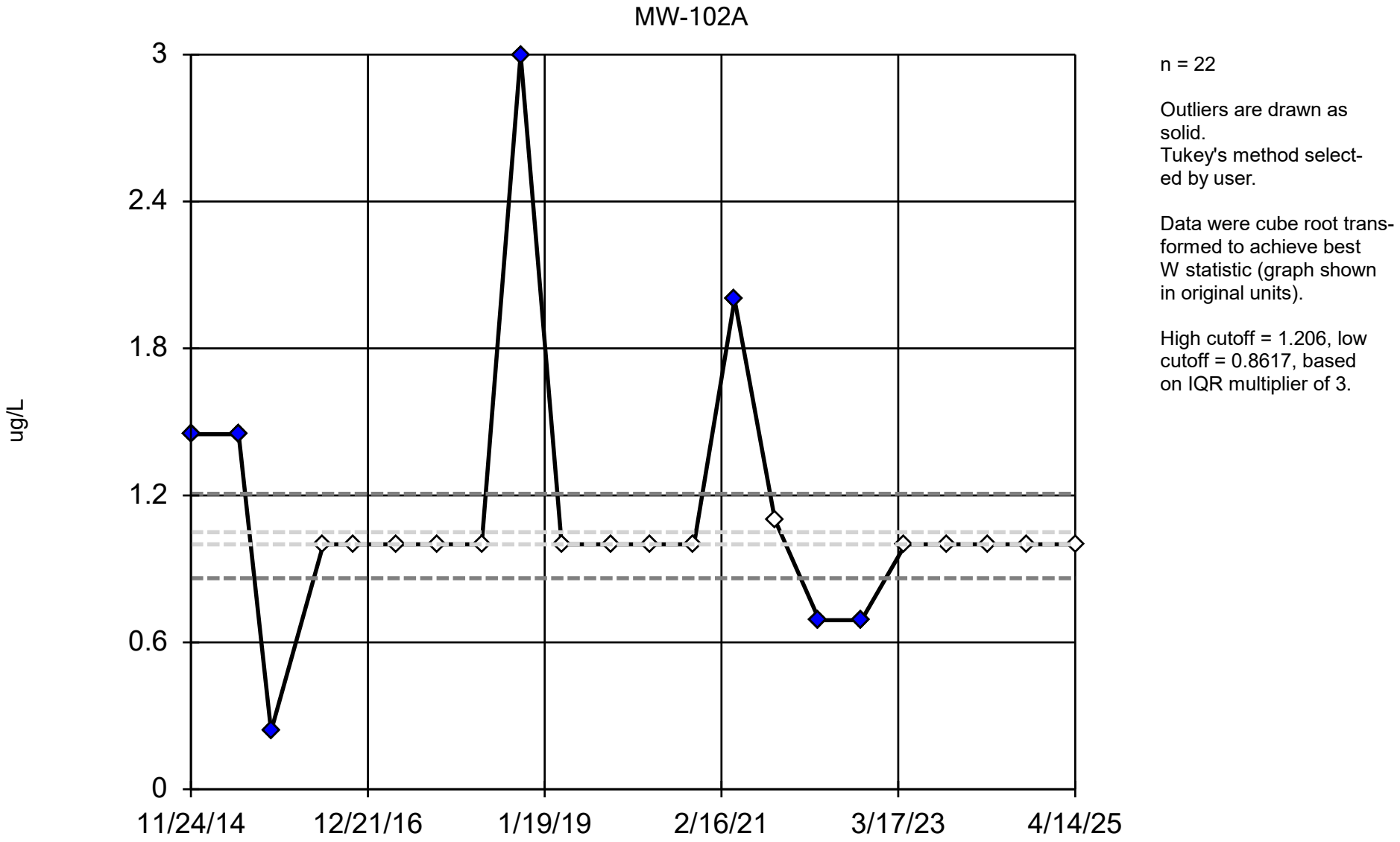
Tukey's Outlier Screening



n = 22

Outliers are drawn as solid.
Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 1.206, low cutoff = 0.8617, based on IQR multiplier of 3.

Constituent: Antimony Analysis Run 6/12/2025 10:58 AM View: All Wells - Appendix I Metals DMASWA Data: DMASWA Database_Updated

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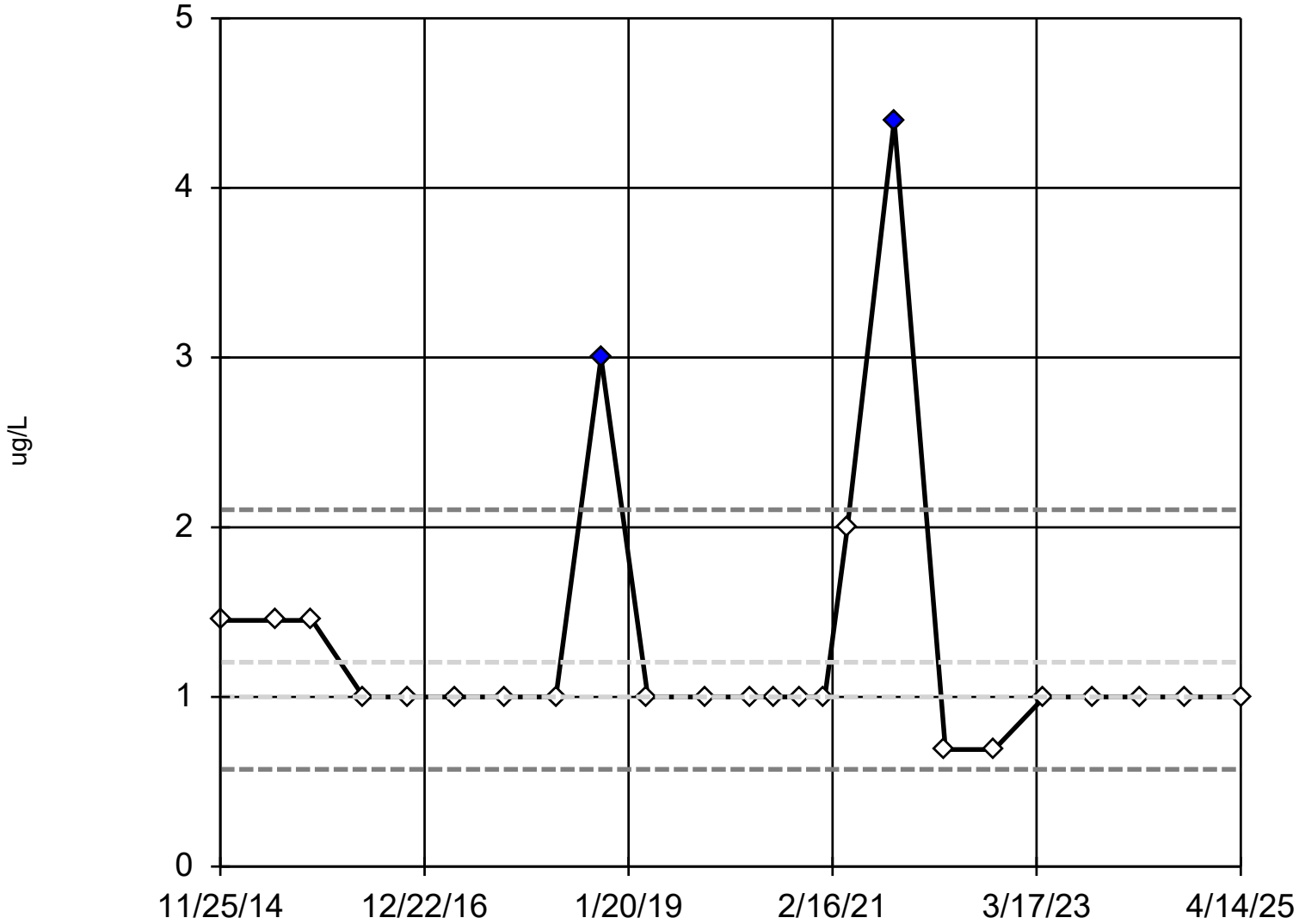
Tukey's Outlier Screening

MW-201A



n = 24

Outliers are drawn as solid.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 2.103, low cutoff = 0.5727, based on IQR multiplier of 3.

Constituent: Antimony Analysis Run 6/12/2025 10:58 AM View: All Wells - Appendix I Metals DMASWA Data: DMASWA Database_Updated

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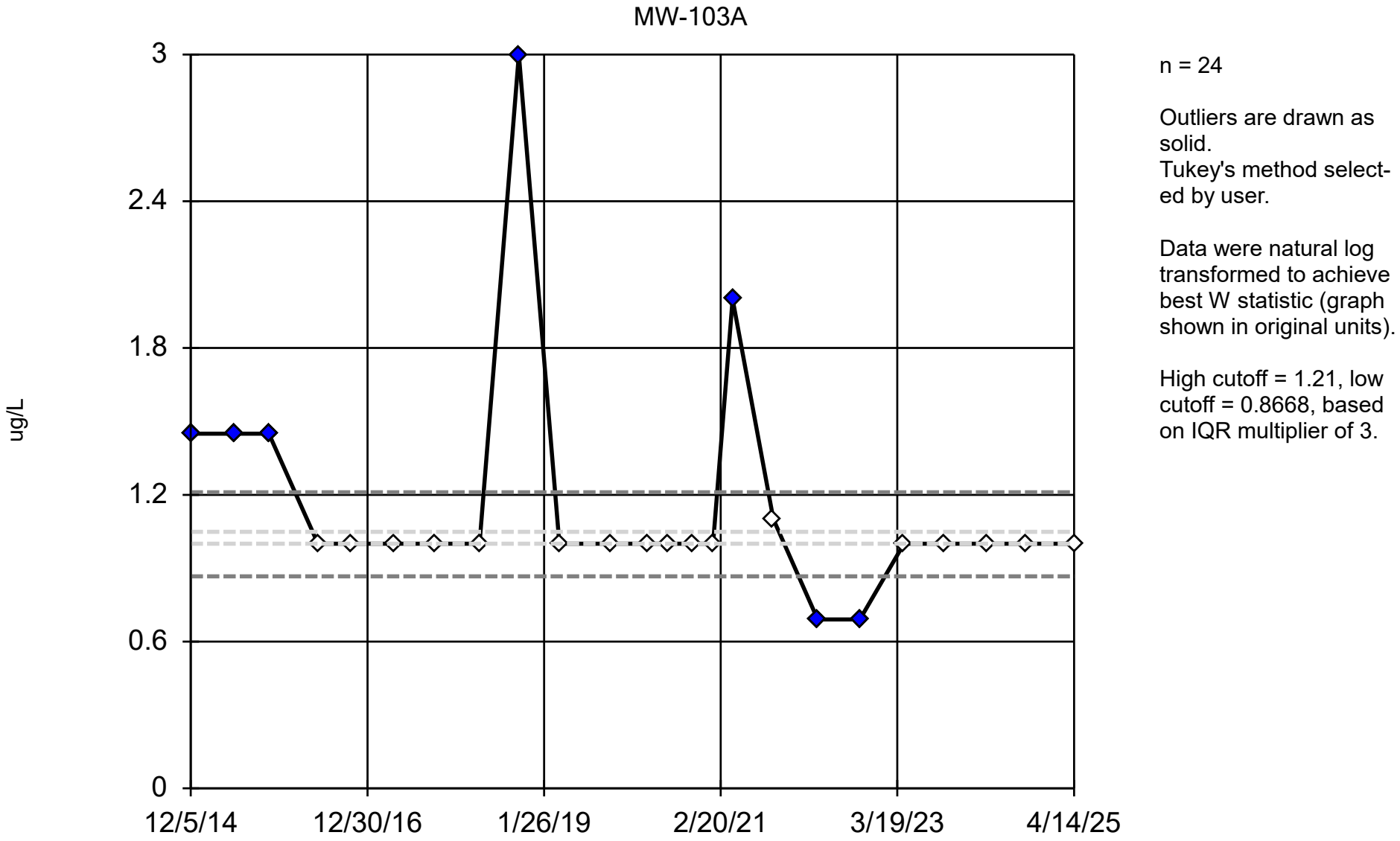
Tukey's Outlier Screening



n = 24

Outliers are drawn as solid.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 1.21, low cutoff = 0.8668, based on IQR multiplier of 3.

Constituent: Antimony Analysis Run 6/12/2025 10:58 AM View: All Wells - Appendix I Metals DMASWA Data: DMASWA Database_Updated

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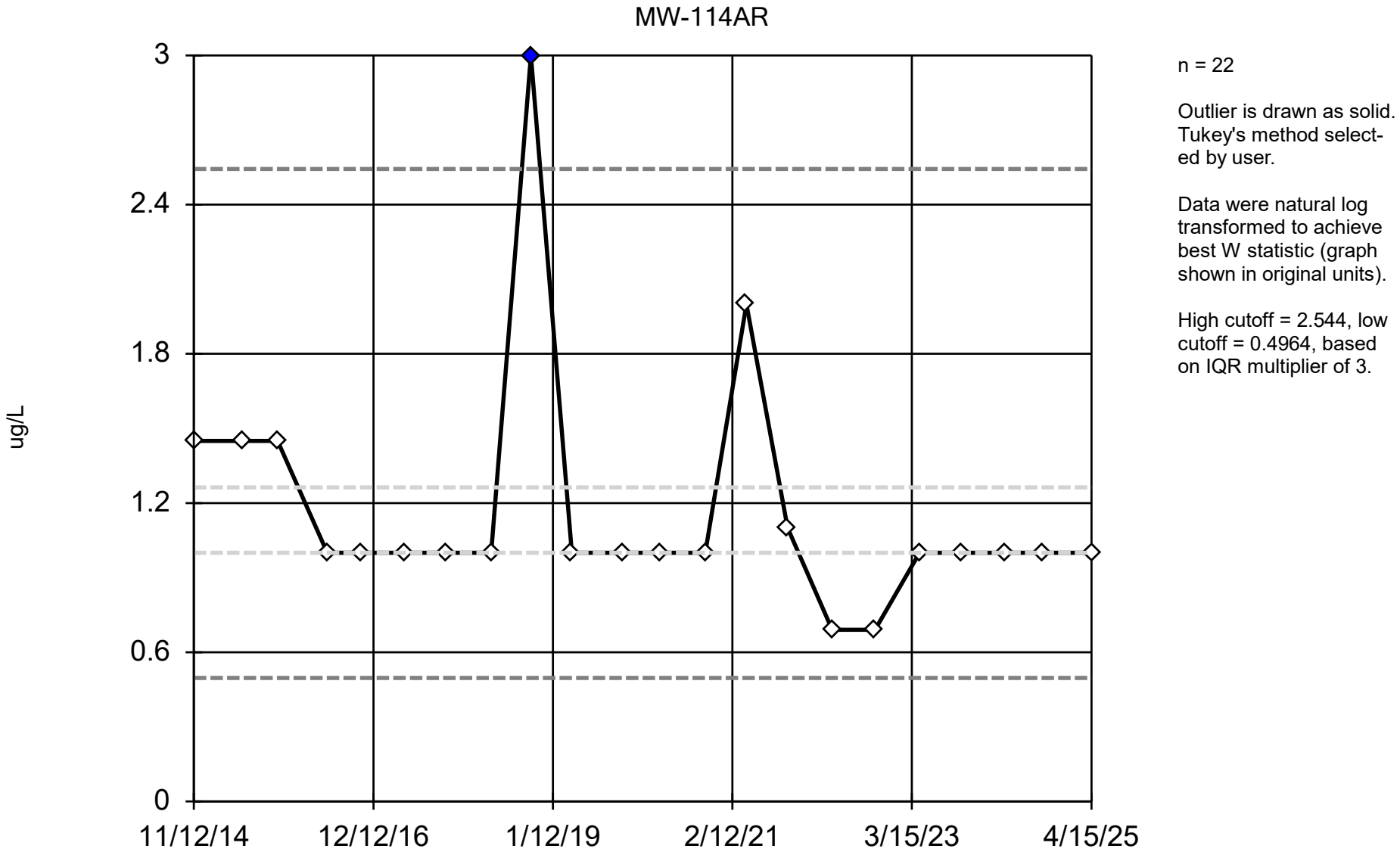
Tukey's Outlier Screening



n = 22

Outlier is drawn as solid. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 2.544, low cutoff = 0.4964, based on IQR multiplier of 3.

Constituent: Antimony Analysis Run 6/12/2025 10:58 AM View: All Wells - Appendix I Metals DMASWA Data: DMASWA Database_Updated

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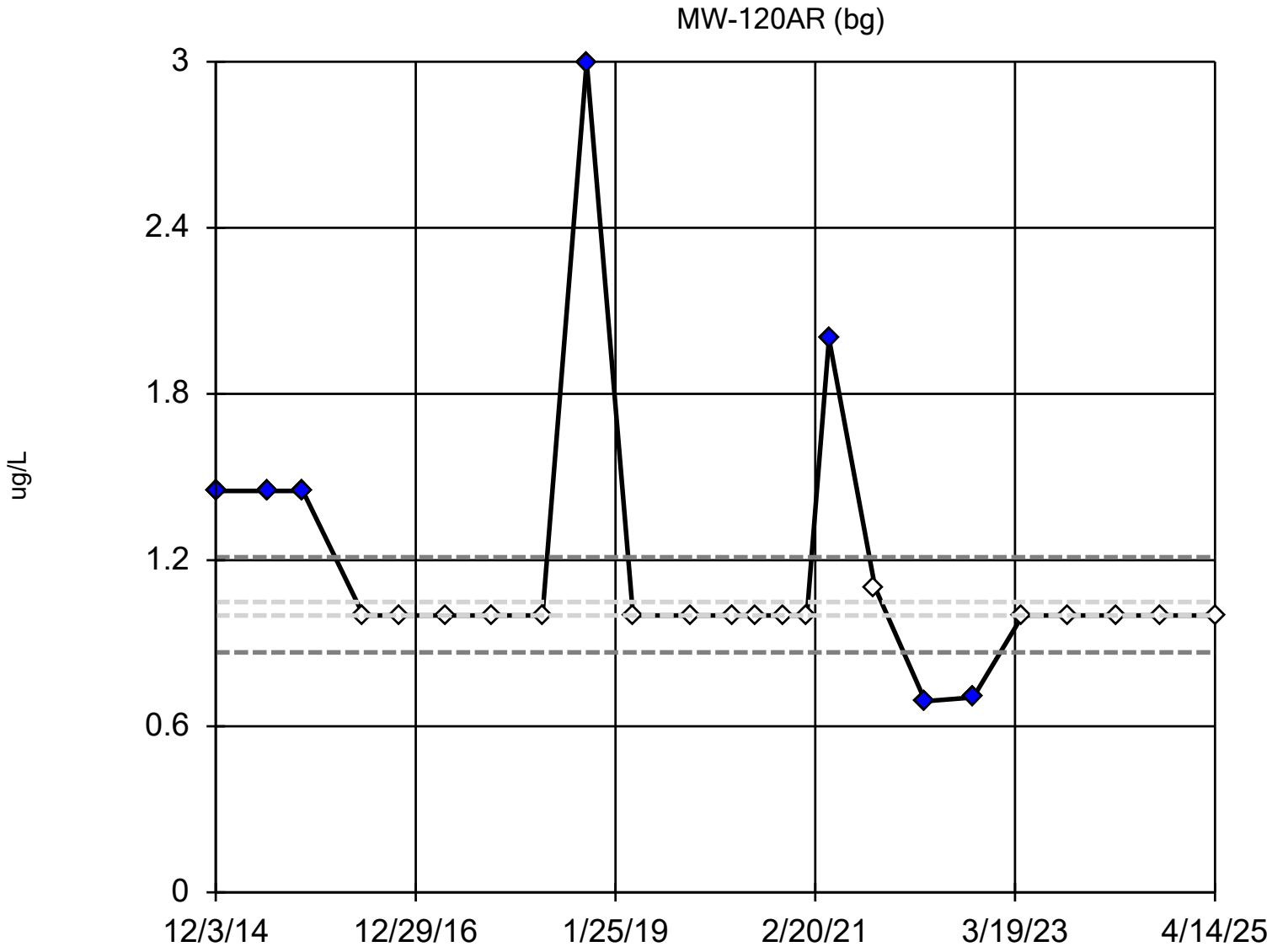
Tukey's Outlier Screening



n = 24

Outliers are drawn as solid.
Tukey's method selected by user.

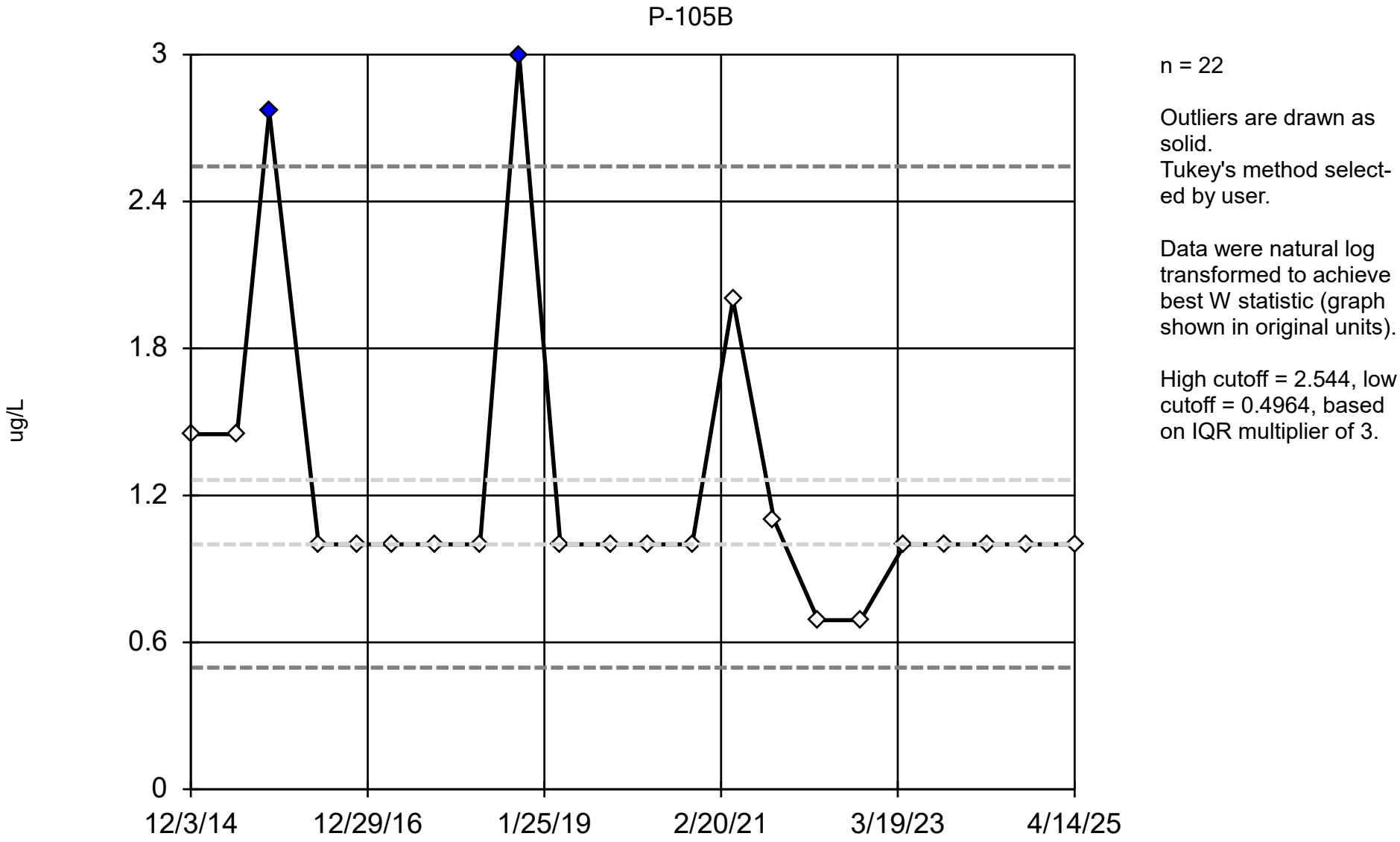
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 1.21, low cutoff = 0.8668, based on IQR multiplier of 3.

Constituent: Antimony Analysis Run 6/12/2025 10:58 AM View: All Wells - Appendix I Metals DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG

Tukey's Outlier Screening



n = 22

Outliers are drawn as solid.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 2.544, low cutoff = 0.4964, based on IQR multiplier of 3.

Constituent: Antimony Analysis Run 6/12/2025 10:58 AM View: All Wells - Appendix I Metals DMASWA Data: DMASWA Database_Updated

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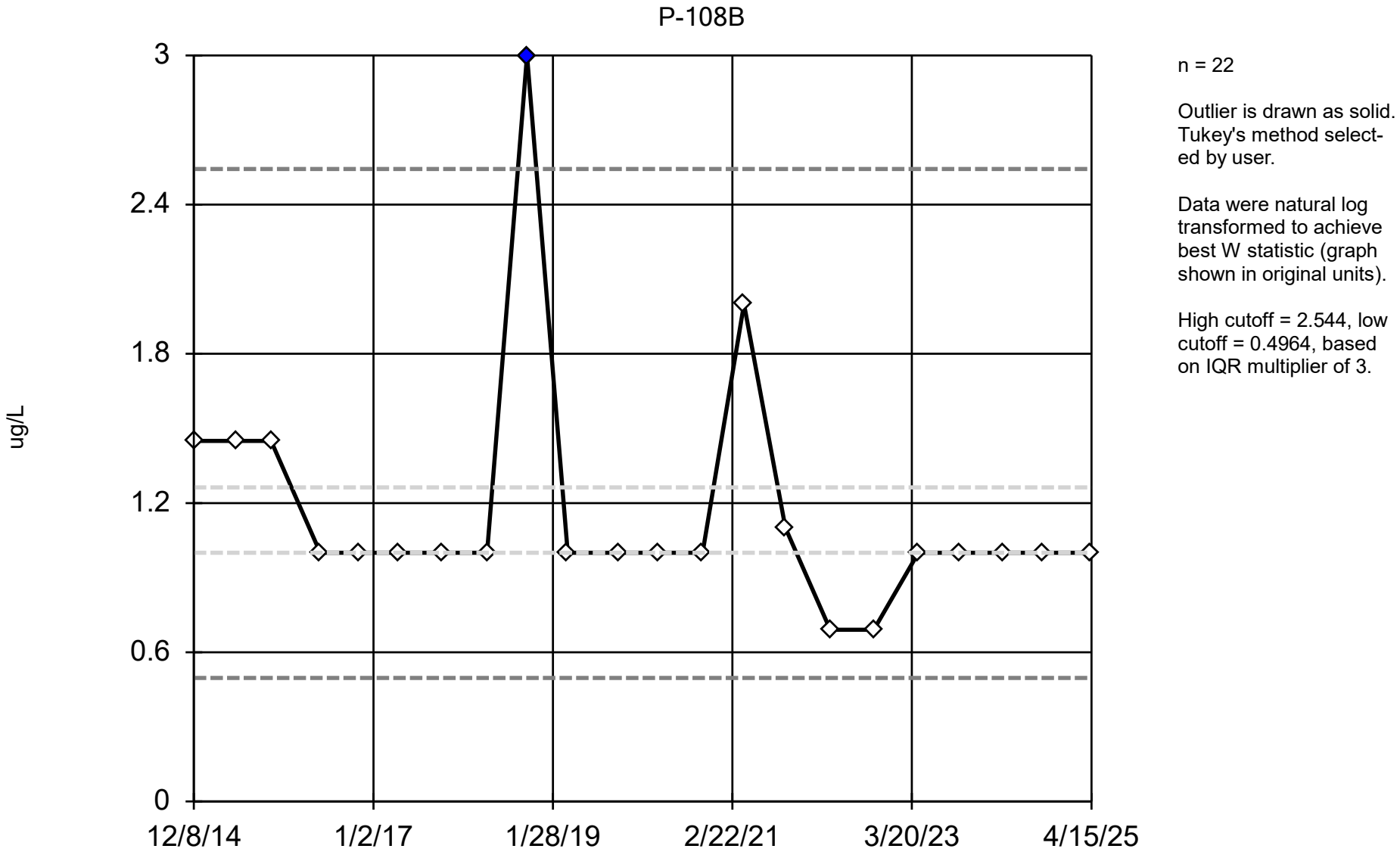
Tukey's Outlier Screening



n = 22

Outlier is drawn as solid. Tukey's method selected by user.

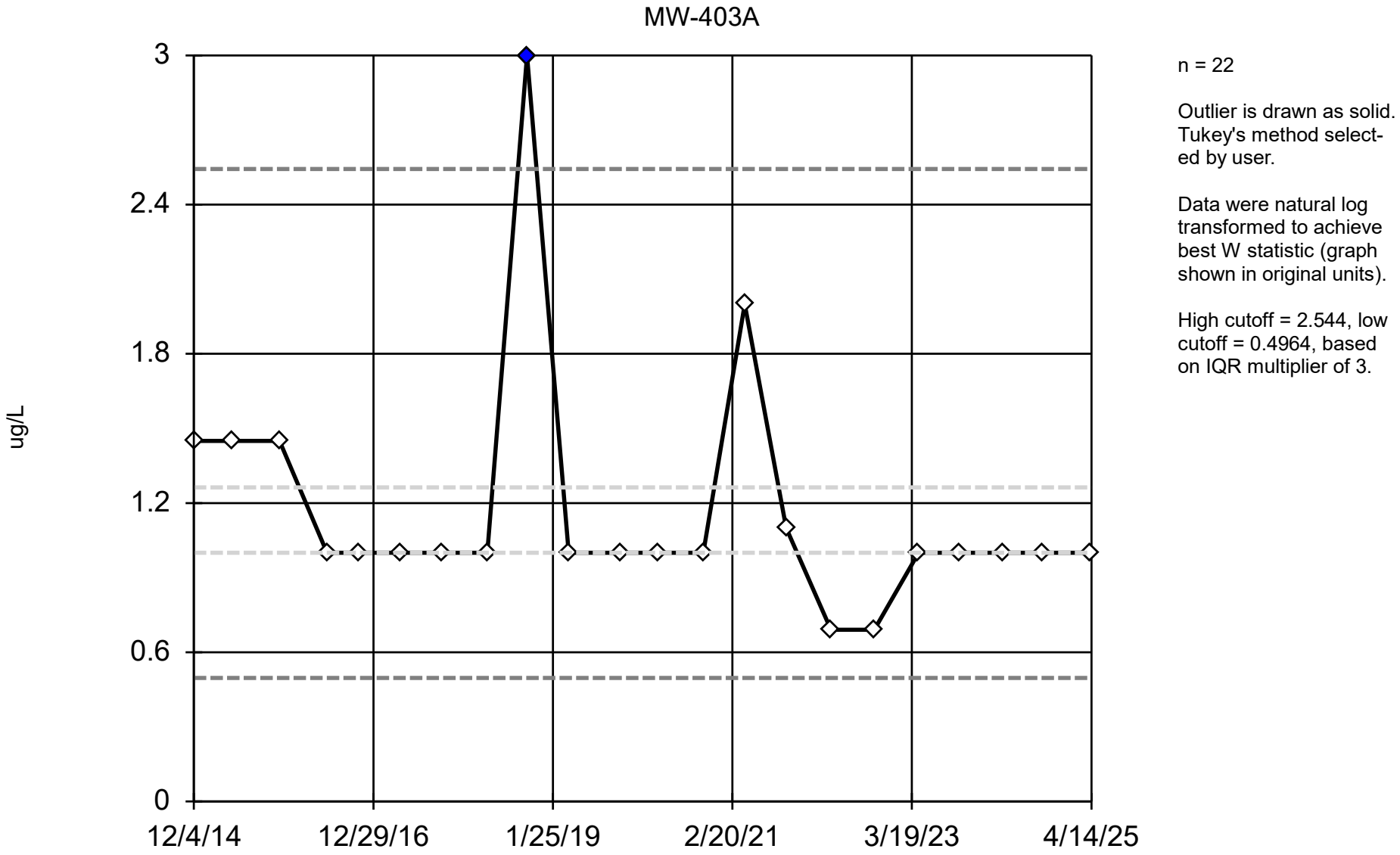
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 2.544, low cutoff = 0.4964, based on IQR multiplier of 3.

Constituent: Antimony Analysis Run 6/12/2025 10:58 AM View: All Wells - Appendix I Metals DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG

Tukey's Outlier Screening



n = 22

Outlier is drawn as solid. Tukey's method selected by user.

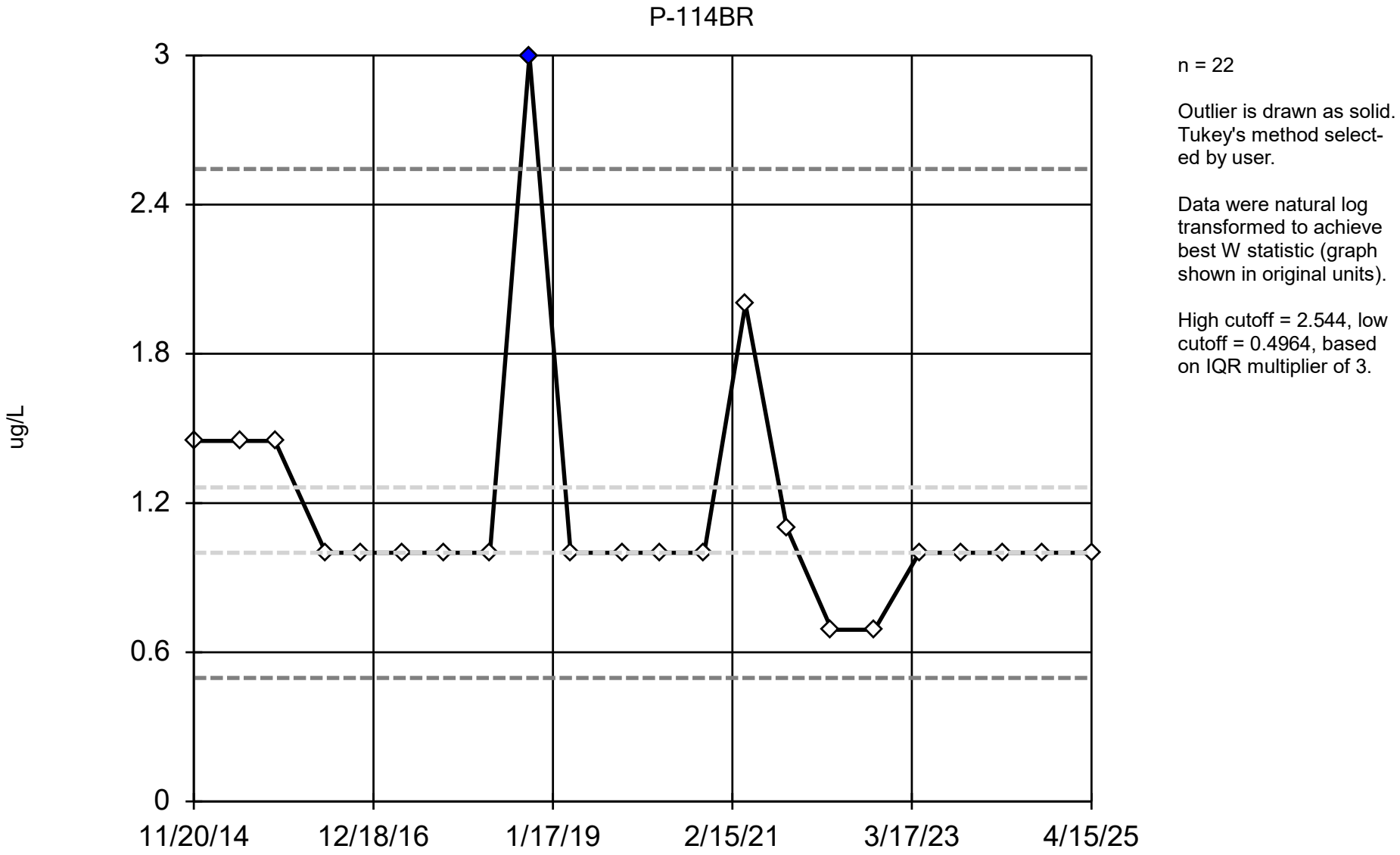
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 2.544, low cutoff = 0.4964, based on IQR multiplier of 3.

Constituent: Antimony Analysis Run 6/12/2025 10:58 AM View: All Wells - Appendix I Metals DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG

Tukey's Outlier Screening



n = 22

Outlier is drawn as solid. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 2.544, low cutoff = 0.4964, based on IQR multiplier of 3.

Constituent: Antimony Analysis Run 6/12/2025 10:58 AM View: All Wells - Appendix I Metals DMASWA Data: DMASWA Database_Updated

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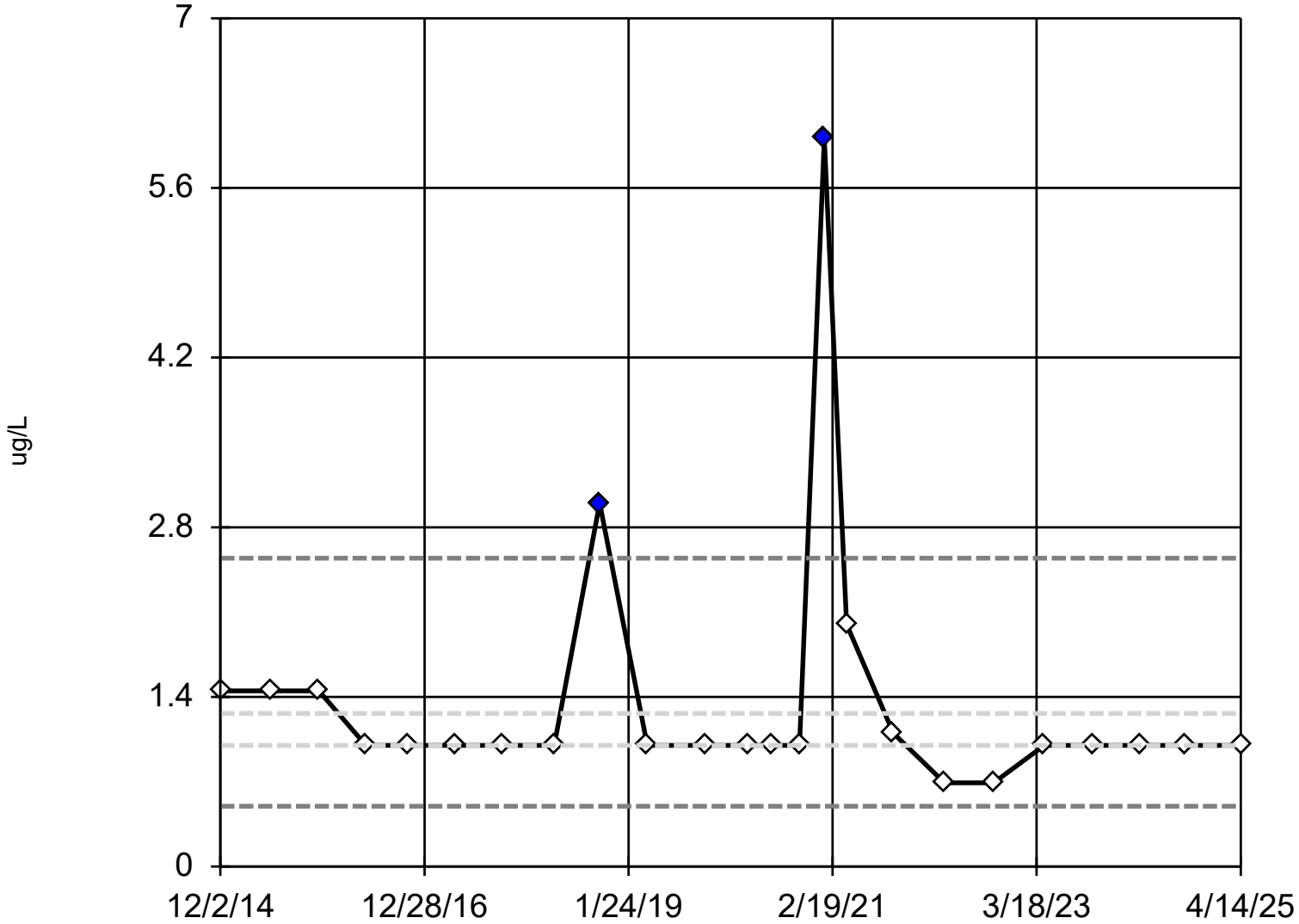
Tukey's Outlier Screening

MW-204A



n = 24

Outliers are drawn as solid.
Tukey's method selected by user.

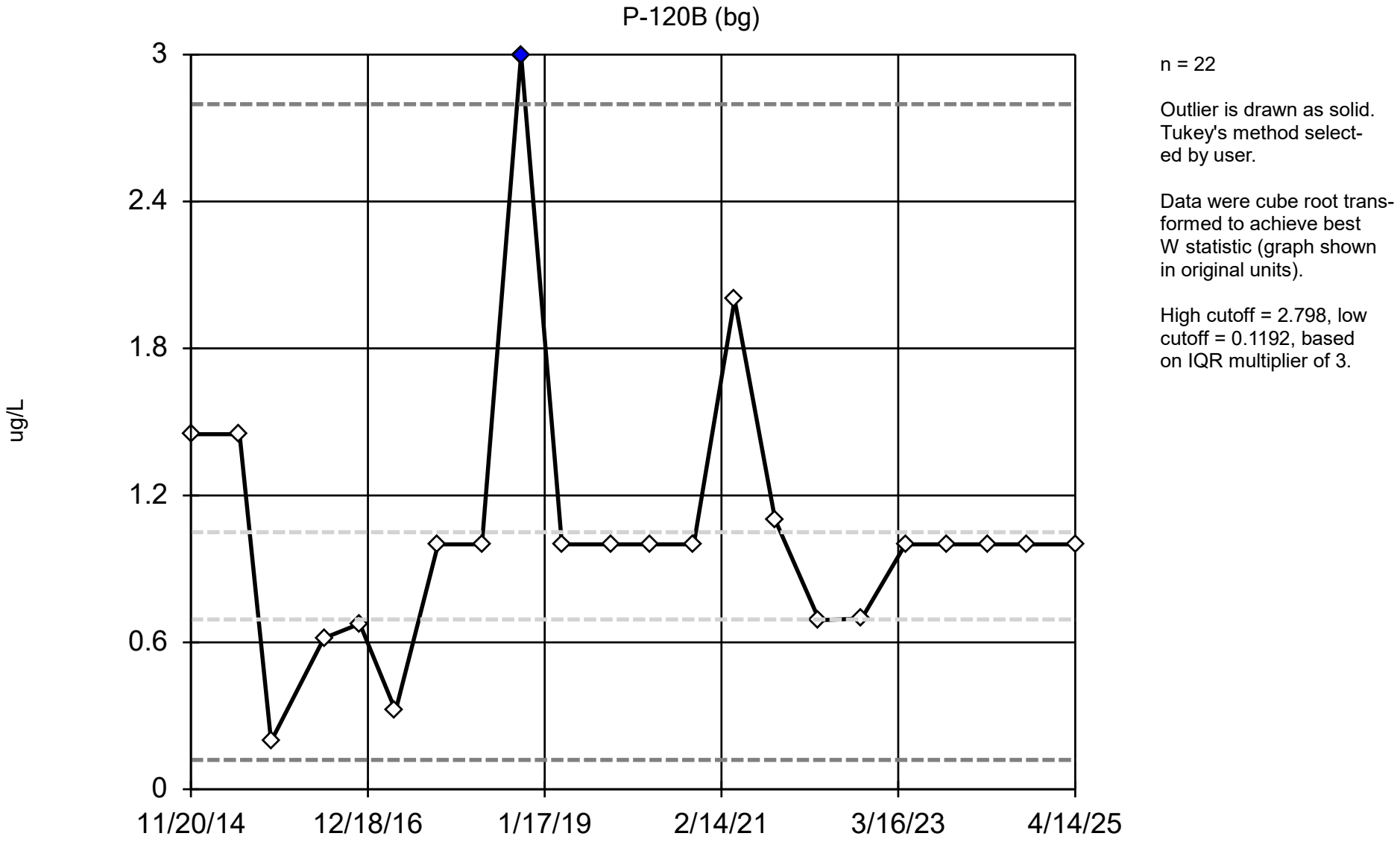
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 2.544, low cutoff = 0.4964, based on IQR multiplier of 3.

Constituent: Antimony Analysis Run 6/12/2025 10:58 AM View: All Wells - Appendix I Metals DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG

Tukey's Outlier Screening



n = 22

Outlier is drawn as solid. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 2.798, low cutoff = 0.1192, based on IQR multiplier of 3.

Constituent: Antimony Analysis Run 6/12/2025 10:58 AM View: All Wells - Appendix I Metals DMASWA Data: DMASWA Database_Updated

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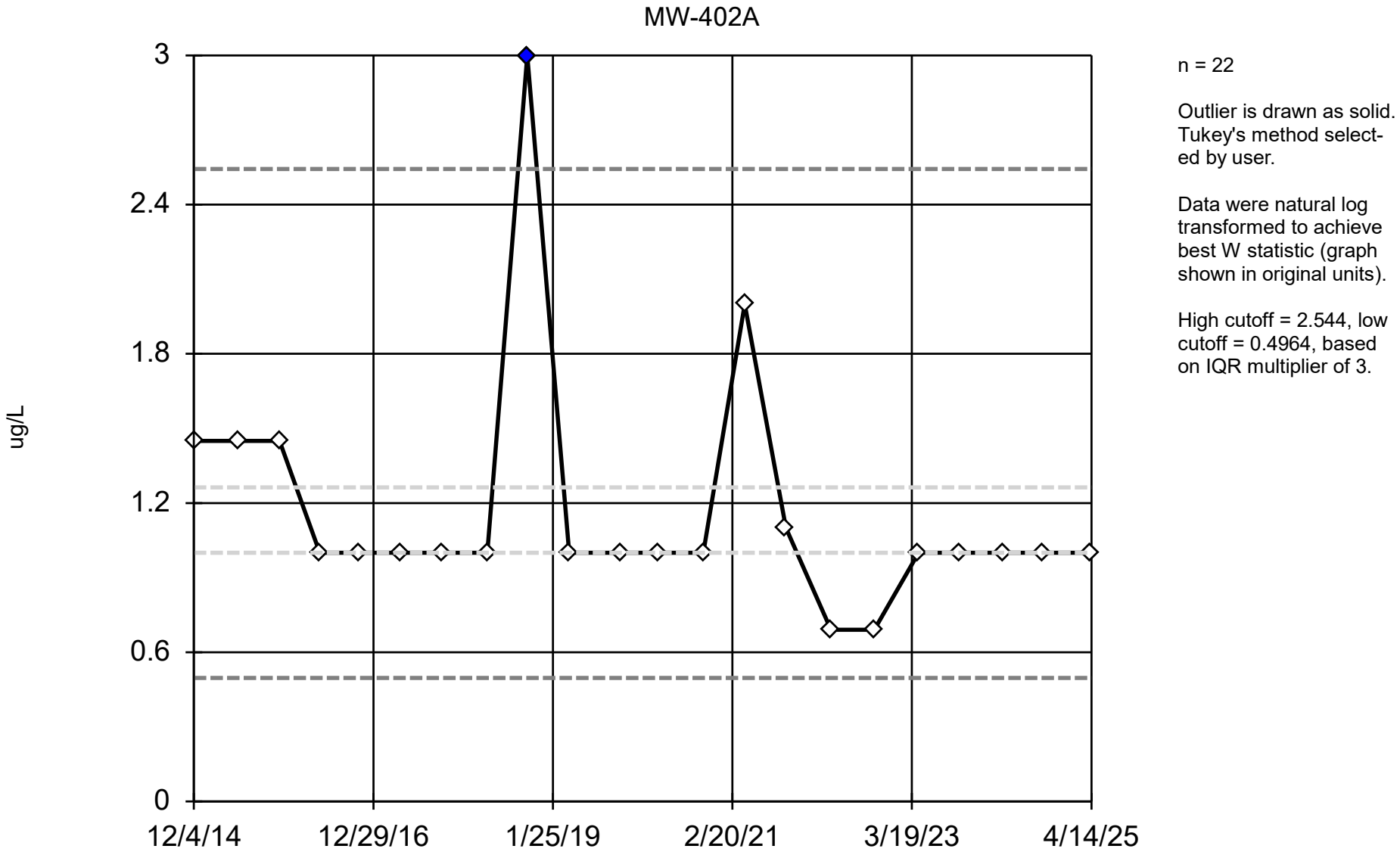
Tukey's Outlier Screening



n = 22

Outlier is drawn as solid. Tukey's method selected by user.

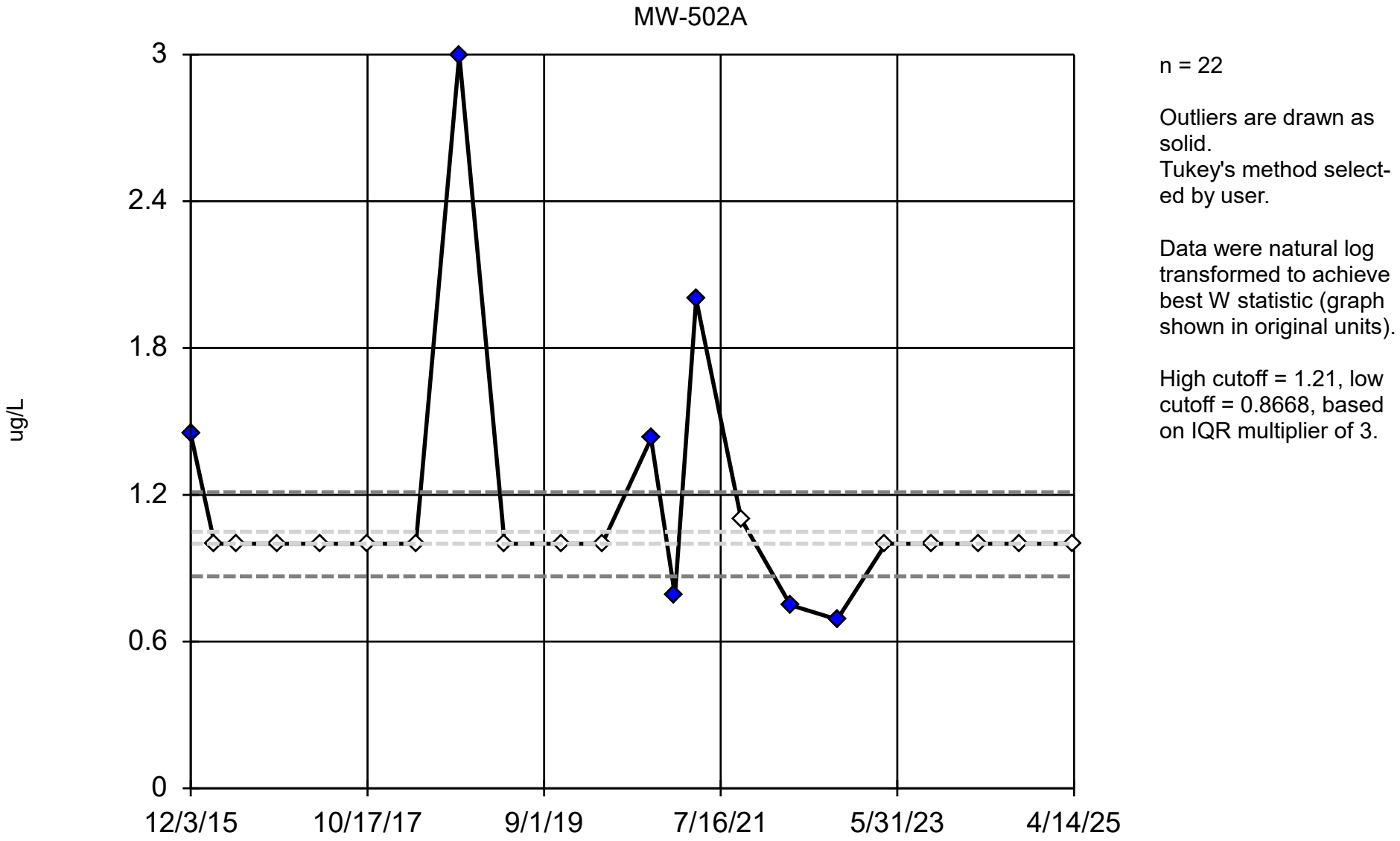
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 2.544, low cutoff = 0.4964, based on IQR multiplier of 3.

Constituent: Antimony Analysis Run 6/12/2025 10:58 AM View: All Wells - Appendix I Metals DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG

Tukey's Outlier Screening



n = 22

Outliers are drawn as solid.
Tukey's method selected by user.

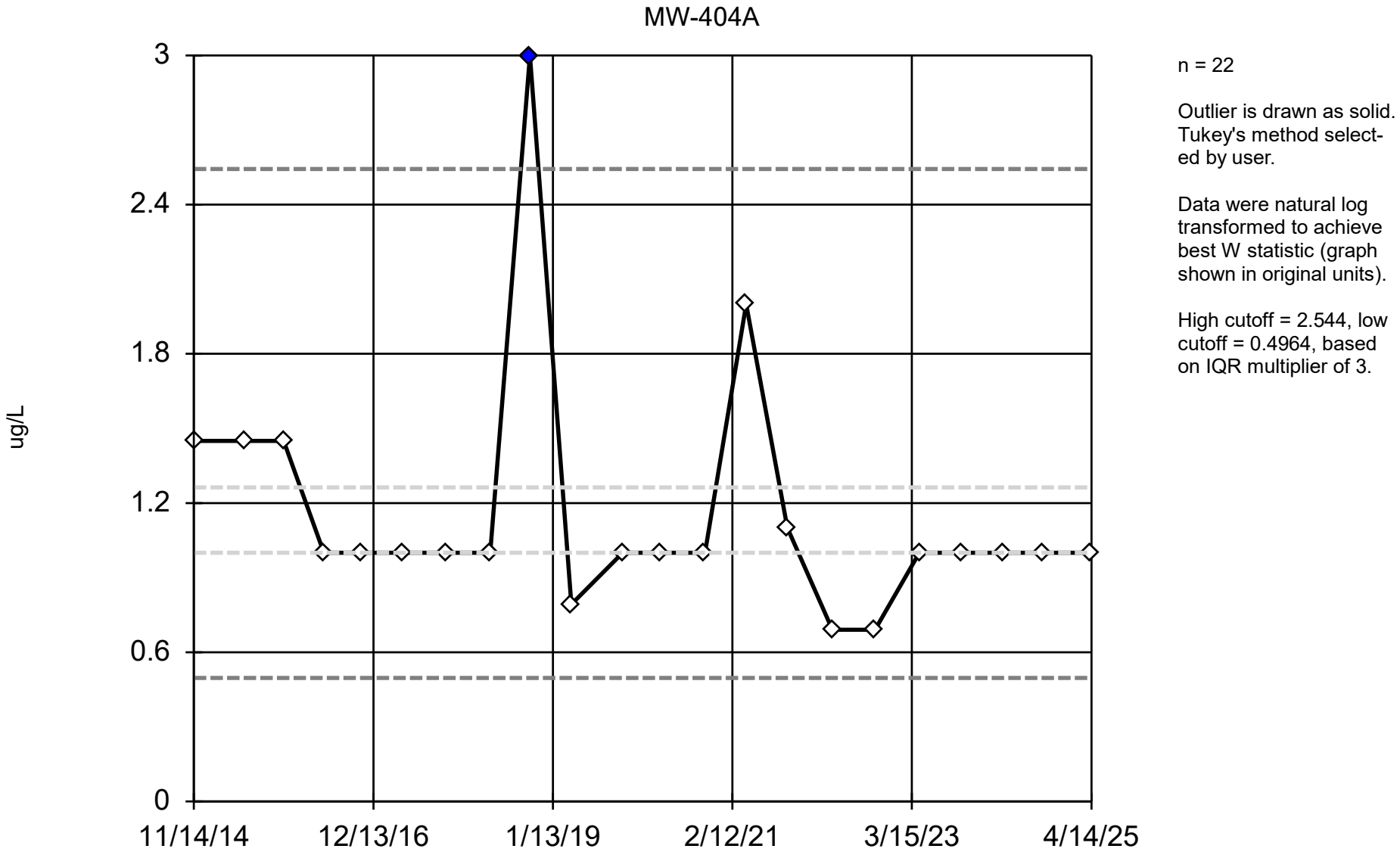
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 1.21, low cutoff = 0.8668, based on IQR multiplier of 3.

Constituent: Antimony Analysis Run 6/12/2025 10:58 AM View: All Wells - Appendix I Metals DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG

Tukey's Outlier Screening



n = 22

Outlier is drawn as solid. Tukey's method selected by user.

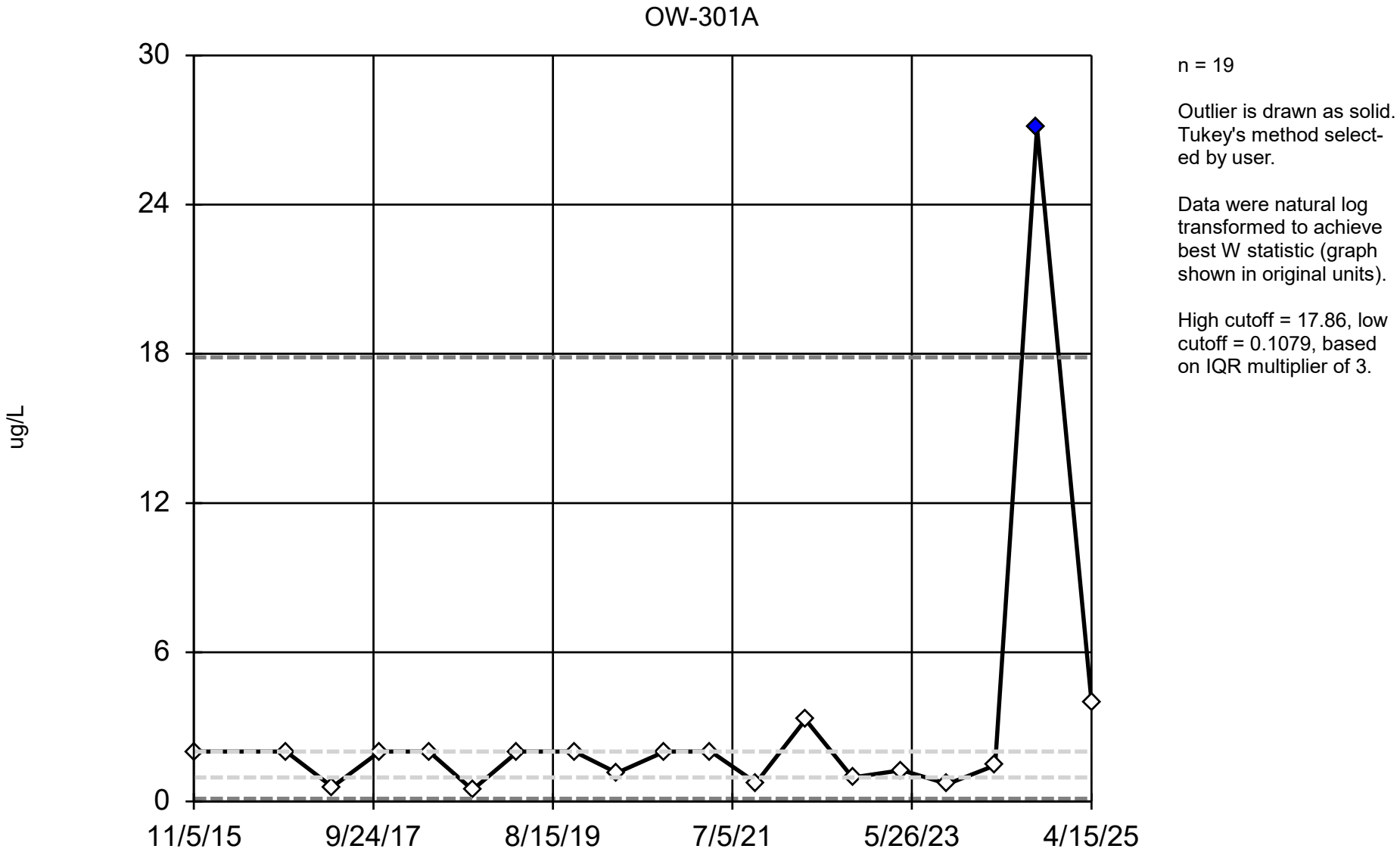
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 2.544, low cutoff = 0.4964, based on IQR multiplier of 3.

Constituent: Antimony Analysis Run 6/12/2025 10:58 AM View: All Wells - Appendix I Metals DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG

Tukey's Outlier Screening



n = 19

Outlier is drawn as solid. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

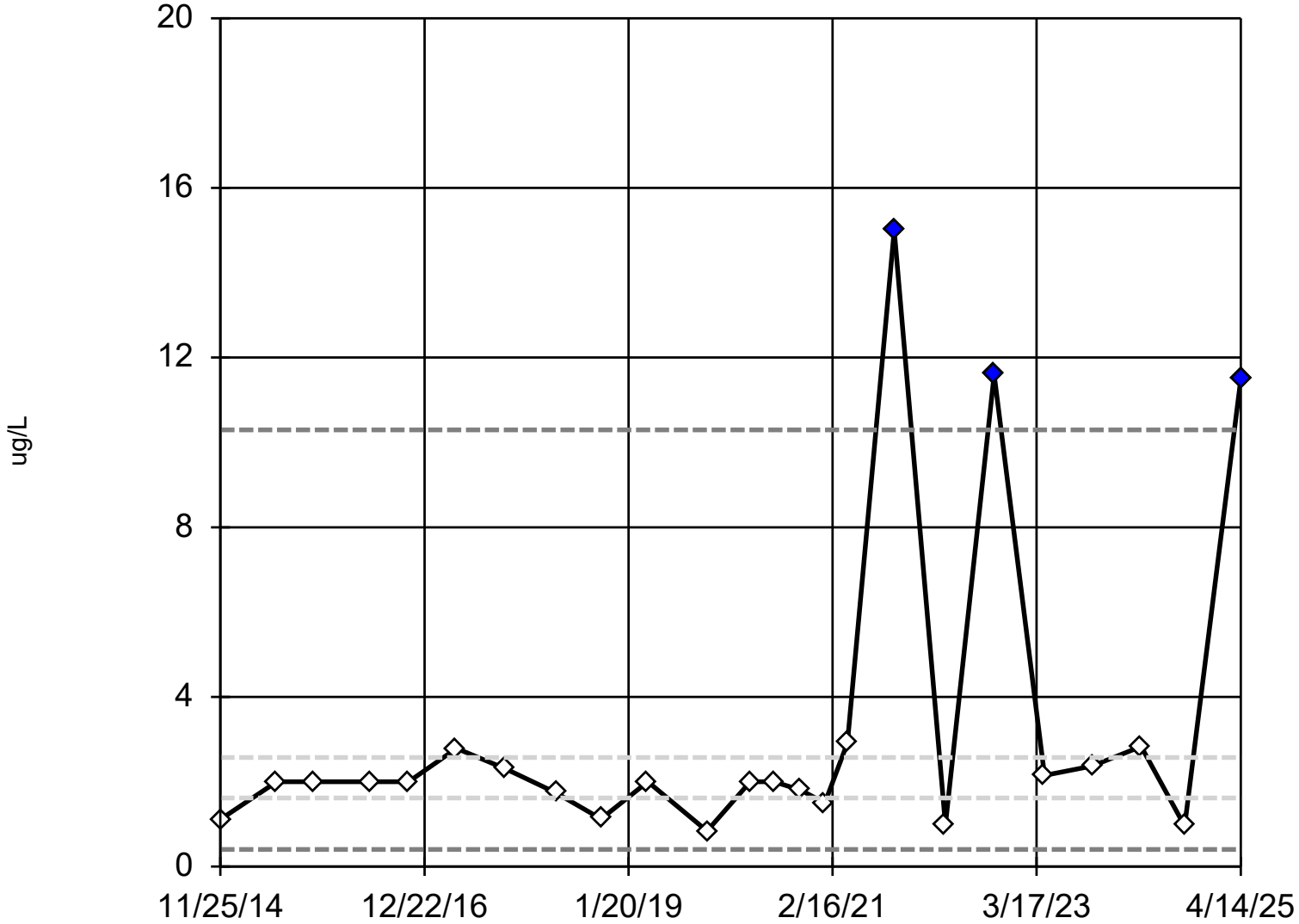
High cutoff = 17.86, low cutoff = 0.1079, based on IQR multiplier of 3.

Constituent: Arsenic Analysis Run 6/12/2025 10:58 AM View: All Wells - Appendix I Metals DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG

Tukey's Outlier Screening

MW-202A



n = 24

Outliers are drawn as solid.
Tukey's method selected by user.

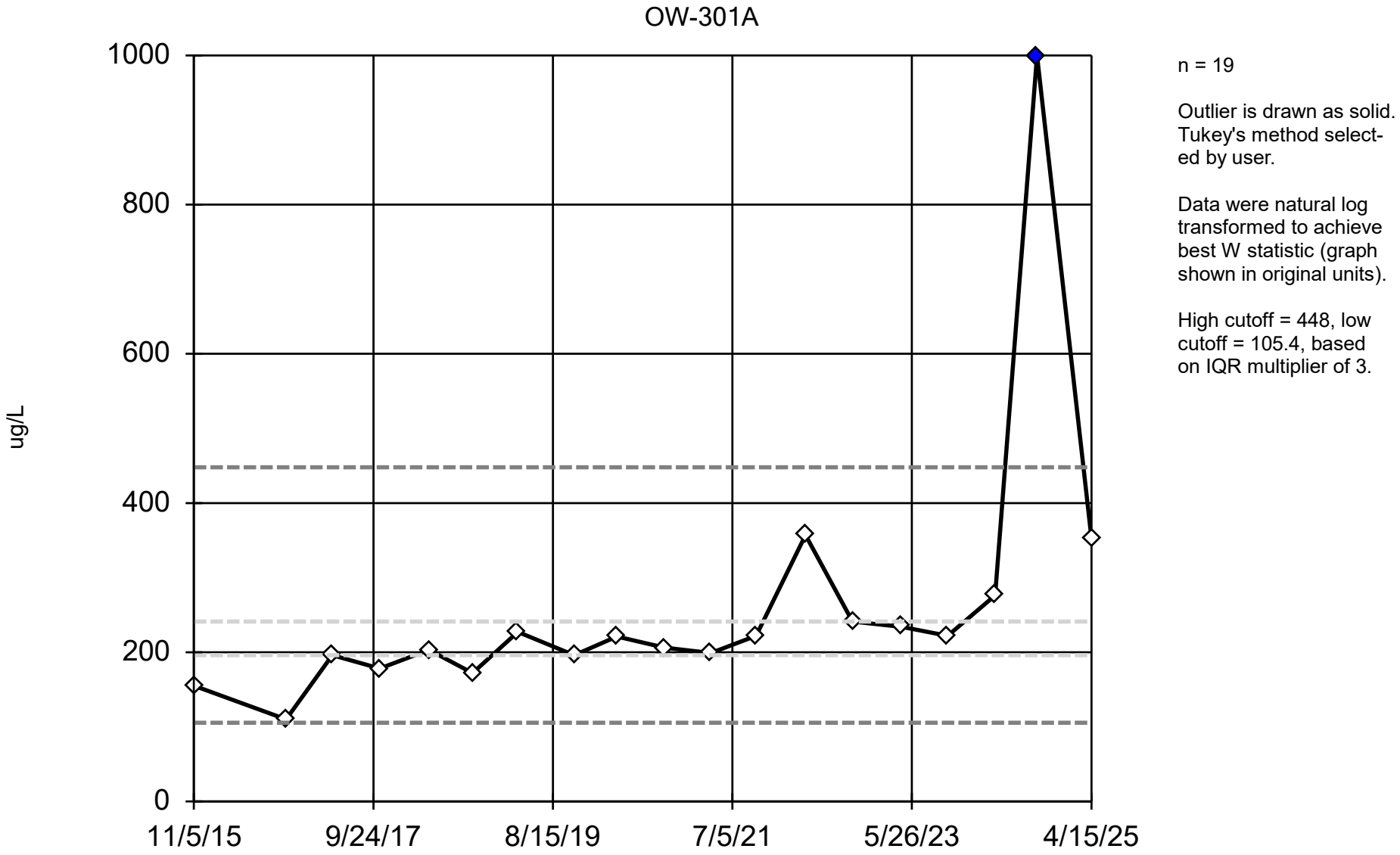
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 10.29, low cutoff = 0.4028, based on IQR multiplier of 3.

Constituent: Arsenic Analysis Run 6/12/2025 10:58 AM View: All Wells - Appendix I Metals DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG

Tukey's Outlier Screening



n = 19

Outlier is drawn as solid. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 448, low cutoff = 105.4, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 6/12/2025 10:59 AM View: All Wells - Appendix I Metals DMASWA Data: DMASWA Database_Updated

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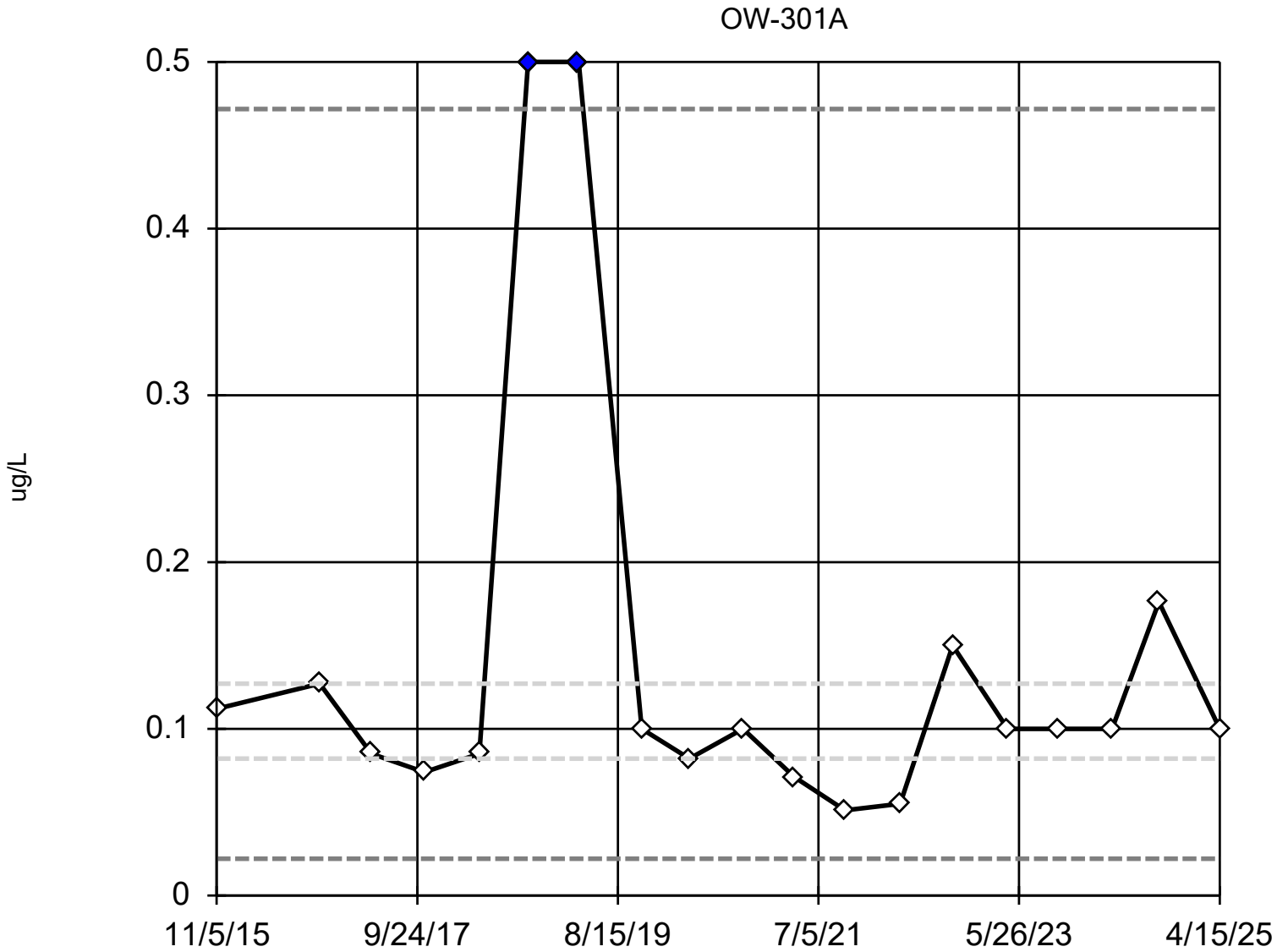
Tukey's Outlier Screening



n = 19

Outliers are drawn as solid.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.4718, low cutoff = 0.02207, based on IQR multiplier of 3.

Constituent: Cadmium Analysis Run 6/12/2025 10:59 AM View: All Wells - Appendix I Metals DMASWA Data: DMASWA Database_Updated

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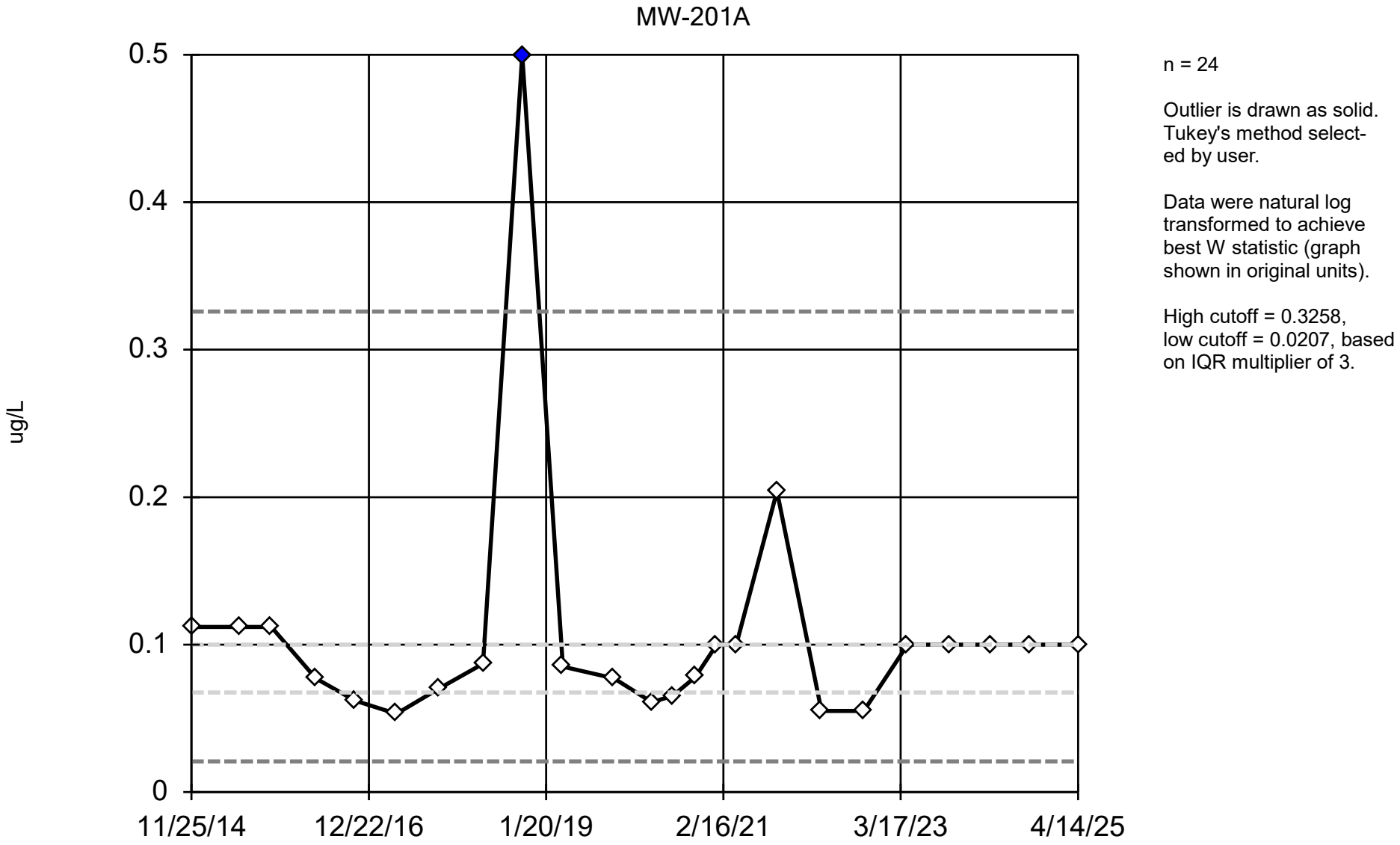
Tukey's Outlier Screening



n = 24

Outlier is drawn as solid. Tukey's method select-ed by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.3258, low cutoff = 0.0207, based on IQR multiplier of 3.

Constituent: Cadmium Analysis Run 6/12/2025 10:59 AM View: All Wells - Appendix I Metals DMASWA Data: DMASWA Database_Updated

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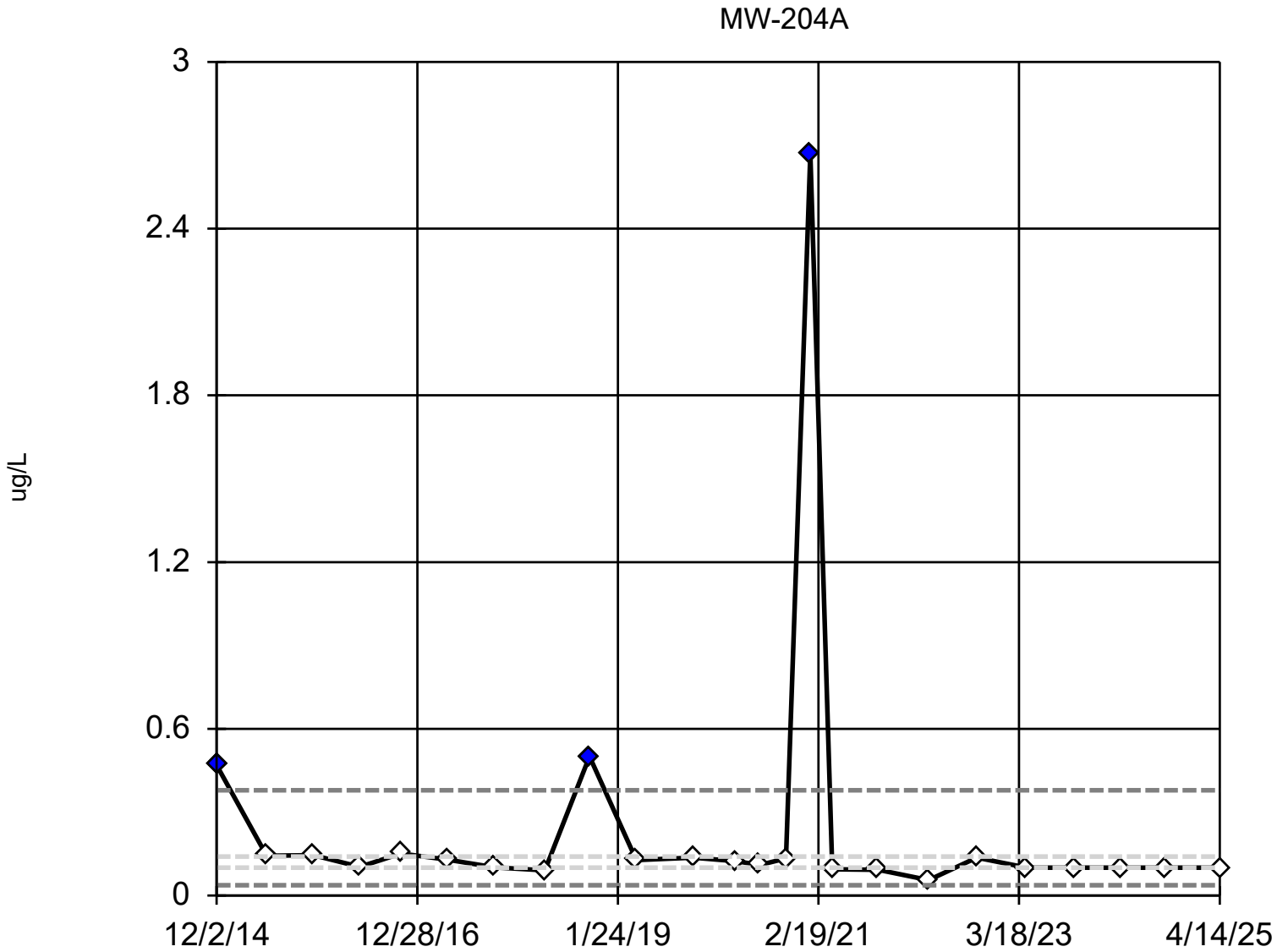
Tukey's Outlier Screening



n = 24

Outliers are drawn as solid.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.3782, low cutoff = 0.03687, based on IQR multiplier of 3.

Constituent: Cadmium Analysis Run 6/12/2025 10:59 AM View: All Wells - Appendix I Metals DMASWA Data: DMASWA Database_Updated

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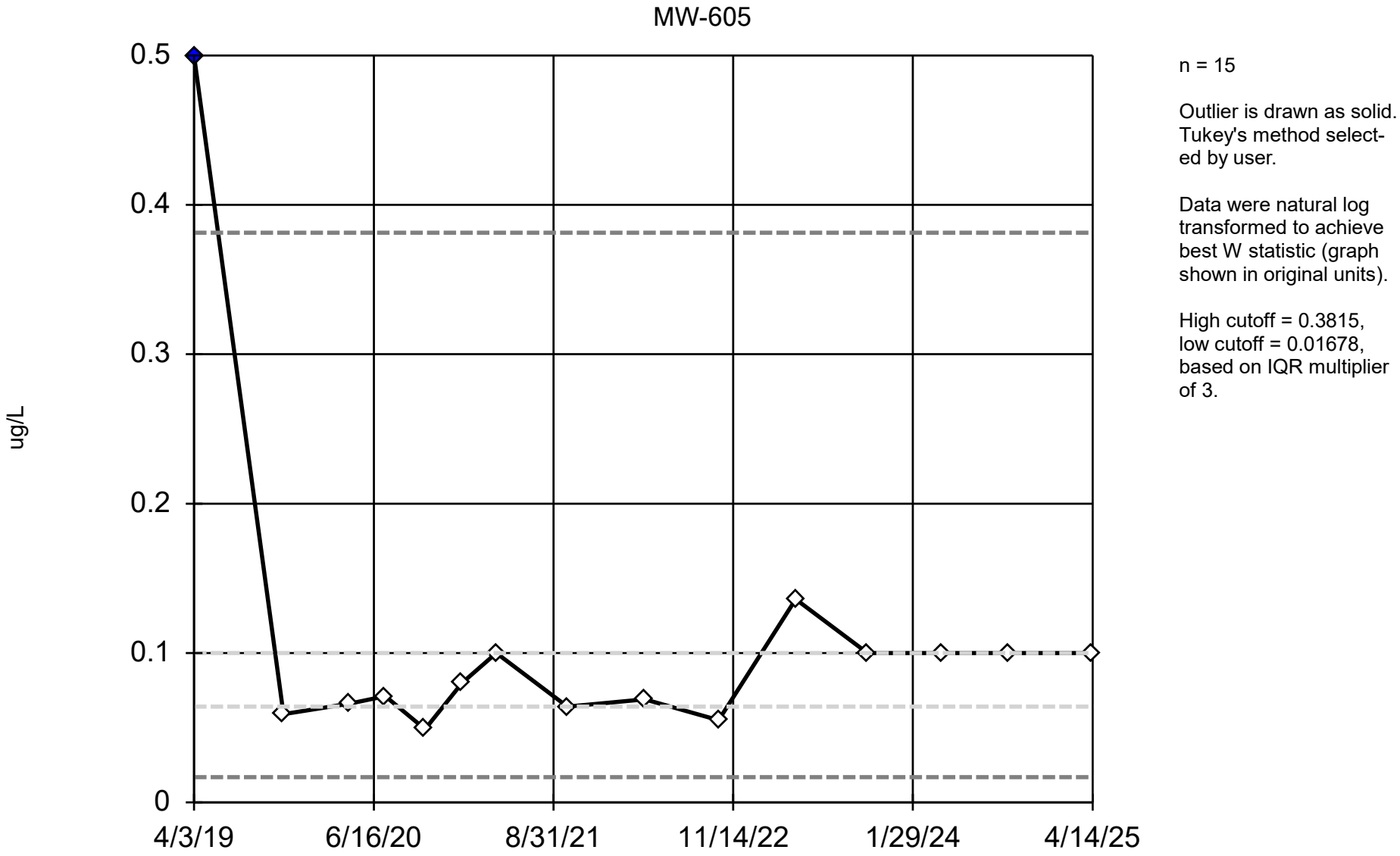
Tukey's Outlier Screening



n = 15

Outlier is drawn as solid. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.3815, low cutoff = 0.01678, based on IQR multiplier of 3.

Constituent: Cadmium Analysis Run 6/12/2025 11:00 AM View: All Wells - Appendix I Metals DMASWA Data: DMASWA Database_Updated

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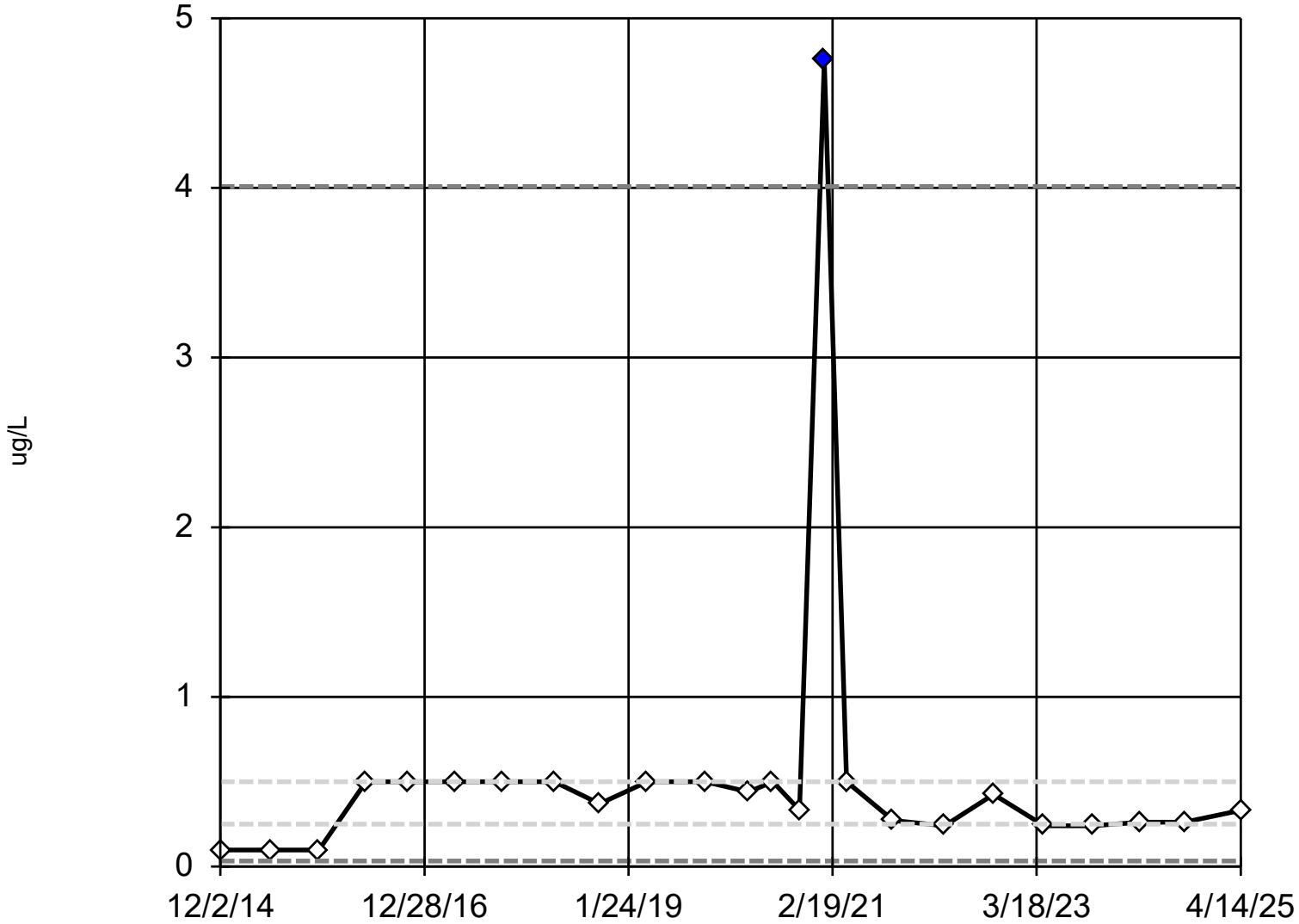
Tukey's Outlier Screening

MW-204A



n = 24

Outlier is drawn as solid. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 4.01, low cutoff = 0.03115, based on IQR multiplier of 3.

Constituent: Lead Analysis Run 6/12/2025 11:01 AM View: All Wells - Appendix I Metals DMASWA Data: DMASWA Database_Updated

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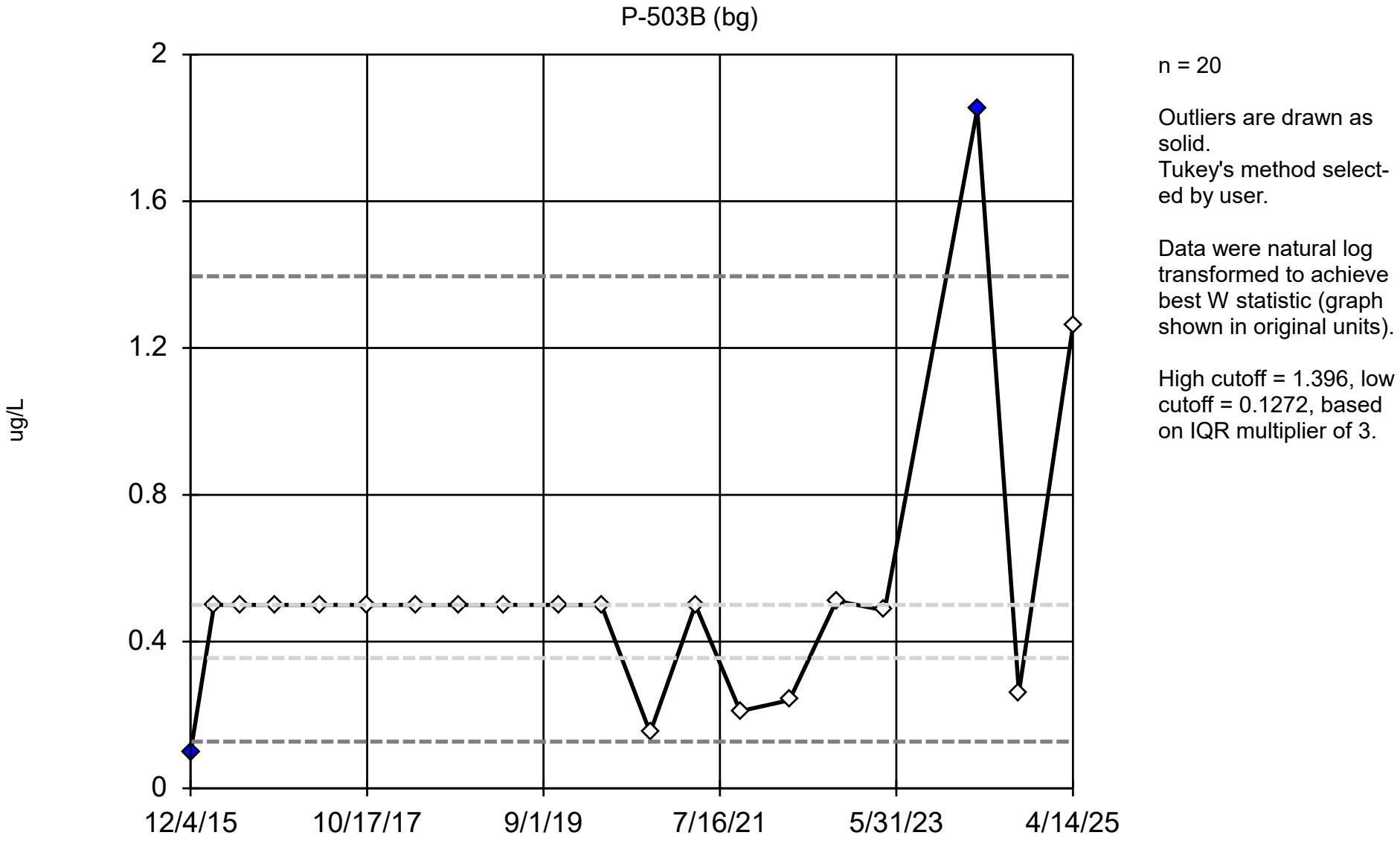
Tukey's Outlier Screening



n = 20

Outliers are drawn as solid.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 1.396, low cutoff = 0.1272, based on IQR multiplier of 3.

Constituent: Lead Analysis Run 6/12/2025 11:01 AM View: All Wells - Appendix I Metals DMASWA Data: DMASWA Database_Updated

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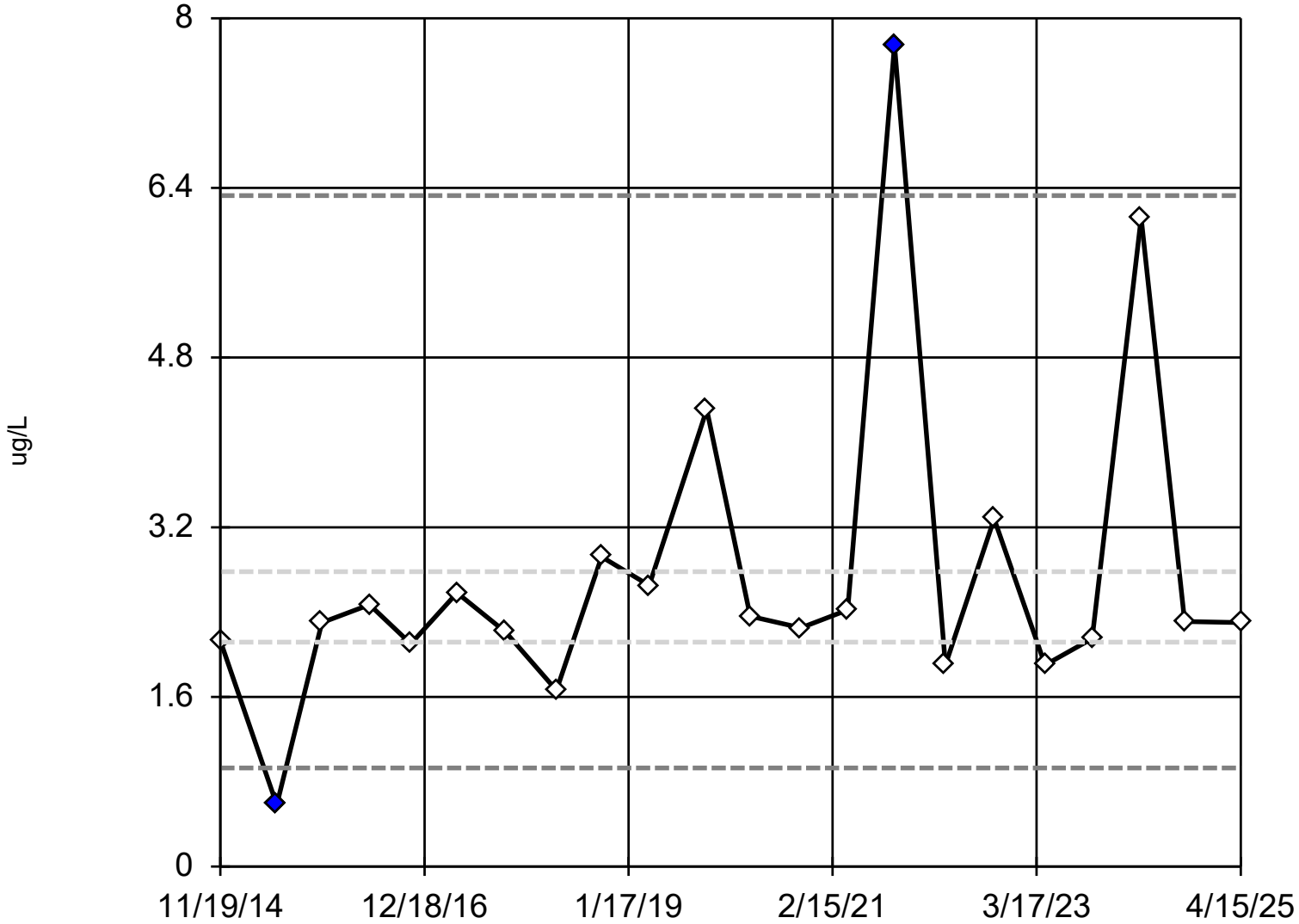
Tukey's Outlier Screening

MW-109ARR



n = 22

Outliers are drawn as solid.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 6.329, low cutoff = 0.9295, based on IQR multiplier of 3.

Constituent: Nickel Analysis Run 6/12/2025 11:01 AM View: All Wells - Appendix I Metals
DMASWA Data: DMASWA Database_Updated

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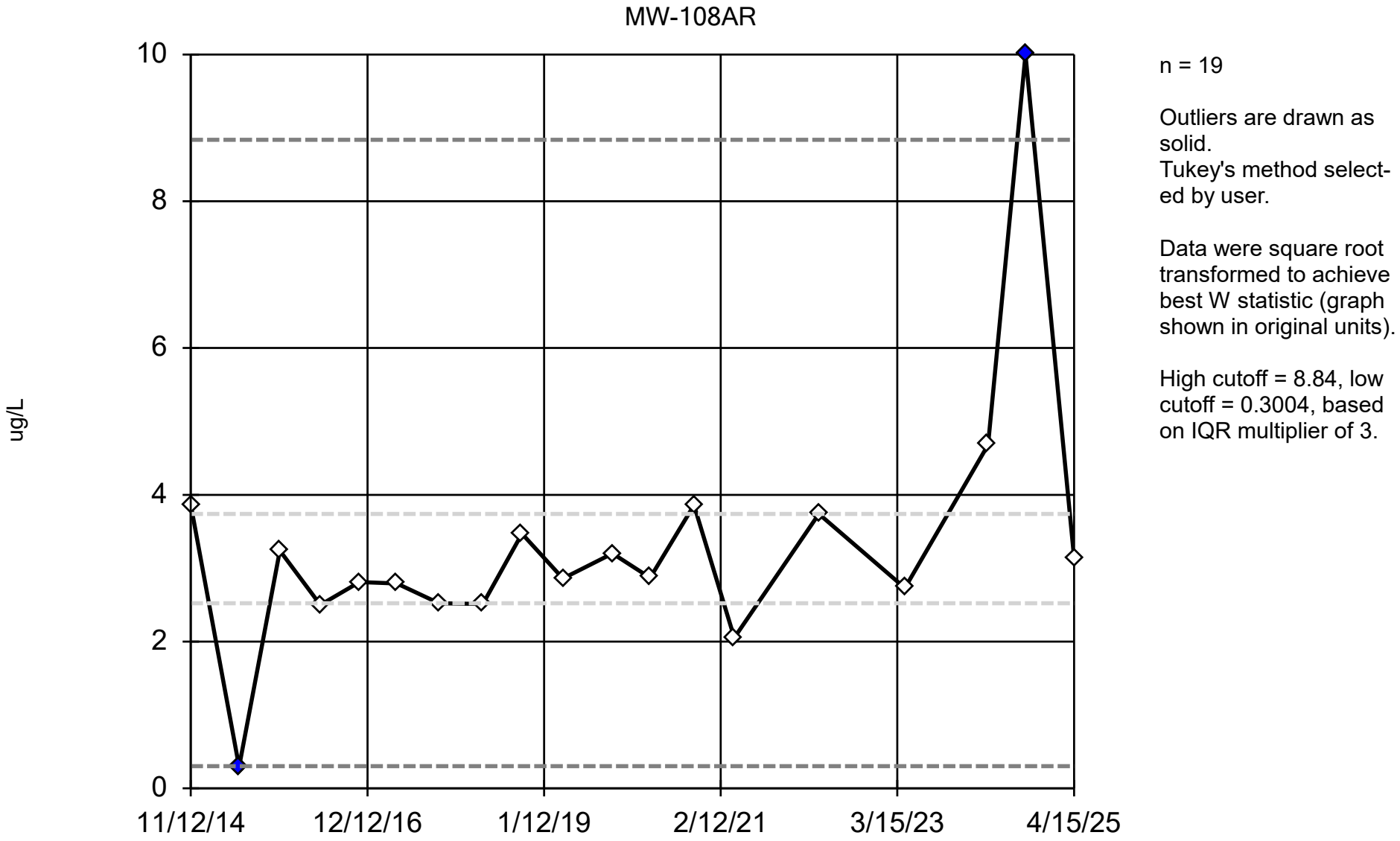
Tukey's Outlier Screening



n = 19

Outliers are drawn as solid.
Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 8.84, low cutoff = 0.3004, based on IQR multiplier of 3.

Constituent: Nickel Analysis Run 6/12/2025 11:01 AM View: All Wells - Appendix I Metals
DMASWA Data: DMASWA Database_Updated

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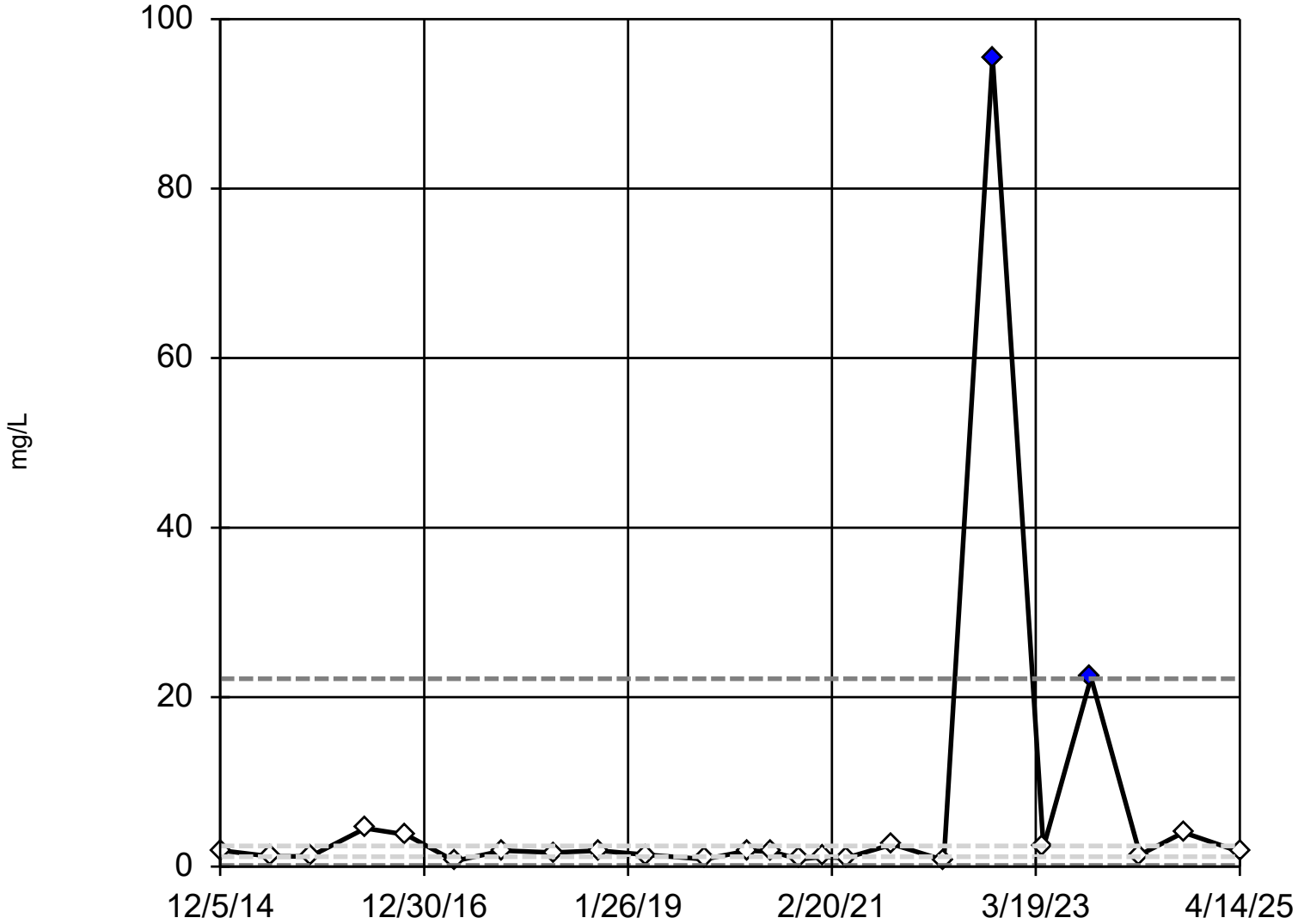
Tukey's Outlier Screening

MW-103A



n = 24

Outliers are drawn as solid.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 22.18, low cutoff = 0.1277, based on IQR multiplier of 3.

Constituent: Total Suspended Solids Analysis Run 6/12/2025 11:02 AM View: All Wells - Appendix I Metal DMASWA Data: DMASWA Database_Updated

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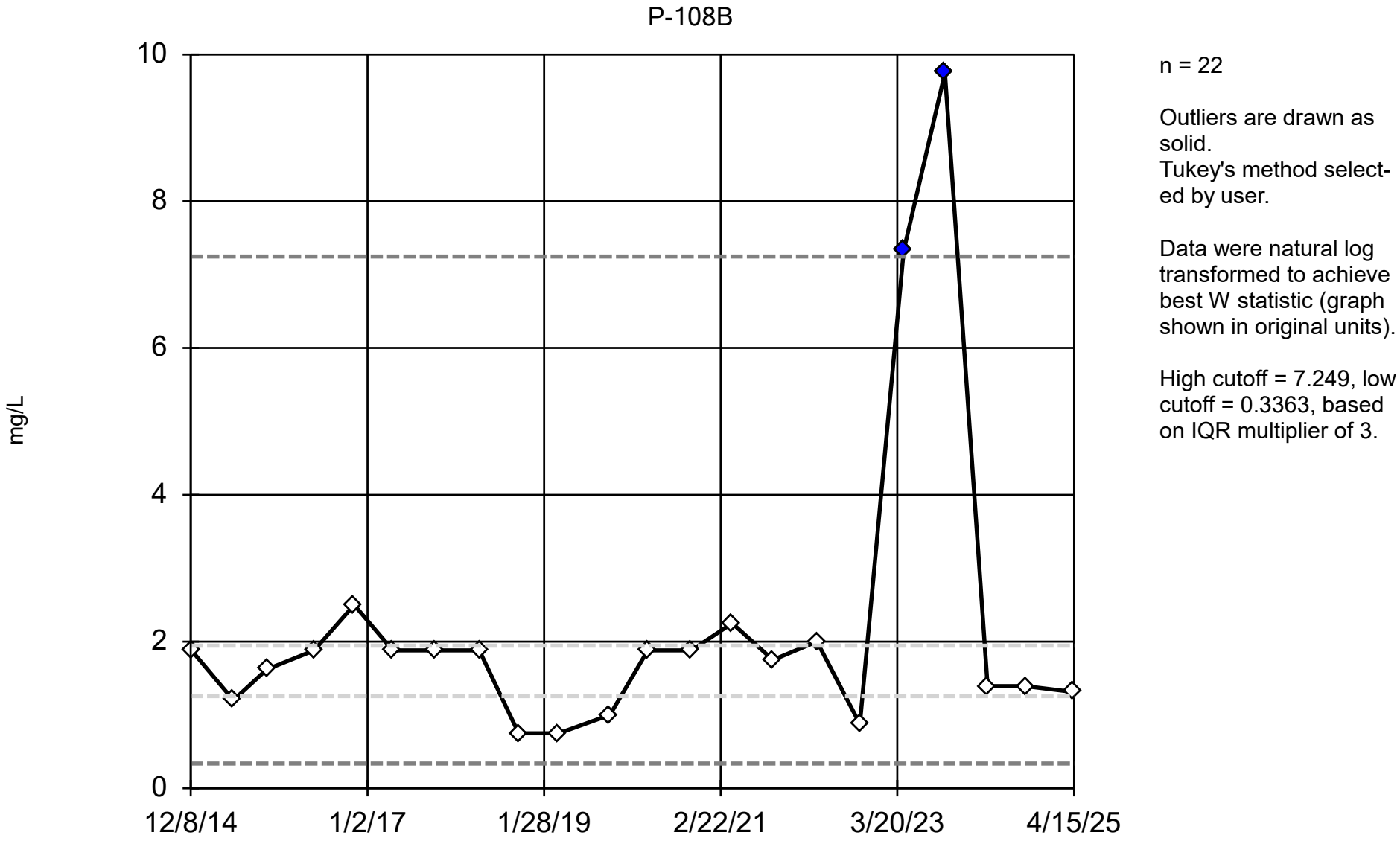
Tukey's Outlier Screening



n = 22

Outliers are drawn as solid.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 7.249, low cutoff = 0.3363, based on IQR multiplier of 3.

Constituent: Total Suspended Solids Analysis Run 6/12/2025 11:02 AM View: All Wells - Appendix I Metal DMASWA Data: DMASWA Database_Updated

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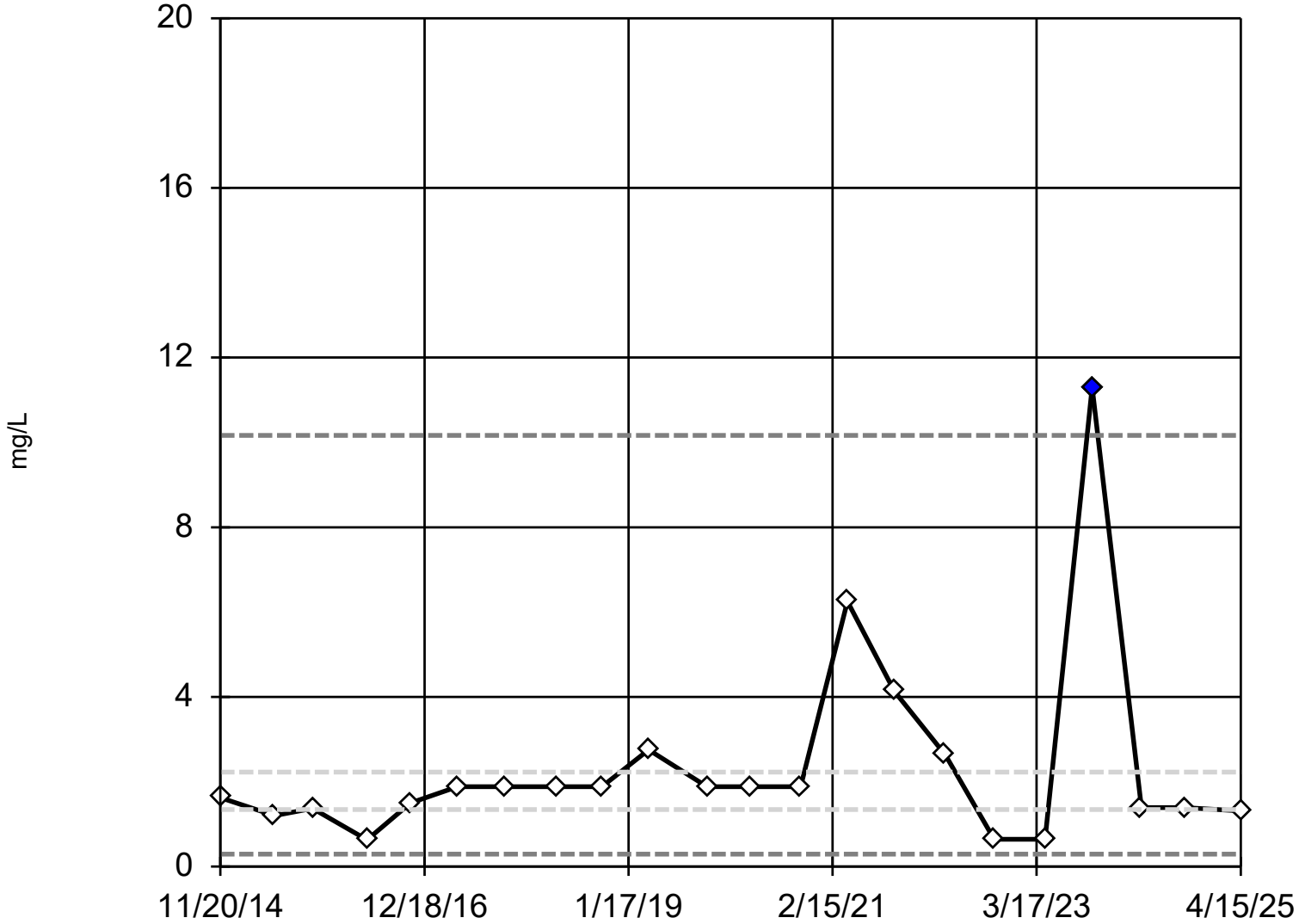
Tukey's Outlier Screening

P-114BR



n = 22

Outlier is drawn as solid. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 10.17, low cutoff = 0.293, based on IQR multiplier of 3.

Constituent: Total Suspended Solids Analysis Run 6/12/2025 11:03 AM View: All Wells - Appendix I Metal DMASWA Data: DMASWA Database_Updated

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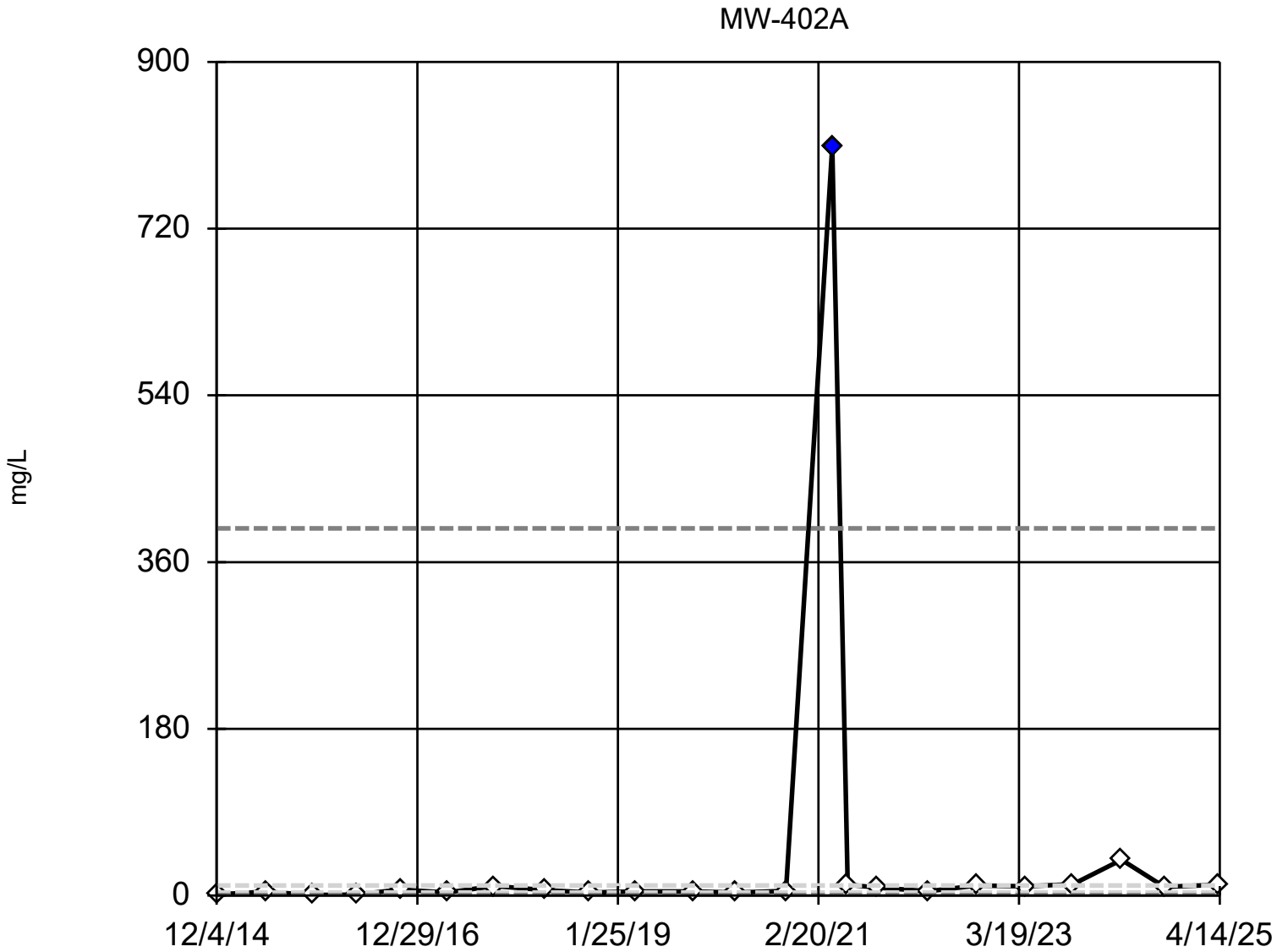
Tukey's Outlier Screening



n = 23

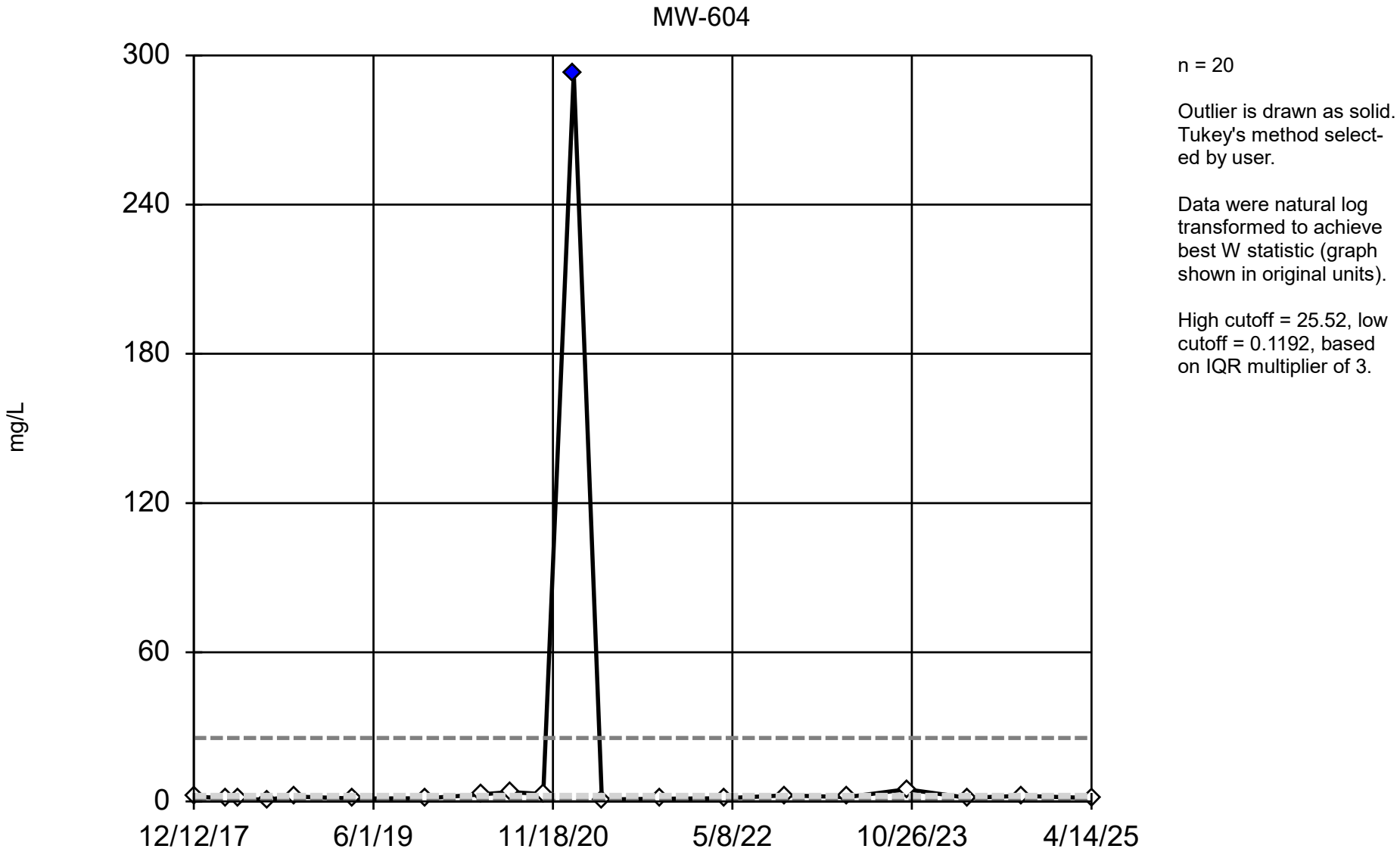
Outlier is drawn as solid. Tukey's method select-ed by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 396.3, low cutoff = 0.08857, based on IQR multiplier of 3.

Constituent: Total Suspended Solids Analysis Run 6/12/2025 11:03 AM View: All Wells - Appendix I Metal DMASWA Data: DMASWA Database_Updated

Tukey's Outlier Screening



n = 20

Outlier is drawn as solid. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 25.52, low cutoff = 0.1192, based on IQR multiplier of 3.

Constituent: Total Suspended Solids Analysis Run 6/12/2025 11:03 AM View: All Wells - Appendix I Metal DMASWA Data: DMASWA Database_Updated

Outlier Analysis

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 11:28 AM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Antimony (ug/L)	**MW-102A**	**Yes**	**1.45,1.45,0.237,3...**	**11/24/2014,6/16/2015,11/3/2015,...**	**NP**	**NaN**	**22**	**1.119**	**0.5291**	**x^(1/3)**	**ShapiroWilk**
Antimony (ug/L)	OW-301A	n/a	n/a	n/a	NP	NaN	19	1.02	0.6083	unknown	ShapiroWilk
Antimony (ug/L)	**MW-201A**	**Yes**	**3,4.4**	**10/10/2018,10/4/2021**	**NP**	**NaN**	**24**	**1.297**	**0.814**	**ln(x)**	**ShapiroWilk**
Antimony (ug/L)	**MW-103A**	**Yes**	**1.45,1.45,1.45,3,...**	**12/5/2014,6/9/2015,11/5/2015,10...**	**NP**	**NaN**	**24**	**1.16**	**0.4754**	**ln(x)**	**ShapiroWilk**
Antimony (ug/L)	**MW-114AR**	**Yes**	**3**	**10/11/2018**	**NP**	**NaN**	**22**	**1.174**	**0.4949**	**ln(x)**	**ShapiroWilk**
Antimony (ug/L)	**MW-120AR (bg)**	**Yes**	**1.45,1.45,1.45,3,...**	**12/3/2014,6/17/2015,10/29/2015,...**	**NP**	**NaN**	**24**	**1.16**	**0.4748**	**ln(x)**	**ShapiroWilk**
Antimony (ug/L)	**P-105B**	**Yes**	**2.77,3**	**11/4/2015,10/9/2018**	**NP**	**NaN**	**22**	**1.234**	**0.599**	**ln(x)**	**ShapiroWilk**
Antimony (ug/L)	MW-504A (bg)	No	n/a	n/a	NP	NaN	6	1.132	0.4477	ln(x)	ShapiroWilk
Antimony (ug/L)	**P-108B**	**Yes**	**3**	**10/11/2018**	**NP**	**NaN**	**22**	**1.174**	**0.4949**	**ln(x)**	**ShapiroWilk**
Antimony (ug/L)	**MW-403A**	**Yes**	**3**	**10/8/2018**	**NP**	**NaN**	**22**	**1.174**	**0.4949**	**ln(x)**	**ShapiroWilk**
Antimony (ug/L)	**P-114BR**	**Yes**	**3**	**10/10/2018**	**NP**	**NaN**	**22**	**1.174**	**0.4949**	**ln(x)**	**ShapiroWilk**
Antimony (ug/L)	**MW-204A**	**Yes**	**3,6.01**	**10/9/2018,1/20/2021**	**NP**	**NaN**	**24**	**1.368**	**1.097**	**ln(x)**	**ShapiroWilk**
Antimony (ug/L)	**P-120B (bg)**	**Yes**	**3**	**10/8/2018**	**NP**	**NaN**	**22**	**1.054**	**0.5732**	**x^(1/3)**	**ShapiroWilk**
Antimony (ug/L)	MW-137A	n/a	n/a	n/a	NP	NaN	23	1.171	0.4837	unknown	ShapiroWilk
Antimony (ug/L)	MW-202A	n/a	n/a	n/a	NP	NaN	24	1.237	0.8439	unknown	ShapiroWilk
Antimony (ug/L)	MW-401A	n/a	n/a	n/a	NP	NaN	23	1.167	0.4849	unknown	ShapiroWilk
Antimony (ug/L)	**MW-402A**	**Yes**	**3**	**10/10/2018**	**NP**	**NaN**	**22**	**1.174**	**0.4949**	**ln(x)**	**ShapiroWilk**
Antimony (ug/L)	OW-306AR	n/a	n/a	n/a	NP	NaN	15	1.165	0.5851	unknown	ShapiroWilk
Antimony (ug/L)	MW-109ARR	n/a	n/a	n/a	NP	NaN	22	1.207	0.5065	unknown	ShapiroWilk
Antimony (ug/L)	**MW-502A**	**Yes**	**1.45,3,1.43,0.788...**	**12/3/2015,10/8/2018,10/19/2020,...**	**NP**	**NaN**	**22**	**1.146**	**0.4944**	**ln(x)**	**ShapiroWilk**
Antimony (ug/L)	**MW-404A**	**Yes**	**3**	**10/8/2018**	**NP**	**NaN**	**22**	**1.165**	**0.5003**	**ln(x)**	**ShapiroWilk**
Antimony (ug/L)	P-504B (bg)	n/a	n/a	n/a	NP	NaN	15	0.9421	0.3851	unknown	ShapiroWilk
Antimony (ug/L)	P-503B (bg)	n/a	n/a	n/a	NP	NaN	20	1.123	0.5295	unknown	ShapiroWilk
Antimony (ug/L)	MW-108AR	n/a	n/a	n/a	NP	NaN	19	1.213	0.5188	unknown	ShapiroWilk
Antimony (ug/L)	MW-505A (bg)	n/a	n/a	n/a	NP	NaN	18	1.015	0.3283	unknown	ShapiroWilk
Antimony (ug/L)	MW-501A	n/a	n/a	n/a	NP	NaN	21	1.099	0.5074	unknown	ShapiroWilk
Antimony (ug/L)	MW-605	n/a	n/a	n/a	NP	NaN	15	1.032	0.2912	unknown	ShapiroWilk
Antimony (ug/L)	MW-604	n/a	n/a	n/a	NP	NaN	15	1.039	0.2831	unknown	ShapiroWilk
Arsenic (ug/L)	MW-102A	No	n/a	n/a	NP	NaN	22	9.723	4.559	normal	ShapiroWilk
Arsenic (ug/L)	**OW-301A**	**Yes**	**27.1**	**9/18/2024**	**NP**	**NaN**	**19**	**3.036**	**5.895**	**ln(x)**	**ShapiroWilk**
Arsenic (ug/L)	MW-201A	No	n/a	n/a	NP	NaN	24	1.687	0.5944	normal	ShapiroWilk
Arsenic (ug/L)	MW-103A	No	n/a	n/a	NP	NaN	24	1.486	0.6821	ln(x)	ShapiroWilk
Arsenic (ug/L)	MW-114AR	No	n/a	n/a	NP	NaN	22	1.436	0.6733	ln(x)	ShapiroWilk
Arsenic (ug/L)	MW-120AR (bg)	No	n/a	n/a	NP	NaN	24	1.734	1.528	ln(x)	ShapiroWilk
Arsenic (ug/L)	P-105B	No	n/a	n/a	NP	NaN	22	1.251	0.465	ln(x)	ShapiroWilk
Arsenic (ug/L)	MW-504A (bg)	No	n/a	n/a	NP	NaN	6	1.732	0.8189	x^2	ShapiroWilk
Arsenic (ug/L)	P-108B	n/a	n/a	n/a	NP	NaN	22	1.419	0.7206	unknown	ShapiroWilk
Arsenic (ug/L)	MW-403A	n/a	n/a	n/a	NP	NaN	22	1.429	0.7185	unknown	ShapiroWilk
Arsenic (ug/L)	P-114BR	No	n/a	n/a	NP	NaN	22	1.389	0.6742	ln(x)	ShapiroWilk
Arsenic (ug/L)	MW-204A	n/a	n/a	n/a	NP	NaN	24	1.688	1.107	unknown	ShapiroWilk
Arsenic (ug/L)	P-120B (bg)	No	n/a	n/a	NP	NaN	22	1.452	0.6817	ln(x)	ShapiroWilk
Arsenic (ug/L)	MW-137A	No	n/a	n/a	NP	NaN	23	1.859	1.098	sqrt(x)	ShapiroWilk
Arsenic (ug/L)	**MW-202A**	**Yes**	**15,11.6,11.5**	**10/4/2021,10/10/2022,4/14/2025**	**NP**	**NaN**	**24**	**3.228**	**3.748**	**ln(x)**	**ShapiroWilk**
Arsenic (ug/L)	MW-401A	No	n/a	n/a	NP	NaN	23	1.4	1.016	ln(x)	ShapiroWilk
Arsenic (ug/L)	MW-402A	No	n/a	n/a	NP	NaN	22	1.863	0.7833	normal	ShapiroWilk
Arsenic (ug/L)	OW-306AR	No	n/a	n/a	NP	NaN	15	2.337	2.258	ln(x)	ShapiroWilk
Arsenic (ug/L)	MW-109ARR	No	n/a	n/a	NP	NaN	22	4.945	3.032	sqrt(x)	ShapiroWilk
Arsenic (ug/L)	MW-502A	No	n/a	n/a	NP	NaN	21	1.397	0.7183	ln(x)	ShapiroWilk
Arsenic (ug/L)	MW-404A	n/a	n/a	n/a	NP	NaN	22	1.383	0.6968	unknown	ShapiroWilk
Arsenic (ug/L)	P-504B (bg)	No	n/a	n/a	NP	NaN	15	1.275	0.812	ln(x)	ShapiroWilk

Outlier Analysis

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 11:28 AM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Arsenic (ug/L)	P-503B (bg)	n/a	n/a	n/a	NP	NaN	20	1.461	0.7015	unknown	ShapiroWilk
Arsenic (ug/L)	MW-108AR	No	n/a	n/a	NP	NaN	19	1.736	0.6657	normal	ShapiroWilk
Arsenic (ug/L)	MW-505A (bg)	n/a	n/a	n/a	NP	NaN	18	1.312	0.7117	unknown	ShapiroWilk
Arsenic (ug/L)	MW-501A	No	n/a	n/a	NP	NaN	21	1.38	0.7062	ln(x)	ShapiroWilk
Arsenic (ug/L)	MW-605	No	n/a	n/a	NP	NaN	15	1.239	0.6906	ln(x)	ShapiroWilk
Arsenic (ug/L)	MW-604	n/a	n/a	n/a	NP	NaN	15	1.225	0.6918	unknown	ShapiroWilk
Barium (ug/L)	MW-102A	No	n/a	n/a	NP	NaN	22	317	90.15	ln(x)	ShapiroWilk
Barium (ug/L)	**OW-301A**	**Yes**	**1000**	**9/18/2024**	**NP**	**NaN**	**19**	**261.4**	**188.3**	**ln(x)**	**ShapiroWilk**
Barium (ug/L)	MW-201A	No	n/a	n/a	NP	NaN	24	465.9	80.88	ln(x)	ShapiroWilk
Barium (ug/L)	MW-103A	No	n/a	n/a	NP	NaN	24	187.9	162.8	ln(x)	ShapiroWilk
Barium (ug/L)	MW-114AR	No	n/a	n/a	NP	NaN	22	151.8	27.06	normal	ShapiroWilk
Barium (ug/L)	MW-120AR (bg)	No	n/a	n/a	NP	NaN	24	48.34	11.05	ln(x)	ShapiroWilk
Barium (ug/L)	P-105B	No	n/a	n/a	NP	NaN	22	176	39.33	x^5	ShapiroWilk
Barium (ug/L)	MW-504A (bg)	No	n/a	n/a	NP	NaN	6	77.63	7.616	x^3	ShapiroWilk
Barium (ug/L)	P-108B	No	n/a	n/a	NP	NaN	22	168	11.39	ln(x)	ShapiroWilk
Barium (ug/L)	MW-403A	No	n/a	n/a	NP	NaN	22	152.6	25.25	x^2	ShapiroWilk
Barium (ug/L)	P-114BR	No	n/a	n/a	NP	NaN	22	198.3	17.06	x^3	ShapiroWilk
Barium (ug/L)	MW-204A	No	n/a	n/a	NP	NaN	24	326	25.34	x^2	ShapiroWilk
Barium (ug/L)	P-120B (bg)	No	n/a	n/a	NP	NaN	22	26.67	1.758	sqrt(x)	ShapiroWilk
Barium (ug/L)	MW-137A	No	n/a	n/a	NP	NaN	23	174.8	95.7	ln(x)	ShapiroWilk
Barium (ug/L)	MW-202A	No	n/a	n/a	NP	NaN	24	780.4	372	ln(x)	ShapiroWilk
Barium (ug/L)	MW-401A	No	n/a	n/a	NP	NaN	25	206.8	44.57	ln(x)	ShapiroWilk
Barium (ug/L)	MW-402A	No	n/a	n/a	NP	NaN	22	72.19	10.9	ln(x)	ShapiroWilk
Barium (ug/L)	OW-306AR	No	n/a	n/a	NP	NaN	15	159.8	40.98	ln(x)	ShapiroWilk
Barium (ug/L)	MW-109ARR	No	n/a	n/a	NP	NaN	22	313.8	78.3	x^(1/3)	ShapiroWilk
Barium (ug/L)	MW-502A	No	n/a	n/a	NP	NaN	21	32.55	12.45	ln(x)	ShapiroWilk
Barium (ug/L)	MW-404A	No	n/a	n/a	NP	NaN	22	65.75	6.077	ln(x)	ShapiroWilk
Barium (ug/L)	P-504B (bg)	No	n/a	n/a	NP	NaN	15	248.5	68.25	x^3	ShapiroWilk
Barium (ug/L)	P-503B (bg)	No	n/a	n/a	NP	NaN	20	100.8	13.07	ln(x)	ShapiroWilk
Barium (ug/L)	MW-108AR	No	n/a	n/a	NP	NaN	19	239.7	65.16	x^6	ShapiroWilk
Barium (ug/L)	MW-505A (bg)	No	n/a	n/a	NP	NaN	18	96.48	12.95	ln(x)	ShapiroWilk
Barium (ug/L)	MW-501A	No	n/a	n/a	NP	NaN	21	78.42	18.51	ln(x)	ShapiroWilk
Barium (ug/L)	MW-605	No	n/a	n/a	NP	NaN	15	169.5	46.78	x^2	ShapiroWilk
Barium (ug/L)	MW-604	No	n/a	n/a	NP	NaN	15	203.1	25.21	ln(x)	ShapiroWilk
Beryllium (ug/L)	MW-102A	n/a	n/a	n/a	NP	NaN	22	0.6203	0.3972	unknown	ShapiroWilk
Beryllium (ug/L)	OW-301A	n/a	n/a	n/a	NP	NaN	19	0.6578	0.3758	unknown	ShapiroWilk
Beryllium (ug/L)	MW-201A	n/a	n/a	n/a	NP	NaN	24	0.684	0.3976	unknown	ShapiroWilk
Beryllium (ug/L)	MW-103A	No	n/a	n/a	NP	NaN	24	0.6491	0.3987	sqrt(x)	ShapiroWilk
Beryllium (ug/L)	MW-114AR	n/a	n/a	n/a	NP	NaN	22	0.6171	0.4017	unknown	ShapiroWilk
Beryllium (ug/L)	MW-120AR (bg)	No	n/a	n/a	NP	NaN	24	0.649	0.3988	sqrt(x)	ShapiroWilk
Beryllium (ug/L)	P-105B	n/a	n/a	n/a	NP	NaN	22	0.6171	0.4017	unknown	ShapiroWilk
Beryllium (ug/L)	MW-504A (bg)	n/a	n/a	n/a	NP	NaN	6	0.7567	0.377	unknown	ShapiroWilk
Beryllium (ug/L)	P-108B	n/a	n/a	n/a	NP	NaN	22	0.6177	0.4009	unknown	ShapiroWilk
Beryllium (ug/L)	MW-403A	n/a	n/a	n/a	NP	NaN	22	0.6175	0.4011	unknown	ShapiroWilk
Beryllium (ug/L)	P-114BR	n/a	n/a	n/a	NP	NaN	22	0.6171	0.4017	unknown	ShapiroWilk
Beryllium (ug/L)	MW-204A	No	n/a	n/a	NP	NaN	24	0.7049	0.5242	sqrt(x)	ShapiroWilk
Beryllium (ug/L)	P-120B (bg)	n/a	n/a	n/a	NP	NaN	22	0.6171	0.4017	unknown	ShapiroWilk
Beryllium (ug/L)	MW-137A	n/a	n/a	n/a	NP	NaN	23	0.6026	0.3983	unknown	ShapiroWilk
Beryllium (ug/L)	MW-202A	n/a	n/a	n/a	NP	NaN	24	0.6828	0.3996	unknown	ShapiroWilk
Beryllium (ug/L)	MW-401A	n/a	n/a	n/a	NP	NaN	23	0.6342	0.3999	unknown	ShapiroWilk

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Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Beryllium (ug/L)	MW-402A	n/a	n/a	n/a	NP	NaN	22	0.6175	0.4011	unknown	ShapiroWilk
Beryllium (ug/L)	OW-306AR	n/a	n/a	n/a	NP	NaN	15	0.6315	0.3574	unknown	ShapiroWilk
Beryllium (ug/L)	MW-109ARR	n/a	n/a	n/a	NP	NaN	22	0.5867	0.3966	unknown	ShapiroWilk
Beryllium (ug/L)	MW-502A	n/a	n/a	n/a	NP	NaN	21	0.6904	0.3711	unknown	ShapiroWilk
Beryllium (ug/L)	MW-404A	n/a	n/a	n/a	NP	NaN	22	0.6171	0.4017	unknown	ShapiroWilk
Beryllium (ug/L)	P-504B (bg)	n/a	n/a	n/a	NP	NaN	15	0.5666	0.3731	unknown	ShapiroWilk
Beryllium (ug/L)	P-503B (bg)	n/a	n/a	n/a	NP	NaN	20	0.7085	0.3712	unknown	ShapiroWilk
Beryllium (ug/L)	MW-108AR	n/a	n/a	n/a	NP	NaN	19	0.6701	0.4071	unknown	ShapiroWilk
Beryllium (ug/L)	MW-505A (bg)	No	n/a	n/a	NP	NaN	18	0.6388	0.3772	x^(1/3)	ShapiroWilk
Beryllium (ug/L)	MW-501A	n/a	n/a	n/a	NP	NaN	21	0.7362	0.3451	unknown	ShapiroWilk
Beryllium (ug/L)	MW-605	n/a	n/a	n/a	NP	NaN	15	0.6307	0.3583	unknown	ShapiroWilk
Beryllium (ug/L)	MW-604	n/a	n/a	n/a	NP	NaN	15	0.6307	0.3583	unknown	ShapiroWilk
Cadmium (ug/L)	MW-102A	n/a	n/a	n/a	NP	NaN	22	0.2198	0.197	unknown	ShapiroWilk
Cadmium (ug/L)	**OW-301A**	**Yes**	**0.5,0.5**	**10/11/2018,4/3/2019**	**NP**	**NaN**	**19**	**0.1404**	**0.1301**	**ln(x)**	**ShapiroWilk**
Cadmium (ug/L)	**MW-201A**	**Yes**	**0.5**	**10/10/2018**	**NP**	**NaN**	**24**	**0.1069**	**0.0893**	**ln(x)**	**ShapiroWilk**
Cadmium (ug/L)	MW-103A	No	n/a	n/a	NP	NaN	24	0.1934	0.1819	ln(x)	ShapiroWilk
Cadmium (ug/L)	MW-114AR	No	n/a	n/a	NP	NaN	22	0.1684	0.1623	ln(x)	ShapiroWilk
Cadmium (ug/L)	MW-120AR (bg)	n/a	n/a	n/a	NP	NaN	24	0.22	0.1842	unknown	ShapiroWilk
Cadmium (ug/L)	P-105B	n/a	n/a	n/a	NP	NaN	22	0.2226	0.1947	unknown	ShapiroWilk
Cadmium (ug/L)	MW-504A (bg)	No	n/a	n/a	NP	NaN	6	0.294	0.2273	ln(x)	ShapiroWilk
Cadmium (ug/L)	P-108B	n/a	n/a	n/a	NP	NaN	22	0.2226	0.1947	unknown	ShapiroWilk
Cadmium (ug/L)	MW-403A	No	n/a	n/a	NP	NaN	23	0.182	0.1733	ln(x)	ShapiroWilk
Cadmium (ug/L)	P-114BR	n/a	n/a	n/a	NP	NaN	22	0.2226	0.1947	unknown	ShapiroWilk
Cadmium (ug/L)	**MW-204A**	**Yes**	**0.469,0.5,2.67**	**12/2/2014,10/9/2018,1/20/2021**	**NP**	**NaN**	**24**	**0.2503**	**0.5264**	**ln(x)**	**ShapiroWilk**
Cadmium (ug/L)	P-120B (bg)	n/a	n/a	n/a	NP	NaN	22	0.2465	0.1872	unknown	ShapiroWilk
Cadmium (ug/L)	MW-137A	n/a	n/a	n/a	NP	NaN	23	0.2427	0.1862	unknown	ShapiroWilk
Cadmium (ug/L)	MW-202A	n/a	n/a	n/a	NP	NaN	24	0.2143	0.1896	unknown	ShapiroWilk
Cadmium (ug/L)	MW-401A	No	n/a	n/a	NP	NaN	24	0.177	0.1721	ln(x)	ShapiroWilk
Cadmium (ug/L)	MW-402A	n/a	n/a	n/a	NP	NaN	22	0.2226	0.1948	unknown	ShapiroWilk
Cadmium (ug/L)	OW-306AR	No	n/a	n/a	NP	NaN	15	0.1551	0.1536	ln(x)	ShapiroWilk
Cadmium (ug/L)	MW-109ARR	No	n/a	n/a	NP	NaN	22	0.1961	0.1828	ln(x)	ShapiroWilk
Cadmium (ug/L)	MW-502A	No	n/a	n/a	NP	NaN	21	0.2086	0.191	ln(x)	ShapiroWilk
Cadmium (ug/L)	MW-404A	No	n/a	n/a	NP	NaN	22	0.2015	0.1881	ln(x)	ShapiroWilk
Cadmium (ug/L)	P-504B (bg)	No	n/a	n/a	NP	NaN	15	0.2121	0.1849	ln(x)	ShapiroWilk
Cadmium (ug/L)	P-503B (bg)	No	n/a	n/a	NP	NaN	20	0.2368	0.2028	ln(x)	ShapiroWilk
Cadmium (ug/L)	MW-108AR	No	n/a	n/a	NP	NaN	19	0.2177	0.1986	ln(x)	ShapiroWilk
Cadmium (ug/L)	MW-505A (bg)	No	n/a	n/a	NP	NaN	18	0.1877	0.1722	ln(x)	ShapiroWilk
Cadmium (ug/L)	MW-501A	No	n/a	n/a	NP	NaN	22	0.1905	0.1787	ln(x)	ShapiroWilk
Cadmium (ug/L)	**MW-605**	**Yes**	**0.5**	**4/3/2019**	**NP**	**NaN**	**15**	**0.1099**	**0.1104**	**ln(x)**	**ShapiroWilk**
Cadmium (ug/L)	MW-604	n/a	n/a	n/a	NP	NaN	15	0.1174	0.1075	unknown	ShapiroWilk
Chromium (ug/L)	MW-102A	No	n/a	n/a	NP	NaN	22	3.11	1.94	ln(x)	ShapiroWilk
Chromium (ug/L)	OW-301A	n/a	n/a	n/a	NP	NaN	19	3.015	1.941	unknown	ShapiroWilk
Chromium (ug/L)	MW-201A	No	n/a	n/a	NP	NaN	24	3.286	1.869	ln(x)	ShapiroWilk
Chromium (ug/L)	MW-103A	n/a	n/a	n/a	NP	NaN	24	3.146	1.906	unknown	ShapiroWilk
Chromium (ug/L)	MW-114AR	No	n/a	n/a	NP	NaN	22	2.948	1.923	ln(x)	ShapiroWilk
Chromium (ug/L)	MW-120AR (bg)	No	n/a	n/a	NP	NaN	24	4.406	8.488	ln(x)	ShapiroWilk
Chromium (ug/L)	P-105B	No	n/a	n/a	NP	NaN	22	3.11	1.94	ln(x)	ShapiroWilk
Chromium (ug/L)	MW-504A (bg)	No	n/a	n/a	NP	NaN	6	2.586	2.385	ln(x)	ShapiroWilk
Chromium (ug/L)	P-108B	No	n/a	n/a	NP	NaN	22	2.939	1.931	ln(x)	ShapiroWilk
Chromium (ug/L)	MW-403A	No	n/a	n/a	NP	NaN	22	3.11	1.94	ln(x)	ShapiroWilk

Outlier Analysis

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Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Chromium (ug/L)	P-114BR	No	n/a	n/a	NP	NaN	22	2.818	1.872	ln(x)	ShapiroWilk
Chromium (ug/L)	MW-204A	n/a	n/a	n/a	NP	NaN	24	3.024	1.885	unknown	ShapiroWilk
Chromium (ug/L)	P-120B (bg)	n/a	n/a	n/a	NP	NaN	22	2.808	1.899	unknown	ShapiroWilk
Chromium (ug/L)	MW-137A	n/a	n/a	n/a	NP	NaN	23	2.747	1.861	unknown	ShapiroWilk
Chromium (ug/L)	MW-202A	n/a	n/a	n/a	NP	NaN	24	3.102	1.917	unknown	ShapiroWilk
Chromium (ug/L)	MW-401A	n/a	n/a	n/a	NP	NaN	23	3.077	1.902	unknown	ShapiroWilk
Chromium (ug/L)	MW-402A	No	n/a	n/a	NP	NaN	22	2.985	1.9	ln(x)	ShapiroWilk
Chromium (ug/L)	OW-306AR	No	n/a	n/a	NP	NaN	15	2.787	1.673	ln(x)	ShapiroWilk
Chromium (ug/L)	MW-109ARR	No	n/a	n/a	NP	NaN	22	2.806	1.884	ln(x)	ShapiroWilk
Chromium (ug/L)	MW-502A	n/a	n/a	n/a	NP	NaN	21	3.035	1.934	unknown	ShapiroWilk
Chromium (ug/L)	MW-404A	n/a	n/a	n/a	NP	NaN	22	2.766	1.925	unknown	ShapiroWilk
Chromium (ug/L)	P-504B (bg)	n/a	n/a	n/a	NP	NaN	15	2.782	1.892	unknown	ShapiroWilk
Chromium (ug/L)	P-503B (bg)	No	n/a	n/a	NP	NaN	20	3.394	1.866	ln(x)	ShapiroWilk
Chromium (ug/L)	MW-108AR	n/a	n/a	n/a	NP	NaN	19	3.202	1.913	unknown	ShapiroWilk
Chromium (ug/L)	MW-505A (bg)	n/a	n/a	n/a	NP	NaN	18	3.128	1.931	unknown	ShapiroWilk
Chromium (ug/L)	MW-501A	n/a	n/a	n/a	NP	NaN	21	3.189	1.964	unknown	ShapiroWilk
Chromium (ug/L)	MW-605	n/a	n/a	n/a	NP	NaN	15	2.98	1.963	unknown	ShapiroWilk
Chromium (ug/L)	MW-604	n/a	n/a	n/a	NP	NaN	15	2.98	1.963	unknown	ShapiroWilk
Cobalt (ug/L)	MW-102A	No	n/a	n/a	NP	NaN	22	1.141	0.8086	sqrt(x)	ShapiroWilk
Cobalt (ug/L)	OW-301A	No	n/a	n/a	NP	NaN	19	1.457	1.296	x^(1/3)	ShapiroWilk
Cobalt (ug/L)	MW-201A	No	n/a	n/a	NP	NaN	24	2.507	1.57	sqrt(x)	ShapiroWilk
Cobalt (ug/L)	MW-103A	No	n/a	n/a	NP	NaN	24	0.3522	0.2817	ln(x)	ShapiroWilk
Cobalt (ug/L)	MW-114AR	No	n/a	n/a	NP	NaN	22	0.2558	0.2403	ln(x)	ShapiroWilk
Cobalt (ug/L)	MW-120AR (bg)	No	n/a	n/a	NP	NaN	24	0.8919	0.9154	ln(x)	ShapiroWilk
Cobalt (ug/L)	P-105B	n/a	n/a	n/a	NP	NaN	22	0.2977	0.2218	unknown	ShapiroWilk
Cobalt (ug/L)	MW-504A (bg)	No	n/a	n/a	NP	NaN	6	2.39	5.101	ln(x)	ShapiroWilk
Cobalt (ug/L)	P-108B	No	n/a	n/a	NP	NaN	22	0.3021	0.2446	x^(1/3)	ShapiroWilk
Cobalt (ug/L)	MW-403A	No	n/a	n/a	NP	NaN	22	0.5725	0.2532	sqrt(x)	ShapiroWilk
Cobalt (ug/L)	P-114BR	No	n/a	n/a	NP	NaN	22	0.3115	0.2363	ln(x)	ShapiroWilk
Cobalt (ug/L)	MW-204A	No	n/a	n/a	NP	NaN	24	2.63	0.8453	ln(x)	ShapiroWilk
Cobalt (ug/L)	P-120B (bg)	No	n/a	n/a	NP	NaN	22	0.5961	0.5414	x^(1/3)	ShapiroWilk
Cobalt (ug/L)	MW-137A	No	n/a	n/a	NP	NaN	23	1.165	2.145	ln(x)	ShapiroWilk
Cobalt (ug/L)	MW-202A	No	n/a	n/a	NP	NaN	24	2.878	2.904	ln(x)	ShapiroWilk
Cobalt (ug/L)	MW-401A	No	n/a	n/a	NP	NaN	24	1.775	0.9423	x^(1/3)	ShapiroWilk
Cobalt (ug/L)	MW-402A	No	n/a	n/a	NP	NaN	23	1.384	0.5118	ln(x)	ShapiroWilk
Cobalt (ug/L)	OW-306AR	No	n/a	n/a	NP	NaN	15	1.624	1.169	x^(1/3)	ShapiroWilk
Cobalt (ug/L)	MW-109ARR	No	n/a	n/a	NP	NaN	22	1.552	0.7035	x^(1/3)	ShapiroWilk
Cobalt (ug/L)	MW-502A	No	n/a	n/a	NP	NaN	21	0.5932	0.2201	ln(x)	ShapiroWilk
Cobalt (ug/L)	MW-404A	No	n/a	n/a	NP	NaN	23	0.5863	0.4954	x^(1/3)	ShapiroWilk
Cobalt (ug/L)	P-504B (bg)	No	n/a	n/a	NP	NaN	15	7.821	2.744	x^2	ShapiroWilk
Cobalt (ug/L)	P-503B (bg)	No	n/a	n/a	NP	NaN	20	1.947	1.577	ln(x)	ShapiroWilk
Cobalt (ug/L)	MW-108AR	No	n/a	n/a	NP	NaN	19	0.5418	0.5006	x^(1/3)	ShapiroWilk
Cobalt (ug/L)	MW-505A (bg)	No	n/a	n/a	NP	NaN	18	0.5993	0.5644	ln(x)	ShapiroWilk
Cobalt (ug/L)	MW-501A	No	n/a	n/a	NP	NaN	25	1.961	0.6649	ln(x)	ShapiroWilk
Cobalt (ug/L)	MW-605	No	n/a	n/a	NP	NaN	20	0.6425	0.3493	ln(x)	ShapiroWilk
Cobalt (ug/L)	MW-604	n/a	n/a	n/a	NP	NaN	20	0.3616	0.2264	unknown	ShapiroWilk
Copper (ug/L)	MW-102A	No	n/a	n/a	NP	NaN	22	4.234	5.163	ln(x)	ShapiroWilk
Copper (ug/L)	OW-301A	n/a	n/a	n/a	NP	NaN	19	3.293	1.716	unknown	ShapiroWilk
Copper (ug/L)	MW-201A	n/a	n/a	n/a	NP	NaN	24	3.728	2.959	unknown	ShapiroWilk
Copper (ug/L)	MW-103A	n/a	n/a	n/a	NP	NaN	24	3.484	1.801	unknown	ShapiroWilk

Outlier Analysis

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Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Copper (ug/L)	MW-114AR	No	n/a	n/a	NP	NaN	22	3.01	1.8	x^(1/3)	ShapiroWilk
Copper (ug/L)	MW-120AR (bg)	n/a	n/a	n/a	NP	NaN	24	3.403	1.686	unknown	ShapiroWilk
Copper (ug/L)	P-105B	n/a	n/a	n/a	NP	NaN	22	3.752	2.855	unknown	ShapiroWilk
Copper (ug/L)	MW-504A (bg)	No	n/a	n/a	NP	NaN	6	4.502	2.599	sqrt(x)	ShapiroWilk
Copper (ug/L)	P-108B	No	n/a	n/a	NP	NaN	22	3.123	1.826	ln(x)	ShapiroWilk
Copper (ug/L)	MW-403A	n/a	n/a	n/a	NP	NaN	22	3.156	1.801	unknown	ShapiroWilk
Copper (ug/L)	P-114BR	n/a	n/a	n/a	NP	NaN	22	3.1	1.81	unknown	ShapiroWilk
Copper (ug/L)	MW-204A	n/a	n/a	n/a	NP	NaN	24	3.307	1.722	unknown	ShapiroWilk
Copper (ug/L)	P-120B (bg)	No	n/a	n/a	NP	NaN	22	2.815	1.621	ln(x)	ShapiroWilk
Copper (ug/L)	MW-137A	No	n/a	n/a	NP	NaN	23	3.245	1.94	sqrt(x)	ShapiroWilk
Copper (ug/L)	MW-202A	No	n/a	n/a	NP	NaN	24	2.957	1.497	ln(x)	ShapiroWilk
Copper (ug/L)	MW-401A	n/a	n/a	n/a	NP	NaN	23	2.992	1.889	unknown	ShapiroWilk
Copper (ug/L)	MW-402A	n/a	n/a	n/a	NP	NaN	22	3.095	1.807	unknown	ShapiroWilk
Copper (ug/L)	OW-306AR	No	n/a	n/a	NP	NaN	15	3.135	1.595	ln(x)	ShapiroWilk
Copper (ug/L)	MW-109ARR	No	n/a	n/a	NP	NaN	22	3.37	2.29	sqrt(x)	ShapiroWilk
Copper (ug/L)	MW-502A	n/a	n/a	n/a	NP	NaN	21	3.442	1.757	unknown	ShapiroWilk
Copper (ug/L)	MW-404A	No	n/a	n/a	NP	NaN	22	2.963	1.824	x^(1/3)	ShapiroWilk
Copper (ug/L)	P-504B (bg)	n/a	n/a	n/a	NP	NaN	15	3.157	1.766	unknown	ShapiroWilk
Copper (ug/L)	P-503B (bg)	No	n/a	n/a	NP	NaN	20	4.21	1.777	x^2	ShapiroWilk
Copper (ug/L)	MW-108AR	No	n/a	n/a	NP	NaN	19	3.843	2.027	normal	ShapiroWilk
Copper (ug/L)	MW-505A (bg)	n/a	n/a	n/a	NP	NaN	18	3.196	1.727	unknown	ShapiroWilk
Copper (ug/L)	MW-501A	n/a	n/a	n/a	NP	NaN	21	3.704	1.586	unknown	ShapiroWilk
Copper (ug/L)	MW-605	n/a	n/a	n/a	NP	NaN	15	3.189	1.581	unknown	ShapiroWilk
Copper (ug/L)	MW-604	n/a	n/a	n/a	NP	NaN	15	3.36	1.632	unknown	ShapiroWilk
Lead (ug/L)	MW-102A	n/a	n/a	n/a	NP	NaN	22	0.3494	0.1546	unknown	ShapiroWilk
Lead (ug/L)	OW-301A	n/a	n/a	n/a	NP	NaN	19	0.3695	0.129	unknown	ShapiroWilk
Lead (ug/L)	MW-201A	No	n/a	n/a	NP	NaN	24	0.39	0.1774	normal	ShapiroWilk
Lead (ug/L)	MW-103A	n/a	n/a	n/a	NP	NaN	24	0.4281	0.3923	unknown	ShapiroWilk
Lead (ug/L)	MW-114AR	n/a	n/a	n/a	NP	NaN	22	0.4466	0.4498	unknown	ShapiroWilk
Lead (ug/L)	MW-120AR (bg)	n/a	n/a	n/a	NP	NaN	24	0.4169	0.331	unknown	ShapiroWilk
Lead (ug/L)	P-105B	No	n/a	n/a	NP	NaN	22	0.4164	0.2209	x^(1/3)	ShapiroWilk
Lead (ug/L)	MW-504A (bg)	No	n/a	n/a	NP	NaN	6	0.9435	1.296	ln(x)	ShapiroWilk
Lead (ug/L)	P-108B	No	n/a	n/a	NP	NaN	22	2.022	2.679	ln(x)	ShapiroWilk
Lead (ug/L)	MW-403A	n/a	n/a	n/a	NP	NaN	24	0.3983	0.2466	unknown	ShapiroWilk
Lead (ug/L)	P-114BR	n/a	n/a	n/a	NP	NaN	22	0.355	0.158	unknown	ShapiroWilk
Lead (ug/L)	**MW-204A**	**Yes**	**4.75**	**1/20/2021**	**NP**	**NaN**	**24**	**0.5394**	**0.9081**	**ln(x)**	**ShapiroWilk**
Lead (ug/L)	P-120B (bg)	n/a	n/a	n/a	NP	NaN	22	0.357	0.1421	unknown	ShapiroWilk
Lead (ug/L)	MW-137A	n/a	n/a	n/a	NP	NaN	23	0.3697	0.1749	unknown	ShapiroWilk
Lead (ug/L)	MW-202A	n/a	n/a	n/a	NP	NaN	24	0.3938	0.1791	unknown	ShapiroWilk
Lead (ug/L)	MW-401A	n/a	n/a	n/a	NP	NaN	24	0.3585	0.1484	unknown	ShapiroWilk
Lead (ug/L)	MW-402A	No	n/a	n/a	NP	NaN	23	0.4407	0.5528	ln(x)	ShapiroWilk
Lead (ug/L)	OW-306AR	No	n/a	n/a	NP	NaN	15	1.306	1.676	ln(x)	ShapiroWilk
Lead (ug/L)	MW-109ARR	No	n/a	n/a	NP	NaN	22	0.4164	0.4421	ln(x)	ShapiroWilk
Lead (ug/L)	MW-502A	n/a	n/a	n/a	NP	NaN	21	0.3577	0.1737	unknown	ShapiroWilk
Lead (ug/L)	MW-404A	n/a	n/a	n/a	NP	NaN	24	0.3816	0.1753	unknown	ShapiroWilk
Lead (ug/L)	P-504B (bg)	n/a	n/a	n/a	NP	NaN	15	0.4101	0.2207	unknown	ShapiroWilk
Lead (ug/L)	**P-503B (bg)**	**Yes**	**0.0967,1.85**	**12/4/2015,4/8/2024**	**NP**	**NaN**	**20**	**0.5282**	**0.3892**	**ln(x)**	**ShapiroWilk**
Lead (ug/L)	MW-108AR	No	n/a	n/a	NP	NaN	19	1.18	2.6	ln(x)	ShapiroWilk
Lead (ug/L)	MW-505A (bg)	No	n/a	n/a	NP	NaN	18	0.3986	0.1444	normal	ShapiroWilk
Lead (ug/L)	MW-501A	No	n/a	n/a	NP	NaN	21	0.3936	0.1348	normal	ShapiroWilk

Outlier Analysis

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 11:28 AM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Lead (ug/L)	MW-605	n/a	n/a	n/a	NP	NaN	15	0.3807	0.1514	unknown	ShapiroWilk
Lead (ug/L)	MW-604	n/a	n/a	n/a	NP	NaN	15	0.3423	0.14	unknown	ShapiroWilk
Nickel (ug/L)	MW-102A	No	n/a	n/a	NP	NaN	22	2.444	1.3	sqrt(x)	ShapiroWilk
Nickel (ug/L)	OW-301A	n/a	n/a	n/a	NP	NaN	19	3.611	2.288	unknown	ShapiroWilk
Nickel (ug/L)	MW-201A	No	n/a	n/a	NP	NaN	24	3.678	1.4	normal	ShapiroWilk
Nickel (ug/L)	MW-103A	No	n/a	n/a	NP	NaN	24	3.475	1.61	x^(1/3)	ShapiroWilk
Nickel (ug/L)	MW-114AR	No	n/a	n/a	NP	NaN	22	2.495	1.443	ln(x)	ShapiroWilk
Nickel (ug/L)	MW-120AR (bg)	No	n/a	n/a	NP	NaN	24	6.56	5.746	ln(x)	ShapiroWilk
Nickel (ug/L)	P-105B	n/a	n/a	n/a	NP	NaN	22	3.664	3.057	unknown	ShapiroWilk
Nickel (ug/L)	MW-504A (bg)	No	n/a	n/a	NP	NaN	6	2.886	2.815	ln(x)	ShapiroWilk
Nickel (ug/L)	P-108B	n/a	n/a	n/a	NP	NaN	22	3.315	1.62	unknown	ShapiroWilk
Nickel (ug/L)	MW-403A	No	n/a	n/a	NP	NaN	22	2.333	1.257	ln(x)	ShapiroWilk
Nickel (ug/L)	P-114BR	n/a	n/a	n/a	NP	NaN	22	3.286	1.797	unknown	ShapiroWilk
Nickel (ug/L)	MW-204A	No	n/a	n/a	NP	NaN	24	20.06	3.032	ln(x)	ShapiroWilk
Nickel (ug/L)	P-120B (bg)	No	n/a	n/a	NP	NaN	22	3.052	1.836	x^(1/3)	ShapiroWilk
Nickel (ug/L)	MW-137A	No	n/a	n/a	NP	NaN	23	6.973	7.942	x^(1/3)	ShapiroWilk
Nickel (ug/L)	MW-202A	No	n/a	n/a	NP	NaN	24	10.07	5.756	sqrt(x)	ShapiroWilk
Nickel (ug/L)	MW-401A	No	n/a	n/a	NP	NaN	24	3.74	2.665	ln(x)	ShapiroWilk
Nickel (ug/L)	MW-402A	n/a	n/a	n/a	NP	NaN	22	3.264	1.645	unknown	ShapiroWilk
Nickel (ug/L)	OW-306AR	No	n/a	n/a	NP	NaN	15	4.265	1.954	ln(x)	ShapiroWilk
Nickel (ug/L)	**MW-109ARR**	**Yes**	**0.581,7.75**	**6/17/2015,10/3/2021**	**NP**	**NaN**	**22**	**2.757**	**1.529**	**ln(x)**	**ShapiroWilk**
Nickel (ug/L)	MW-502A	n/a	n/a	n/a	NP	NaN	21	3.55	1.603	unknown	ShapiroWilk
Nickel (ug/L)	MW-404A	No	n/a	n/a	NP	NaN	22	2.565	1.434	x^(1/3)	ShapiroWilk
Nickel (ug/L)	P-504B (bg)	No	n/a	n/a	NP	NaN	15	10.22	2.81	x^2	ShapiroWilk
Nickel (ug/L)	P-503B (bg)	No	n/a	n/a	NP	NaN	20	4.002	2.805	ln(x)	ShapiroWilk
Nickel (ug/L)	**MW-108AR**	**Yes**	**0.2905,10**	**6/8/2015,9/18/2024**	**NP**	**NaN**	**19**	**3.323**	**1.847**	**sqrt(x)**	**ShapiroWilk**
Nickel (ug/L)	MW-505A (bg)	n/a	n/a	n/a	NP	NaN	18	3.169	2.038	unknown	ShapiroWilk
Nickel (ug/L)	MW-501A	No	n/a	n/a	NP	NaN	21	3.317	0.6839	ln(x)	ShapiroWilk
Nickel (ug/L)	MW-605	No	n/a	n/a	NP	NaN	20	3.664	1.212	ln(x)	ShapiroWilk
Nickel (ug/L)	MW-604	n/a	n/a	n/a	NP	NaN	20	3.412	1.653	unknown	ShapiroWilk
Selenium (ug/L)	MW-102A	n/a	n/a	n/a	NP	NaN	22	3.255	1.717	unknown	ShapiroWilk
Selenium (ug/L)	OW-301A	n/a	n/a	n/a	NP	NaN	19	2.449	1.464	unknown	ShapiroWilk
Selenium (ug/L)	MW-201A	n/a	n/a	n/a	NP	NaN	24	3.553	1.656	unknown	ShapiroWilk
Selenium (ug/L)	MW-103A	No	n/a	n/a	NP	NaN	24	2.695	1.676	ln(x)	ShapiroWilk
Selenium (ug/L)	MW-114AR	No	n/a	n/a	NP	NaN	22	2.63	1.522	ln(x)	ShapiroWilk
Selenium (ug/L)	MW-120AR (bg)	No	n/a	n/a	NP	NaN	24	3.393	1.662	x^(1/3)	ShapiroWilk
Selenium (ug/L)	P-105B	n/a	n/a	n/a	NP	NaN	22	3.291	1.746	unknown	ShapiroWilk
Selenium (ug/L)	MW-504A (bg)	n/a	n/a	n/a	NP	NaN	6	3.03	2.161	unknown	ShapiroWilk
Selenium (ug/L)	P-108B	No	n/a	n/a	NP	NaN	22	2.586	1.698	ln(x)	ShapiroWilk
Selenium (ug/L)	MW-403A	n/a	n/a	n/a	NP	NaN	22	3.22	1.704	unknown	ShapiroWilk
Selenium (ug/L)	P-114BR	n/a	n/a	n/a	NP	NaN	22	3.126	1.748	unknown	ShapiroWilk
Selenium (ug/L)	MW-204A	n/a	n/a	n/a	NP	NaN	24	3.56	2.35	unknown	ShapiroWilk
Selenium (ug/L)	P-120B (bg)	n/a	n/a	n/a	NP	NaN	22	3.3	1.737	unknown	ShapiroWilk
Selenium (ug/L)	MW-137A	n/a	n/a	n/a	NP	NaN	23	3.113	1.703	unknown	ShapiroWilk
Selenium (ug/L)	MW-202A	n/a	n/a	n/a	NP	NaN	24	3.553	1.656	unknown	ShapiroWilk
Selenium (ug/L)	MW-401A	n/a	n/a	n/a	NP	NaN	23	3.201	1.8	unknown	ShapiroWilk
Selenium (ug/L)	MW-402A	n/a	n/a	n/a	NP	NaN	22	3.277	1.733	unknown	ShapiroWilk
Selenium (ug/L)	OW-306AR	n/a	n/a	n/a	NP	NaN	15	2.857	1.605	unknown	ShapiroWilk
Selenium (ug/L)	MW-109ARR	n/a	n/a	n/a	NP	NaN	22	3.093	1.79	unknown	ShapiroWilk
Selenium (ug/L)	MW-502A	No	n/a	n/a	NP	NaN	21	2.975	1.88	ln(x)	ShapiroWilk

Outlier Analysis

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 11:28 AM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Selenium (ug/L)	MW-404A	n/a	n/a	n/a	NP	NaN	22	3.034	1.691	unknown	ShapiroWilk
Selenium (ug/L)	P-504B (bg)	n/a	n/a	n/a	NP	NaN	15	2.342	1.758	unknown	ShapiroWilk
Selenium (ug/L)	P-503B (bg)	n/a	n/a	n/a	NP	NaN	20	3.263	1.863	unknown	ShapiroWilk
Selenium (ug/L)	MW-108AR	n/a	n/a	n/a	NP	NaN	19	3.521	1.597	unknown	ShapiroWilk
Selenium (ug/L)	MW-505A (bg)	n/a	n/a	n/a	NP	NaN	18	3.234	1.885	unknown	ShapiroWilk
Selenium (ug/L)	MW-501A	n/a	n/a	n/a	NP	NaN	21	3.481	1.82	unknown	ShapiroWilk
Selenium (ug/L)	MW-605	n/a	n/a	n/a	NP	NaN	15	2.992	1.951	unknown	ShapiroWilk
Selenium (ug/L)	MW-604	n/a	n/a	n/a	NP	NaN	15	3.011	1.935	unknown	ShapiroWilk
Silver (ug/L)	MW-102A	n/a	n/a	n/a	NP	NaN	22	0.6603	0.3499	unknown	ShapiroWilk
Silver (ug/L)	OW-301A	n/a	n/a	n/a	NP	NaN	19	0.7268	0.3436	unknown	ShapiroWilk
Silver (ug/L)	MW-201A	n/a	n/a	n/a	NP	NaN	24	0.7411	0.3971	unknown	ShapiroWilk
Silver (ug/L)	MW-103A	n/a	n/a	n/a	NP	NaN	24	0.6982	0.3409	unknown	ShapiroWilk
Silver (ug/L)	MW-114AR	n/a	n/a	n/a	NP	NaN	22	0.6603	0.3499	unknown	ShapiroWilk
Silver (ug/L)	MW-120AR (bg)	n/a	n/a	n/a	NP	NaN	24	0.774	0.4156	unknown	ShapiroWilk
Silver (ug/L)	P-105B	n/a	n/a	n/a	NP	NaN	22	0.7212	0.3796	unknown	ShapiroWilk
Silver (ug/L)	MW-504A (bg)	No	n/a	n/a	NP	NaN	6	0.8183	0.2823	ln(x)	ShapiroWilk
Silver (ug/L)	P-108B	No	n/a	n/a	NP	NaN	22	0.6691	0.3417	normal	ShapiroWilk
Silver (ug/L)	MW-403A	n/a	n/a	n/a	NP	NaN	22	0.6603	0.3499	unknown	ShapiroWilk
Silver (ug/L)	P-114BR	n/a	n/a	n/a	NP	NaN	22	0.6603	0.3499	unknown	ShapiroWilk
Silver (ug/L)	MW-204A	No	n/a	n/a	NP	NaN	24	0.7409	0.4585	sqrt(x)	ShapiroWilk
Silver (ug/L)	P-120B (bg)	No	n/a	n/a	NP	NaN	22	0.6772	0.4205	normal	ShapiroWilk
Silver (ug/L)	MW-137A	n/a	n/a	n/a	NP	NaN	23	0.6498	0.3455	unknown	ShapiroWilk
Silver (ug/L)	MW-202A	n/a	n/a	n/a	NP	NaN	24	0.7411	0.3971	unknown	ShapiroWilk
Silver (ug/L)	MW-401A	n/a	n/a	n/a	NP	NaN	23	0.6768	0.3459	unknown	ShapiroWilk
Silver (ug/L)	MW-402A	n/a	n/a	n/a	NP	NaN	22	0.6621	0.3465	unknown	ShapiroWilk
Silver (ug/L)	OW-306AR	n/a	n/a	n/a	NP	NaN	15	0.7001	0.2535	unknown	ShapiroWilk
Silver (ug/L)	MW-109ARR	No	n/a	n/a	NP	NaN	22	0.667	0.3437	normal	ShapiroWilk
Silver (ug/L)	MW-502A	n/a	n/a	n/a	NP	NaN	21	0.7353	0.3003	unknown	ShapiroWilk
Silver (ug/L)	MW-404A	n/a	n/a	n/a	NP	NaN	22	0.6605	0.3495	unknown	ShapiroWilk
Silver (ug/L)	P-504B (bg)	n/a	n/a	n/a	NP	NaN	15	0.6066	0.3178	unknown	ShapiroWilk
Silver (ug/L)	P-503B (bg)	n/a	n/a	n/a	NP	NaN	20	0.751	0.2991	unknown	ShapiroWilk
Silver (ug/L)	MW-108AR	n/a	n/a	n/a	NP	NaN	19	0.6928	0.3637	unknown	ShapiroWilk
Silver (ug/L)	MW-505A (bg)	No	n/a	n/a	NP	NaN	18	0.6829	0.3208	normal	ShapiroWilk
Silver (ug/L)	MW-501A	n/a	n/a	n/a	NP	NaN	21	0.7895	0.2525	unknown	ShapiroWilk
Silver (ug/L)	MW-605	n/a	n/a	n/a	NP	NaN	15	0.7267	0.2654	unknown	ShapiroWilk
Silver (ug/L)	MW-604	n/a	n/a	n/a	NP	NaN	15	0.7267	0.2654	unknown	ShapiroWilk
Thallium (ug/L)	MW-102A	n/a	n/a	n/a	NP	NaN	22	0.687	0.4847	unknown	ShapiroWilk
Thallium (ug/L)	OW-301A	n/a	n/a	n/a	NP	NaN	19	0.7087	0.4692	unknown	ShapiroWilk
Thallium (ug/L)	MW-201A	n/a	n/a	n/a	NP	NaN	24	0.7453	0.4662	unknown	ShapiroWilk
Thallium (ug/L)	MW-103A	n/a	n/a	n/a	NP	NaN	24	0.7128	0.4718	unknown	ShapiroWilk
Thallium (ug/L)	MW-114AR	n/a	n/a	n/a	NP	NaN	22	0.6432	0.4984	unknown	ShapiroWilk
Thallium (ug/L)	MW-120AR (bg)	n/a	n/a	n/a	NP	NaN	24	0.7143	0.4875	unknown	ShapiroWilk
Thallium (ug/L)	P-105B	n/a	n/a	n/a	NP	NaN	22	1.23	2.387	unknown	ShapiroWilk
Thallium (ug/L)	MW-504A (bg)	n/a	n/a	n/a	NP	NaN	6	0.7533	0.3821	unknown	ShapiroWilk
Thallium (ug/L)	P-108B	n/a	n/a	n/a	NP	NaN	22	0.6489	0.4932	unknown	ShapiroWilk
Thallium (ug/L)	MW-403A	n/a	n/a	n/a	NP	NaN	22	0.8112	0.8471	unknown	ShapiroWilk
Thallium (ug/L)	P-114BR	n/a	n/a	n/a	NP	NaN	22	0.6867	0.4851	unknown	ShapiroWilk
Thallium (ug/L)	MW-204A	No	n/a	n/a	NP	NaN	24	1.01	2.286	ln(x)	ShapiroWilk
Thallium (ug/L)	P-120B (bg)	n/a	n/a	n/a	NP	NaN	22	0.7235	0.4819	unknown	ShapiroWilk
Thallium (ug/L)	MW-137A	n/a	n/a	n/a	NP	NaN	23	0.658	0.4905	unknown	ShapiroWilk

Outlier Analysis

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 11:28 AM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Thallium (ug/L)	MW-202A	n/a	n/a	n/a	NP	NaN	24	0.7055	0.4839	unknown	ShapiroWilk
Thallium (ug/L)	MW-401A	n/a	n/a	n/a	NP	NaN	23	0.6682	0.4821	unknown	ShapiroWilk
Thallium (ug/L)	MW-402A	n/a	n/a	n/a	NP	NaN	22	0.6867	0.4851	unknown	ShapiroWilk
Thallium (ug/L)	OW-306AR	n/a	n/a	n/a	NP	NaN	15	0.734	0.4804	unknown	ShapiroWilk
Thallium (ug/L)	MW-109ARR	No	n/a	n/a	NP	NaN	22	0.602	0.5048	sqrt(x)	ShapiroWilk
Thallium (ug/L)	MW-502A	n/a	n/a	n/a	NP	NaN	22	0.771	0.6257	unknown	ShapiroWilk
Thallium (ug/L)	MW-404A	n/a	n/a	n/a	NP	NaN	23	0.7247	0.5876	unknown	ShapiroWilk
Thallium (ug/L)	P-504B (bg)	n/a	n/a	n/a	NP	NaN	15	0.6042	0.5182	unknown	ShapiroWilk
Thallium (ug/L)	P-503B (bg)	n/a	n/a	n/a	NP	NaN	20	0.7408	0.4742	unknown	ShapiroWilk
Thallium (ug/L)	MW-108AR	No	n/a	n/a	NP	NaN	19	0.6151	0.5249	sqrt(x)	ShapiroWilk
Thallium (ug/L)	MW-505A (bg)	n/a	n/a	n/a	NP	NaN	18	0.6291	0.3731	unknown	ShapiroWilk
Thallium (ug/L)	MW-501A	n/a	n/a	n/a	NP	NaN	21	0.6302	0.4992	unknown	ShapiroWilk
Thallium (ug/L)	MW-605	No	n/a	n/a	NP	NaN	15	0.7104	0.3088	sqrt(x)	ShapiroWilk
Thallium (ug/L)	MW-604	n/a	n/a	n/a	NP	NaN	15	0.6673	0.3415	unknown	ShapiroWilk
Total Suspended Solids (mg/L)	MW-102A	No	n/a	n/a	NP	NaN	22	35.13	19.36	x^(1/3)	ShapiroWilk
Total Suspended Solids (mg/L)	OW-301A	No	n/a	n/a	NP	NaN	19	9.31	16.15	ln(x)	ShapiroWilk
Total Suspended Solids (mg/L)	MW-201A	No	n/a	n/a	NP	NaN	24	5.216	7.267	ln(x)	ShapiroWilk
Total Suspended Solids (mg/L)	**MW-103A**	**Yes**	**95.5,22.3**	**10/10/2022,10/10/2023**	**NP**	**NaN**	**24**	**6.584**	**19.42**	**ln(x)**	**ShapiroWilk**
Total Suspended Solids (mg/L)	MW-114AR	No	n/a	n/a	NP	NaN	22	7.483	18.62	ln(x)	ShapiroWilk
Total Suspended Solids (mg/L)	MW-120AR (bg)	No	n/a	n/a	NP	NaN	24	14.88	36.86	ln(x)	ShapiroWilk
Total Suspended Solids (mg/L)	P-105B	No	n/a	n/a	NP	NaN	22	1.823	1.179	ln(x)	ShapiroWilk
Total Suspended Solids (mg/L)	MW-504A (bg)	No	n/a	n/a	NP	NaN	6	45.22	98.9	ln(x)	ShapiroWilk
Total Suspended Solids (mg/L)	**P-108B**	**Yes**	**7.33,9.75**	**4/17/2023,10/10/2023**	**NP**	**NaN**	**22**	**2.229**	**2.129**	**ln(x)**	**ShapiroWilk**
Total Suspended Solids (mg/L)	MW-403A	No	n/a	n/a	NP	NaN	25	1.785	1.533	ln(x)	ShapiroWilk
Total Suspended Solids (mg/L)	**P-114BR**	**Yes**	**11.3**	**10/10/2023**	**NP**	**NaN**	**22**	**2.359**	**2.346**	**ln(x)**	**ShapiroWilk**
Total Suspended Solids (mg/L)	MW-204A	No	n/a	n/a	NP	NaN	24	7.779	15.67	ln(x)	ShapiroWilk
Total Suspended Solids (mg/L)	P-120B (bg)	No	n/a	n/a	NP	NaN	22	2.238	1.291	x^(1/3)	ShapiroWilk
Total Suspended Solids (mg/L)	MW-137A	No	n/a	n/a	NP	NaN	23	3.176	2.927	ln(x)	ShapiroWilk
Total Suspended Solids (mg/L)	MW-202A	No	n/a	n/a	NP	NaN	24	9.397	8.393	ln(x)	ShapiroWilk
Total Suspended Solids (mg/L)	MW-401A	No	n/a	n/a	NP	NaN	28	11.21	19.29	ln(x)	ShapiroWilk
Total Suspended Solids (mg/L)	**MW-402A**	**Yes**	**809**	**4/13/2021**	**NP**	**NaN**	**23**	**42.47**	**167.3**	**ln(x)**	**ShapiroWilk**
Total Suspended Solids (mg/L)	OW-306AR	No	n/a	n/a	NP	NaN	15	71.19	106.6	ln(x)	ShapiroWilk
Total Suspended Solids (mg/L)	MW-109ARR	No	n/a	n/a	NP	NaN	22	23.26	28.3	ln(x)	ShapiroWilk
Total Suspended Solids (mg/L)	MW-502A	No	n/a	n/a	NP	NaN	23	26.53	57.38	ln(x)	ShapiroWilk
Total Suspended Solids (mg/L)	MW-404A	No	n/a	n/a	NP	NaN	25	11.86	13.43	ln(x)	ShapiroWilk
Total Suspended Solids (mg/L)	P-504B (bg)	No	n/a	n/a	NP	NaN	15	35.69	25.36	x^(1/3)	ShapiroWilk
Total Suspended Solids (mg/L)	P-503B (bg)	No	n/a	n/a	NP	NaN	20	43.8	91.59	ln(x)	ShapiroWilk
Total Suspended Solids (mg/L)	MW-108AR	No	n/a	n/a	NP	NaN	19	41.71	153.2	ln(x)	ShapiroWilk
Total Suspended Solids (mg/L)	MW-505A (bg)	No	n/a	n/a	NP	NaN	18	7.823	13.11	ln(x)	ShapiroWilk
Total Suspended Solids (mg/L)	MW-501A	No	n/a	n/a	NP	NaN	25	26.06	19.58	ln(x)	ShapiroWilk
Total Suspended Solids (mg/L)	MW-605	No	n/a	n/a	NP	NaN	20	5.017	7.41	ln(x)	ShapiroWilk
Total Suspended Solids (mg/L)	**MW-604**	**Yes**	**293**	**1/19/2021**	**NP**	**NaN**	**20**	**16.42**	**65.11**	**ln(x)**	**ShapiroWilk**
Vanadium (ug/L)	MW-102A	No	n/a	n/a	NP	NaN	22	2.616	2.048	ln(x)	ShapiroWilk
Vanadium (ug/L)	OW-301A	No	n/a	n/a	NP	NaN	19	2.038	1.66	ln(x)	ShapiroWilk
Vanadium (ug/L)	MW-201A	No	n/a	n/a	NP	NaN	24	2.559	1.962	ln(x)	ShapiroWilk
Vanadium (ug/L)	MW-103A	n/a	n/a	n/a	NP	NaN	24	2.885	2.059	unknown	ShapiroWilk
Vanadium (ug/L)	MW-114AR	No	n/a	n/a	NP	NaN	22	2.329	1.956	ln(x)	ShapiroWilk
Vanadium (ug/L)	MW-120AR (bg)	n/a	n/a	n/a	NP	NaN	24	3.156	2.063	unknown	ShapiroWilk
Vanadium (ug/L)	P-105B	n/a	n/a	n/a	NP	NaN	22	2.989	2.076	unknown	ShapiroWilk
Vanadium (ug/L)	MW-504A (bg)	No	n/a	n/a	NP	NaN	6	3.371	2.05	normal	ShapiroWilk

Outlier Analysis

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 11:28 AM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Vanadium (ug/L)	P-108B	n/a	n/a	n/a	NP	NaN	22	2.989	2.076	unknown	ShapiroWilk
Vanadium (ug/L)	MW-403A	No	n/a	n/a	NP	NaN	22	2.46	1.985	ln(x)	ShapiroWilk
Vanadium (ug/L)	P-114BR	n/a	n/a	n/a	NP	NaN	22	2.69	2.042	unknown	ShapiroWilk
Vanadium (ug/L)	MW-204A	n/a	n/a	n/a	NP	NaN	24	2.698	2.029	unknown	ShapiroWilk
Vanadium (ug/L)	P-120B (bg)	n/a	n/a	n/a	NP	NaN	22	2.989	2.076	unknown	ShapiroWilk
Vanadium (ug/L)	MW-137A	n/a	n/a	n/a	NP	NaN	23	2.454	1.987	unknown	ShapiroWilk
Vanadium (ug/L)	MW-202A	No	n/a	n/a	NP	NaN	24	2.715	2.018	ln(x)	ShapiroWilk
Vanadium (ug/L)	MW-401A	n/a	n/a	n/a	NP	NaN	23	2.742	1.986	unknown	ShapiroWilk
Vanadium (ug/L)	MW-402A	n/a	n/a	n/a	NP	NaN	22	2.691	1.943	unknown	ShapiroWilk
Vanadium (ug/L)	OW-306AR	No	n/a	n/a	NP	NaN	15	3.006	1.5	sqrt(x)	ShapiroWilk
Vanadium (ug/L)	MW-109ARR	n/a	n/a	n/a	NP	NaN	22	2.688	2.044	unknown	ShapiroWilk
Vanadium (ug/L)	MW-502A	n/a	n/a	n/a	NP	NaN	21	2.766	2.001	unknown	ShapiroWilk
Vanadium (ug/L)	MW-404A	No	n/a	n/a	NP	NaN	22	2.148	1.861	ln(x)	ShapiroWilk
Vanadium (ug/L)	P-504B (bg)	n/a	n/a	n/a	NP	NaN	15	2.444	1.918	unknown	ShapiroWilk
Vanadium (ug/L)	P-503B (bg)	n/a	n/a	n/a	NP	NaN	20	2.913	2.042	unknown	ShapiroWilk
Vanadium (ug/L)	MW-108AR	n/a	n/a	n/a	NP	NaN	19	3.074	2.074	unknown	ShapiroWilk
Vanadium (ug/L)	MW-505A (bg)	n/a	n/a	n/a	NP	NaN	18	2.8	2.043	unknown	ShapiroWilk
Vanadium (ug/L)	MW-501A	n/a	n/a	n/a	NP	NaN	21	2.798	1.97	unknown	ShapiroWilk
Vanadium (ug/L)	MW-605	n/a	n/a	n/a	NP	NaN	15	2.96	1.981	unknown	ShapiroWilk
Vanadium (ug/L)	MW-604	n/a	n/a	n/a	NP	NaN	15	2.96	1.981	unknown	ShapiroWilk
Zinc (ug/L)	MW-102A	No	n/a	n/a	NP	NaN	22	13.46	5.774	ln(x)	ShapiroWilk
Zinc (ug/L)	OW-301A	n/a	n/a	n/a	NP	NaN	19	14.51	5.526	unknown	ShapiroWilk
Zinc (ug/L)	MW-201A	n/a	n/a	n/a	NP	NaN	24	14.83	7.81	unknown	ShapiroWilk
Zinc (ug/L)	MW-103A	n/a	n/a	n/a	NP	NaN	24	14	5.818	unknown	ShapiroWilk
Zinc (ug/L)	MW-114AR	No	n/a	n/a	NP	NaN	22	13.5	5.719	ln(x)	ShapiroWilk
Zinc (ug/L)	MW-120AR (bg)	No	n/a	n/a	NP	NaN	24	15.38	7.438	x^(1/3)	ShapiroWilk
Zinc (ug/L)	P-105B	n/a	n/a	n/a	NP	NaN	22	96.11	385.1	unknown	ShapiroWilk
Zinc (ug/L)	MW-504A (bg)	n/a	n/a	n/a	NP	NaN	6	15.83	4.916	unknown	ShapiroWilk
Zinc (ug/L)	P-108B	No	n/a	n/a	NP	NaN	22	13.05	5.782	ln(x)	ShapiroWilk
Zinc (ug/L)	MW-403A	No	n/a	n/a	NP	NaN	22	13.07	5.597	ln(x)	ShapiroWilk
Zinc (ug/L)	P-114BR	No	n/a	n/a	NP	NaN	22	13.46	5.765	ln(x)	ShapiroWilk
Zinc (ug/L)	MW-204A	n/a	n/a	n/a	NP	NaN	24	72.48	287.1	unknown	ShapiroWilk
Zinc (ug/L)	P-120B (bg)	n/a	n/a	n/a	NP	NaN	22	14.19	5.294	unknown	ShapiroWilk
Zinc (ug/L)	MW-137A	No	n/a	n/a	NP	NaN	23	12.46	5.47	ln(x)	ShapiroWilk
Zinc (ug/L)	MW-202A	No	n/a	n/a	NP	NaN	24	14.71	7.912	ln(x)	ShapiroWilk
Zinc (ug/L)	MW-401A	n/a	n/a	n/a	NP	NaN	23	13.25	5.794	unknown	ShapiroWilk
Zinc (ug/L)	MW-402A	No	n/a	n/a	NP	NaN	22	13.46	5.774	ln(x)	ShapiroWilk
Zinc (ug/L)	OW-306AR	No	n/a	n/a	NP	NaN	15	17.15	5.714	ln(x)	ShapiroWilk
Zinc (ug/L)	MW-109ARR	No	n/a	n/a	NP	NaN	22	12.77	5.406	ln(x)	ShapiroWilk
Zinc (ug/L)	MW-502A	No	n/a	n/a	NP	NaN	21	13.91	5.581	ln(x)	ShapiroWilk
Zinc (ug/L)	MW-404A	No	n/a	n/a	NP	NaN	22	13.08	5.614	ln(x)	ShapiroWilk
Zinc (ug/L)	P-504B (bg)	n/a	n/a	n/a	NP	NaN	15	11.2	4.924	unknown	ShapiroWilk
Zinc (ug/L)	P-503B (bg)	n/a	n/a	n/a	NP	NaN	20	14.62	5.375	unknown	ShapiroWilk
Zinc (ug/L)	MW-108AR	No	n/a	n/a	NP	NaN	19	14.15	5.966	ln(x)	ShapiroWilk
Zinc (ug/L)	MW-505A (bg)	n/a	n/a	n/a	NP	NaN	18	12.9	5.387	unknown	ShapiroWilk
Zinc (ug/L)	MW-501A	n/a	n/a	n/a	NP	NaN	21	13.34	5.542	unknown	ShapiroWilk
Zinc (ug/L)	MW-605	n/a	n/a	n/a	NP	NaN	15	14.35	5.68	unknown	ShapiroWilk
Zinc (ug/L)	MW-604	n/a	n/a	n/a	NP	NaN	15	14.35	5.68	unknown	ShapiroWilk

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Monitoring Wells – Appendix I Metals

Outlier Analysis Summary

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Outlier Summary - Appendix I Metals

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 12:13 PM

	MW-102A Antimony (ug/L)	MW-103A Antimony (ug/L)	MW-114AR Antimony (ug/L)	MW-120AR Antimony (ug/L)	P-105B Antimony (ug/L)	P-108B Antimony (ug/L)	MW-403A Antimony (ug/L)	P-114BR Antimony (ug/L)	MW-204A Antimony (ug/L)	P-120B Antimony (ug/L)
11/20/2014										
11/25/2014										
12/2/2014										
12/5/2014										
6/8/2015										
6/10/2015										
11/3/2015	0.237 (Jo)									
11/4/2015										
11/5/2015										
12/3/2015										
3/3/2016										
3/4/2016										
5/23/2016										
6/14/2016										
6/17/2016										
10/25/2016										
10/27/2016										
11/7/2016										
4/21/2017										
10/18/2017										
10/8/2018	<3 (o)			<3 (o)			<3 (o)			<3 (o)
10/9/2018					<3 (o)				<3 (o)	
10/10/2018		<3 (o)						<3 (o)		
10/11/2018			<3 (o)			<3 (o)				
1/16/2019										
4/2/2019										
4/3/2019										
4/4/2019										
11/4/2019										
11/7/2019										
4/14/2020										
7/14/2020										
10/19/2020										
1/19/2021										
1/20/2021										
4/12/2021										
4/13/2021										
6/10/2021										
10/3/2021										
10/4/2021										
10/5/2021										
10/10/2022										
10/11/2022										
4/17/2023										
10/10/2023										
4/8/2024										
4/9/2024										
9/18/2024										

Outlier Summary - Appendix I Metals

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 12:13 PM

	MW-137A Antimony (ug/L)	MW-202A Antimony (ug/L)	MW-401A Antimony (ug/L)	MW-402A Antimony (ug/L)	OW-306AR Antimony (ug/L)	MW-109ARR Antimony (ug/L)	MW-502A Antimony (ug/L)	MW-404A Antimony (ug/L)	P-503B Antimony (ug/L)	MW-505A Antimony (ug/L)
11/20/2014										
11/25/2014										
12/2/2014										
12/5/2014										
6/8/2015										
6/10/2015										
11/3/2015										
11/4/2015										
11/5/2015										
12/3/2015										
3/3/2016										
3/4/2016										
5/23/2016										
6/14/2016										
6/17/2016										
10/25/2016										
10/27/2016										
11/7/2016										
4/21/2017										
10/18/2017										
10/8/2018							<3 (o)	<3 (o)	<3 (o)	
10/9/2018						<3 (o)				
10/10/2018	<3 (o)	<3 (o)	<3 (o)	<3 (o)						
10/11/2018					<3 (o)					
1/16/2019										
4/2/2019										
4/3/2019										
4/4/2019										
11/4/2019										
11/7/2019										
4/14/2020										
7/14/2020										
10/19/2020										
1/19/2021										
1/20/2021										
4/12/2021									<2 (o)	<2 (o)
4/13/2021										
6/10/2021										
10/3/2021										
10/4/2021		<4.4 (o)								
10/5/2021										
10/10/2022										
10/11/2022										
4/17/2023										
10/10/2023										
4/8/2024										
4/9/2024										
9/18/2024										

Outlier Summary - Appendix I Metals

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 12:13 PM

	MW-501A Antimony (ug/L)	MW-605 Antimony (ug/L)	MW-604 Antimony (ug/L)	OW-301A Arsenic (ug/L)	MW-201A Arsenic (ug/L)	P-114BR Arsenic (ug/L)	MW-204A Arsenic (ug/L)	MW-137A Arsenic (ug/L)	MW-202A Arsenic (ug/L)	OW-301A Barium (ug/L)
11/20/2014										
11/25/2014										
12/2/2014										
12/5/2014										
6/8/2015										
6/10/2015										
11/3/2015										
11/4/2015										
11/5/2015										
12/3/2015										
3/3/2016										
3/4/2016										
5/23/2016										
6/14/2016										
6/17/2016										
10/25/2016										
10/27/2016							3.43 (o)			
11/7/2016										
4/21/2017										
10/18/2017										
10/8/2018	<3 (o)									
10/9/2018										
10/10/2018						0.702 (Jo)				
10/11/2018										
1/16/2019										
4/2/2019					0.849 (Jo)					
4/3/2019										
4/4/2019							1.83 (JBo)			
11/4/2019										
11/7/2019					1.23 (Jo)					
4/14/2020										
7/14/2020										
10/19/2020										
1/19/2021										
1/20/2021							5.43 (o)			
4/12/2021										
4/13/2021		<2 (o)	<2 (o)					4.99 (o)		
6/10/2021								3.93 (o)		
10/3/2021										
10/4/2021					<3 (^+o)				15 (o)	
10/5/2021								3.2 (o)		
10/10/2022									11.6 (o)	
10/11/2022										
4/17/2023										
10/10/2023										
4/8/2024										
4/9/2024										
9/18/2024				27.1 (o)						1000 (o)

Outlier Summary - Appendix I Metals

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 12:13 PM

	MW-103A Barium (ug/L)	P-105B Barium (ug/L)	MW-137A Barium (ug/L)	MW-108AR Barium (ug/L)	OW-301A Cadmium (ug/L)	MW-201A Cadmium (ug/L)	MW-204A Cadmium (ug/L)	MW-605 Cadmium (ug/L)	MW-604 Cadmium (ug/L)	MW-120AR Chromium (ug/L)
11/20/2014										
11/25/2014										
12/2/2014							0.469 (Jo)			
12/5/2014	593 (o)									
6/8/2015				106 (o)						
6/10/2015										
11/3/2015										
11/4/2015		10.7 (o)								
11/5/2015										
12/3/2015										
3/3/2016										
3/4/2016										
5/23/2016				110 (o)						
6/14/2016										43.3 (o)
6/17/2016										
10/25/2016										
10/27/2016										
11/7/2016										
4/21/2017										
10/18/2017										
10/8/2018										
10/9/2018							<0.5 (o)			
10/10/2018						<0.5 (o)				
10/11/2018					<0.5 (o)					
1/16/2019										
4/2/2019										
4/3/2019					<0.5 (o)			<0.5 (o)	<0.5 (o)	
4/4/2019										
11/4/2019										
11/7/2019										
4/14/2020										
7/14/2020										
10/19/2020										
1/19/2021	196 (o)									
1/20/2021							2.67 (o)			
4/12/2021										
4/13/2021			453 (o)							
6/10/2021			410 (o)							
10/3/2021										
10/4/2021						<0.204 (o)				
10/5/2021			338 (o)							
10/10/2022										
10/11/2022										
4/17/2023										
10/10/2023										
4/8/2024										
4/9/2024										
9/18/2024										

Outlier Summary - Appendix I Metals

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 12:13 PM

	MW-504A Cobalt (ug/L)	MW-204A Cobalt (ug/L)	P-503B Cobalt (ug/L)	MW-204A Copper (ug/L)	MW-103A Lead (ug/L)	MW-403A Lead (ug/L)	MW-204A Lead (ug/L)	OW-306AR Lead (ug/L)	MW-109ARR Lead (ug/L)	P-503B Lead (ug/L)
11/20/2014										
11/25/2014										
12/2/2014										
12/5/2014										
6/8/2015										
6/10/2015										
11/3/2015										
11/4/2015										
11/5/2015										
12/3/2015										
3/3/2016										
3/4/2016			6.07 (o)							
5/23/2016										
6/14/2016										
6/17/2016						1.31 (o)				
10/25/2016					0.222 (Jo)					
10/27/2016										
11/7/2016										
4/21/2017										
10/18/2017										
10/8/2018										
10/9/2018				2.79 (Bo)						
10/10/2018										
10/11/2018										
1/16/2019								2.31 (o)		
4/2/2019										
4/3/2019										
4/4/2019										
11/4/2019									2.25 (o)	
11/7/2019										
4/14/2020										
7/14/2020					0.169 (Jo)					
10/19/2020										
1/19/2021										
1/20/2021		5.74 (o)		5.21 (o)			4.75 (o)			
4/12/2021										
4/13/2021										
6/10/2021										
10/3/2021	12.8 (o)									
10/4/2021								6.94 (o)		
10/5/2021										
10/10/2022										
10/11/2022										
4/17/2023										
10/10/2023										
4/8/2024										1.85 (o)
4/9/2024										
9/18/2024										

Outlier Summary - Appendix I Metals

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 12:13 PM

	MW-505A Lead (ug/L)	OW-301A Nickel (ug/L)	MW-201A Nickel (ug/L)	MW-120AR Nickel (ug/L)	MW-504A Nickel (ug/L)	P-114BR Nickel (ug/L)	MW-137A Nickel (ug/L)	MW-202A Nickel (ug/L)	MW-109ARR Nickel (ug/L)	P-503B Nickel (ug/L)
11/20/2014						0.987 (Jo)				
11/25/2014			<0.581 (o)							
12/2/2014										
12/5/2014										
6/8/2015										
6/10/2015						0.882 (Jo)				
11/3/2015										
11/4/2015										
11/5/2015		10.3 (o)								
12/3/2015	<0.0967 (o)									
3/3/2016										
3/4/2016										10.7 (o)
5/23/2016										
6/14/2016										
6/17/2016										
10/25/2016										
10/27/2016										
11/7/2016										
4/21/2017								22.1 (o)		
10/18/2017										
10/8/2018										
10/9/2018										
10/10/2018						0.842 (Jo)				
10/11/2018										
1/16/2019										
4/2/2019										
4/3/2019										
4/4/2019										
11/4/2019										
11/7/2019										
4/14/2020										
7/14/2020										
10/19/2020				21 (o)						
1/19/2021										
1/20/2021										
4/12/2021										
4/13/2021							39.2 (o)			
6/10/2021							9.75 (o)			
10/3/2021					8.58 (o)				7.75 (o)	
10/4/2021										
10/5/2021							17.1 (o)			
10/10/2022										
10/11/2022							9.77 (o)			
4/17/2023										
10/10/2023										
4/8/2024										
4/9/2024									6.12 (o)	
9/18/2024										

Outlier Summary - Appendix I Metals

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 12:13 PM

	MW-108AR Nickel (ug/L)	MW-505A Nickel (ug/L)	MW-204A Thallium (ug/L)	MW-103A Total Suspended Solids (mg/L)	MW-114AR Total Suspended Solids (mg/L)	MW-120AR Total Suspended Solids (mg/L)	MW-504A Total Suspended Solids (mg/L)	P-108B Total Suspended Solids (mg/L)	MW-403A Total Suspended Solids (mg/L)	MW-204A Total Suspended Solids (mg/L)
11/20/2014										
11/25/2014										
12/2/2014										
12/5/2014										
6/8/2015										
6/10/2015										
11/3/2015										
11/4/2015										
11/5/2015										
12/3/2015										
3/3/2016										
3/4/2016										
5/23/2016										
6/14/2016										
6/17/2016										
10/25/2016										
10/27/2016										
11/7/2016		9.04 (o)								
4/21/2017										
10/18/2017					185 (o)					
10/8/2018										
10/9/2018										
10/10/2018										
10/11/2018										
1/16/2019										
4/2/2019										
4/3/2019										
4/4/2019										
11/4/2019										
11/7/2019										
4/14/2020										56 (o)
7/14/2020										
10/19/2020										
1/19/2021										
1/20/2021			11.5 (o)							
4/12/2021										
4/13/2021										
6/10/2021										
10/3/2021						247 (o)				57.6 (o)
10/4/2021										
10/5/2021								8.75 (Jo)		
10/10/2022				95.5 (o)						
10/11/2022										
4/17/2023							7.33 (o)			
10/10/2023					84.7 (o)		9.75 (o)			
4/8/2024										
4/9/2024										
9/18/2024	10 (o)									

Outlier Summary - Appendix I Metals

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 12:13 PM

	MW-402A Total Suspended Solids (mg/L)	OW-306AR Total Suspended Solids (mg/L)	MW-502A Total Suspended Solids (mg/L)	MW-604 Total Suspended Solids (mg/L)	P-105B Zinc (ug/L)	MW-204A Zinc (ug/L)
11/20/2014						
11/25/2014						
12/2/2014						
12/5/2014						
6/8/2015						
6/10/2015						
11/3/2015						
11/4/2015					1820 (o)	
11/5/2015						
12/3/2015						
3/3/2016			281 (o)			
3/4/2016						
5/23/2016						
6/14/2016						
6/17/2016						
10/25/2016						
10/27/2016						1420 (o)
11/7/2016						
4/21/2017						
10/18/2017						
10/8/2018						
10/9/2018						
10/10/2018						
10/11/2018						
1/16/2019						
4/2/2019						
4/3/2019						
4/4/2019						
11/4/2019						
11/7/2019						
4/14/2020						
7/14/2020						
10/19/2020						
1/19/2021				293 (o)		
1/20/2021						
4/12/2021						
4/13/2021	809 (o)					
6/10/2021						
10/3/2021						
10/4/2021		402 (o)				
10/5/2021						
10/10/2022						
10/11/2022						
4/17/2023						
10/10/2023						
4/8/2024						
4/9/2024						
9/18/2024						

Monitoring Wells – Appendix I Metals

Time Series

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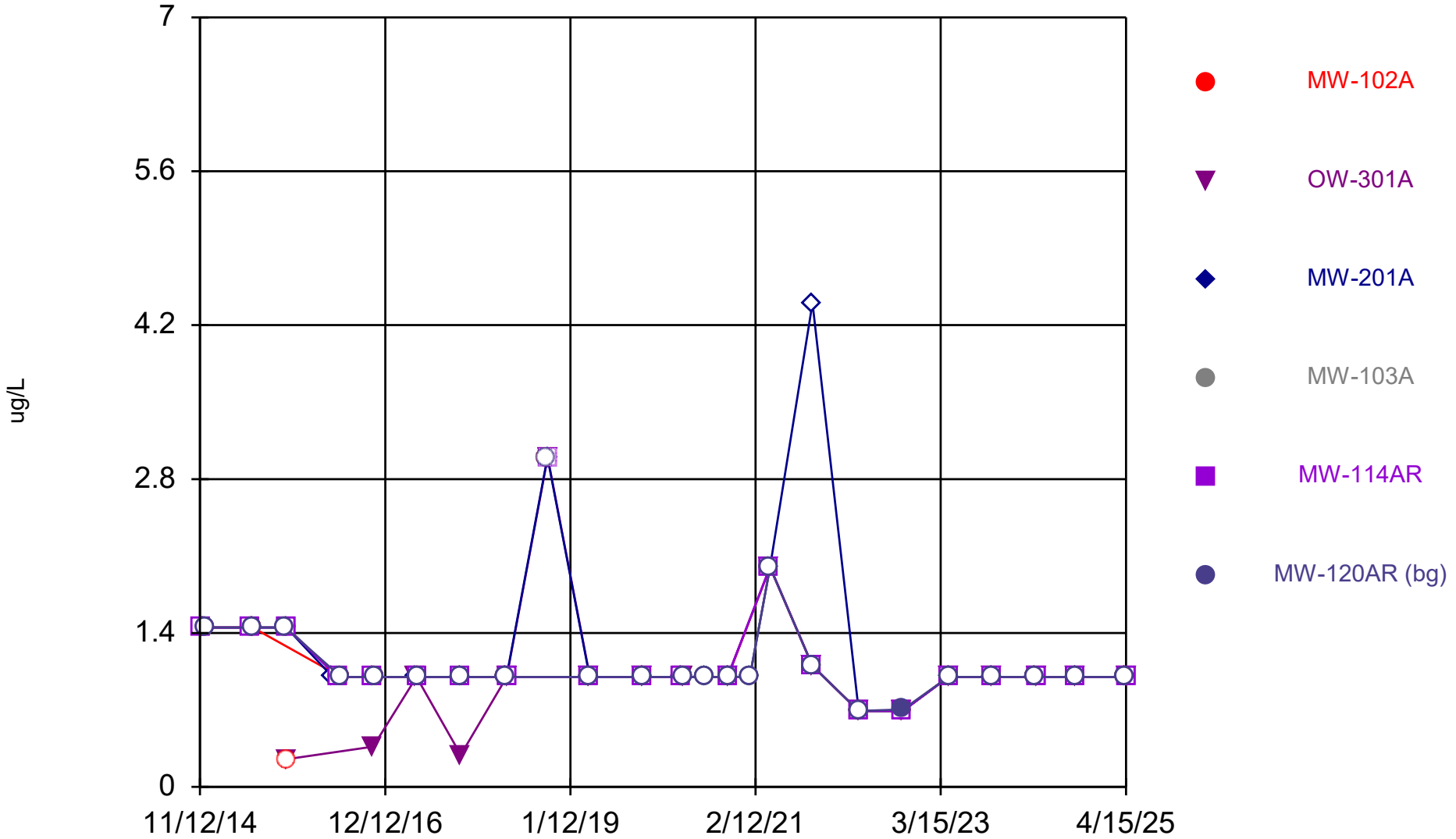
Hollow symbols indicate censored values.

Time Series



Constituent: Antimony Analysis Run 6/12/2025 12:14 PM View: All Wells - Appendix I Metals DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

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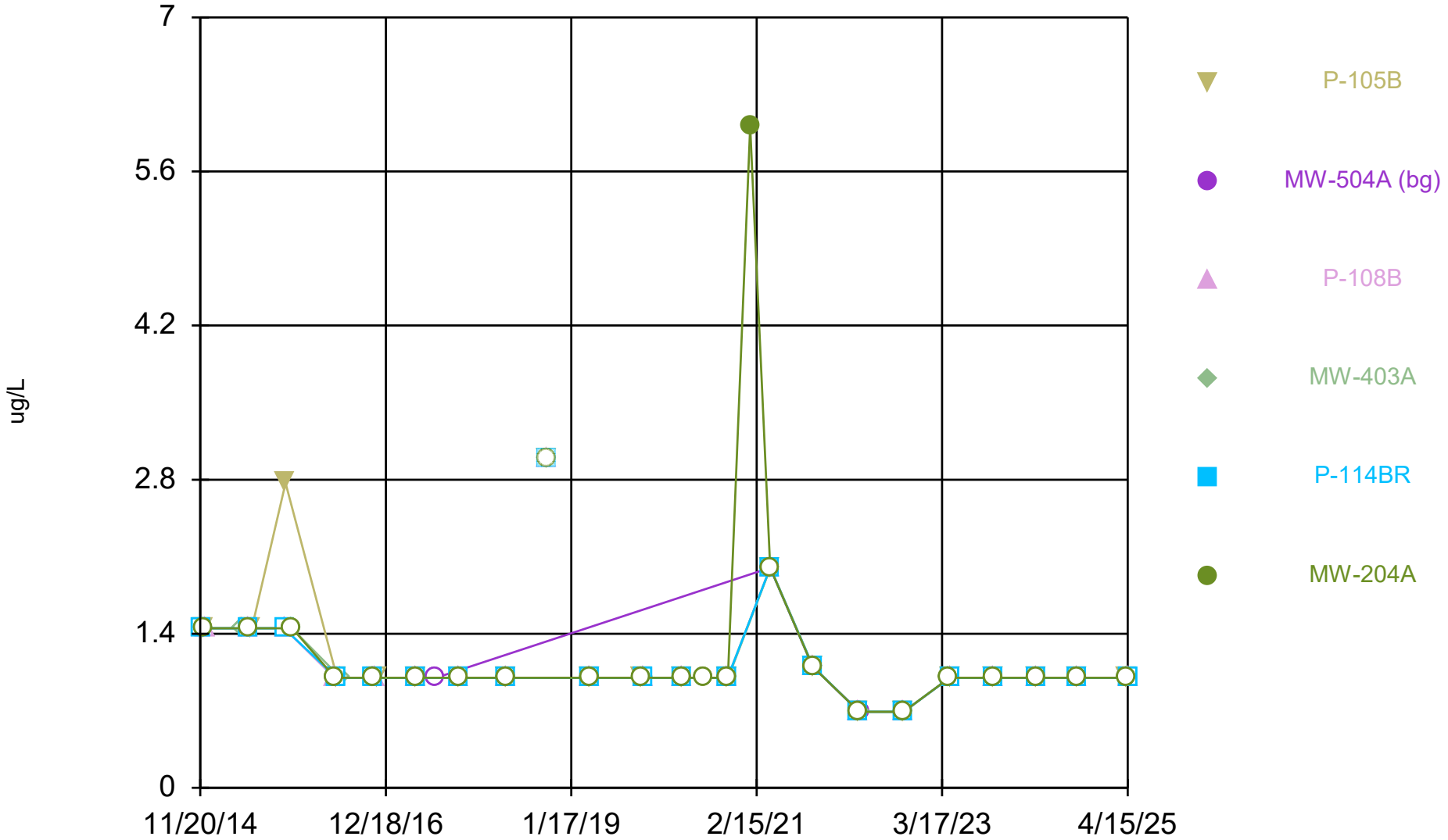

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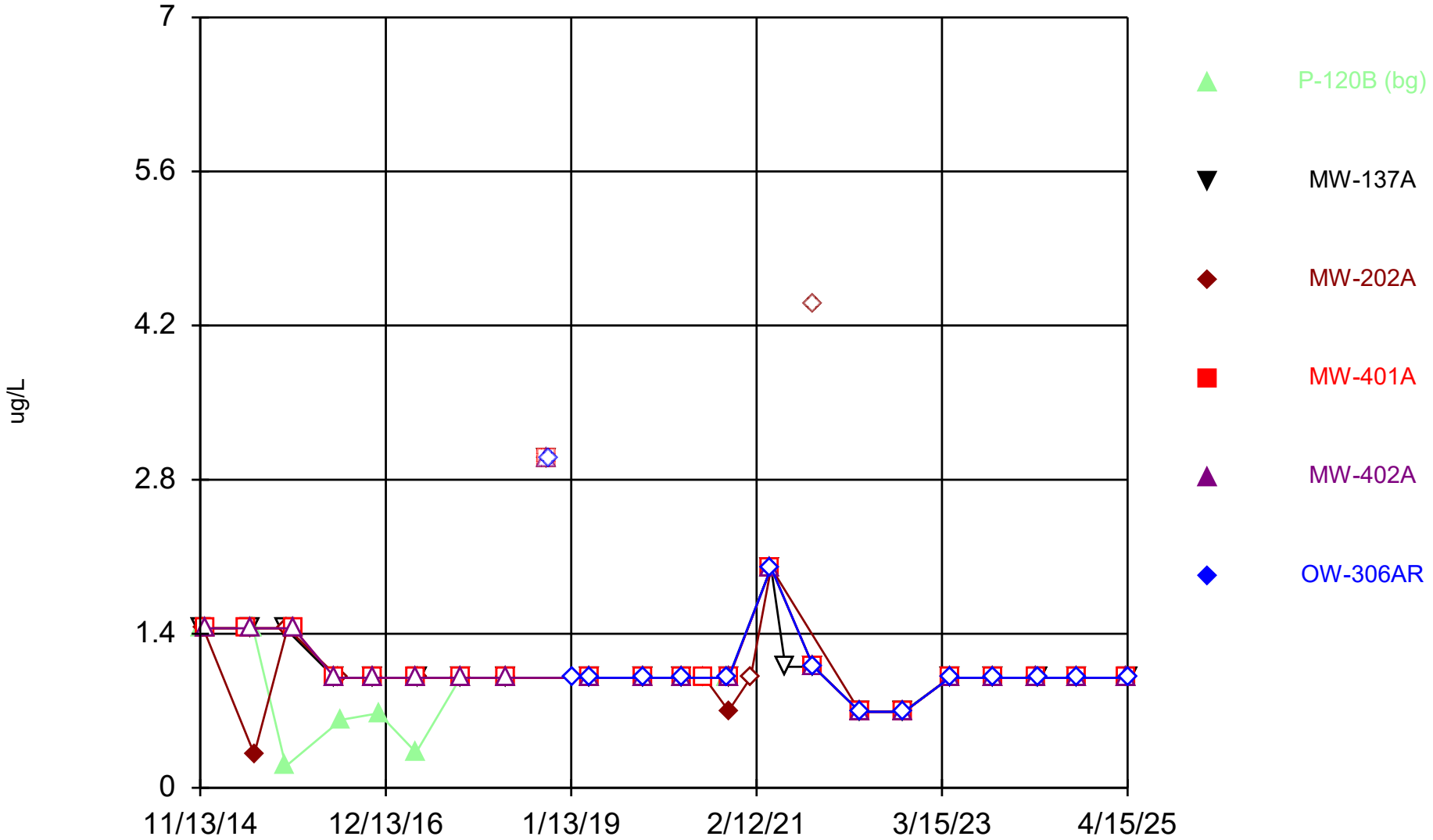

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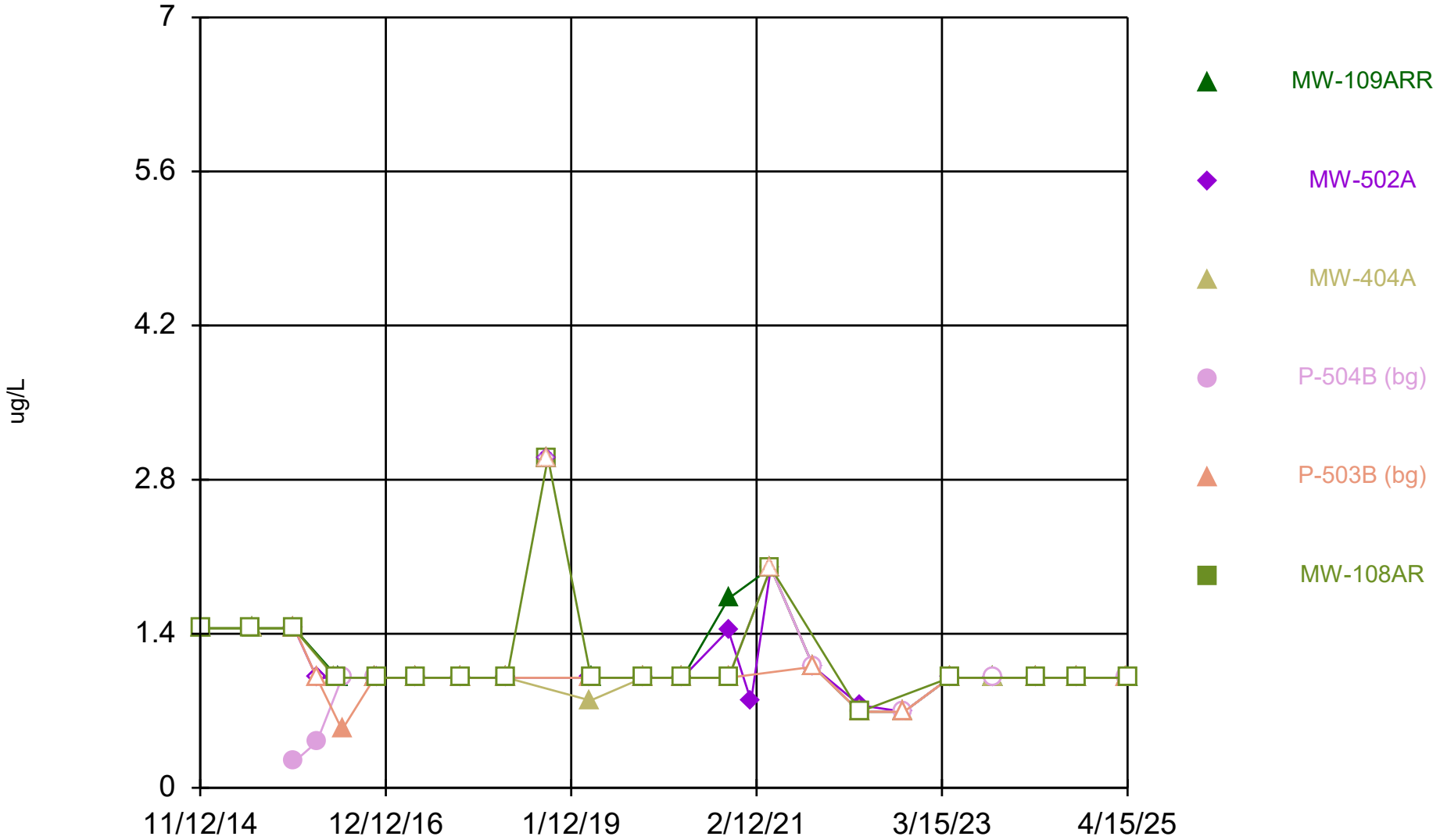

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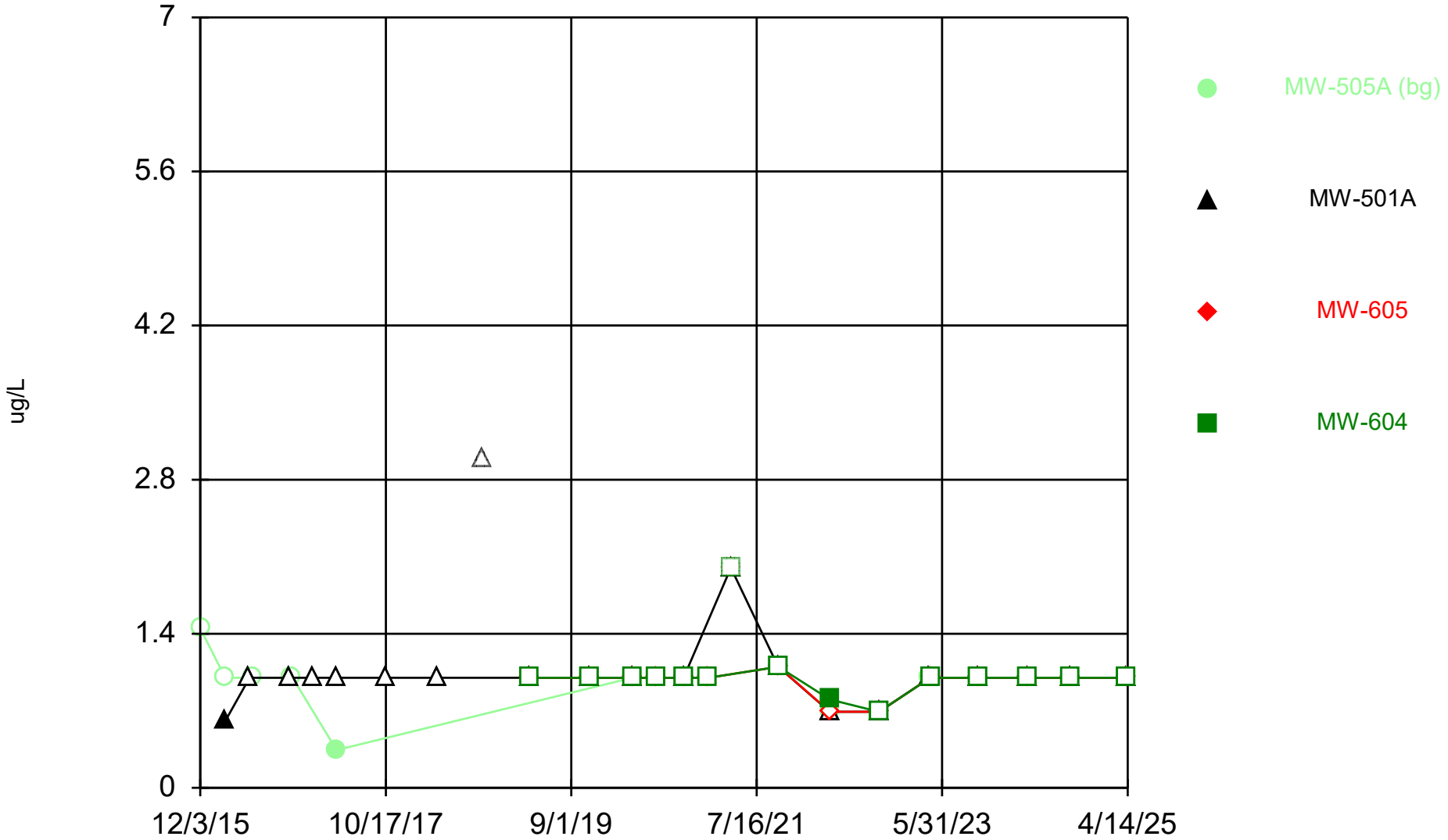

Constituent: Antimony Analysis Run 6/12/2025 12:14 PM View: All Wells - Appendix I Metals DMASWA Data: DMASWA Database_Updated

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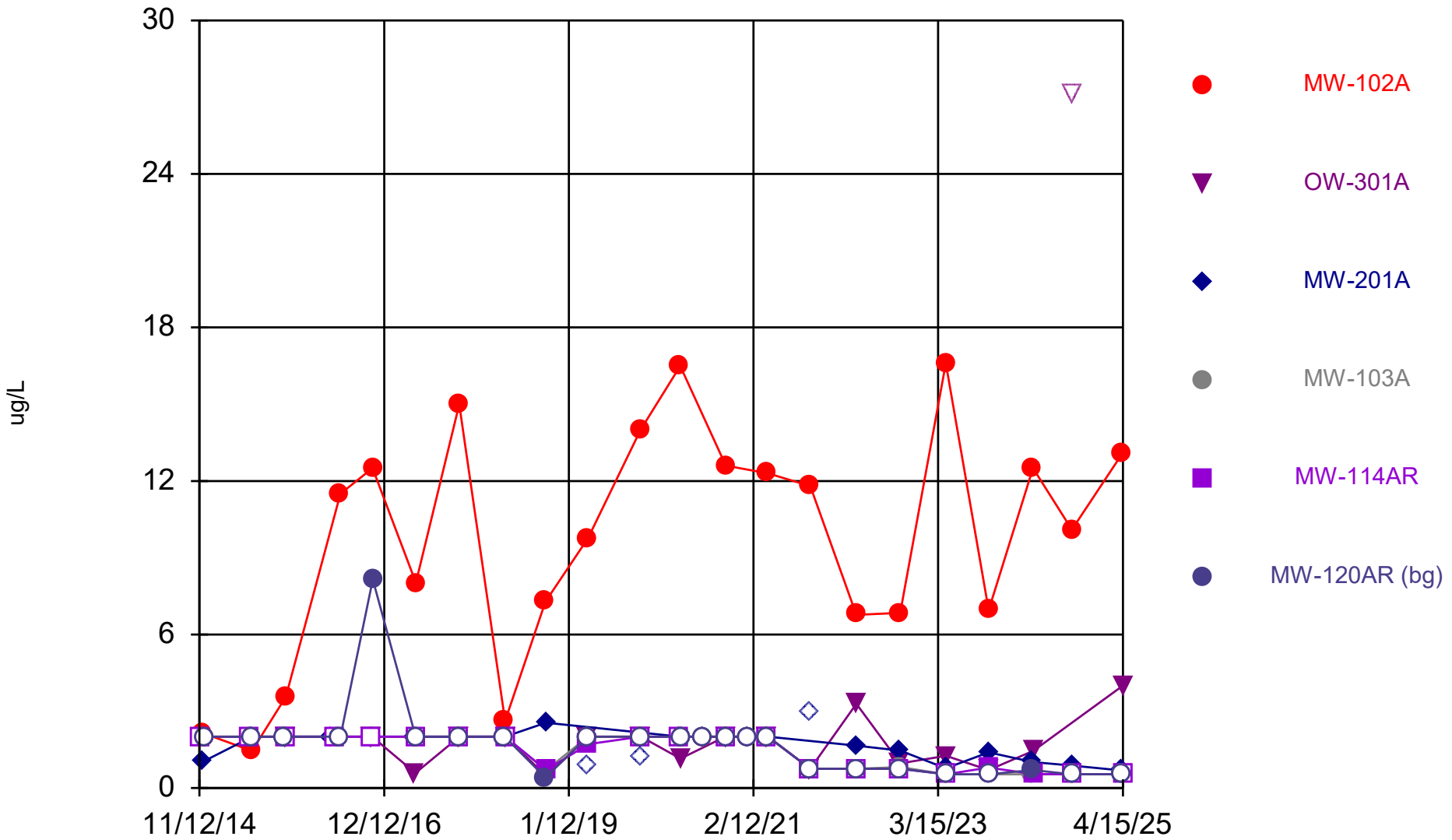
Time Series



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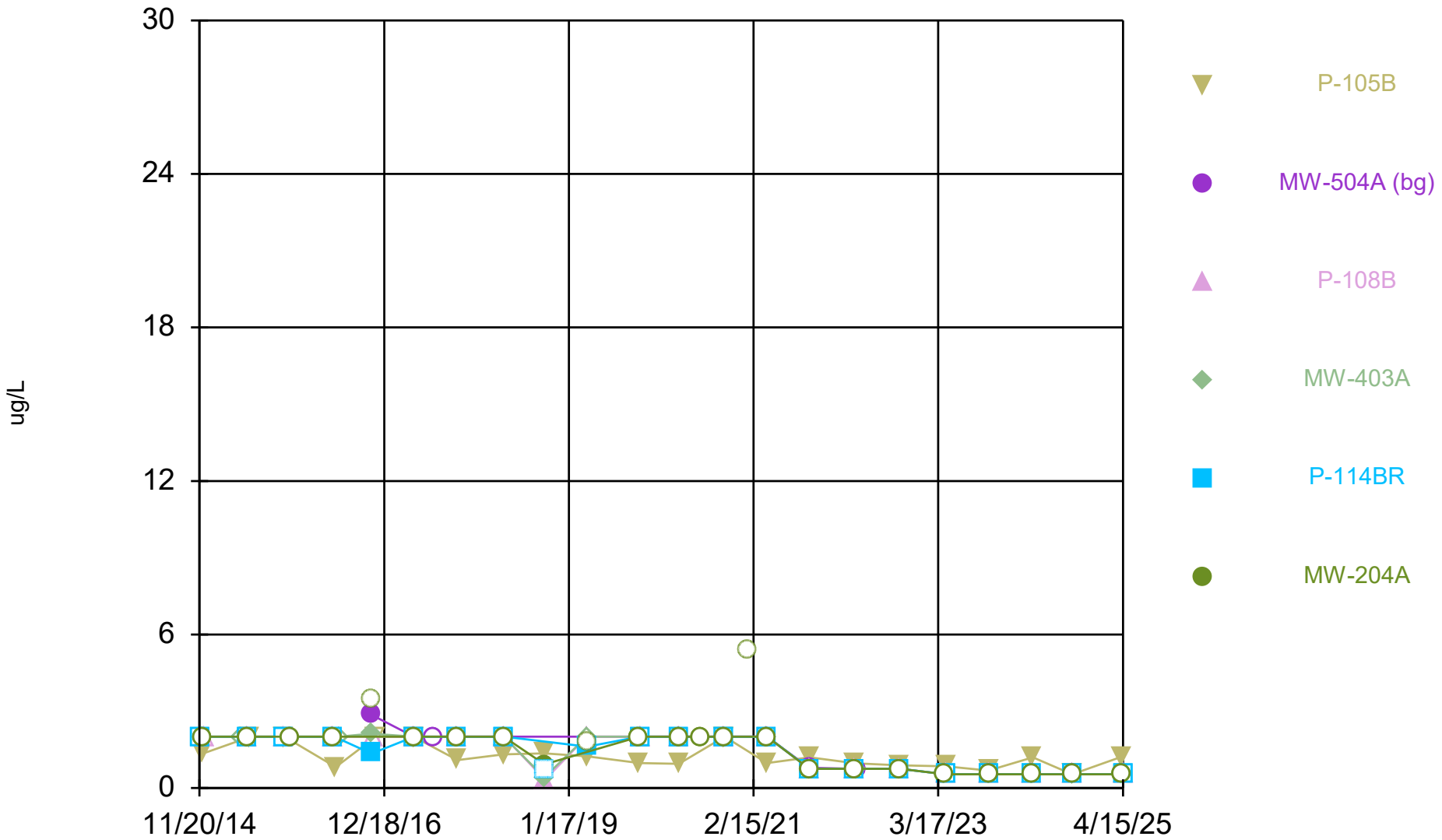

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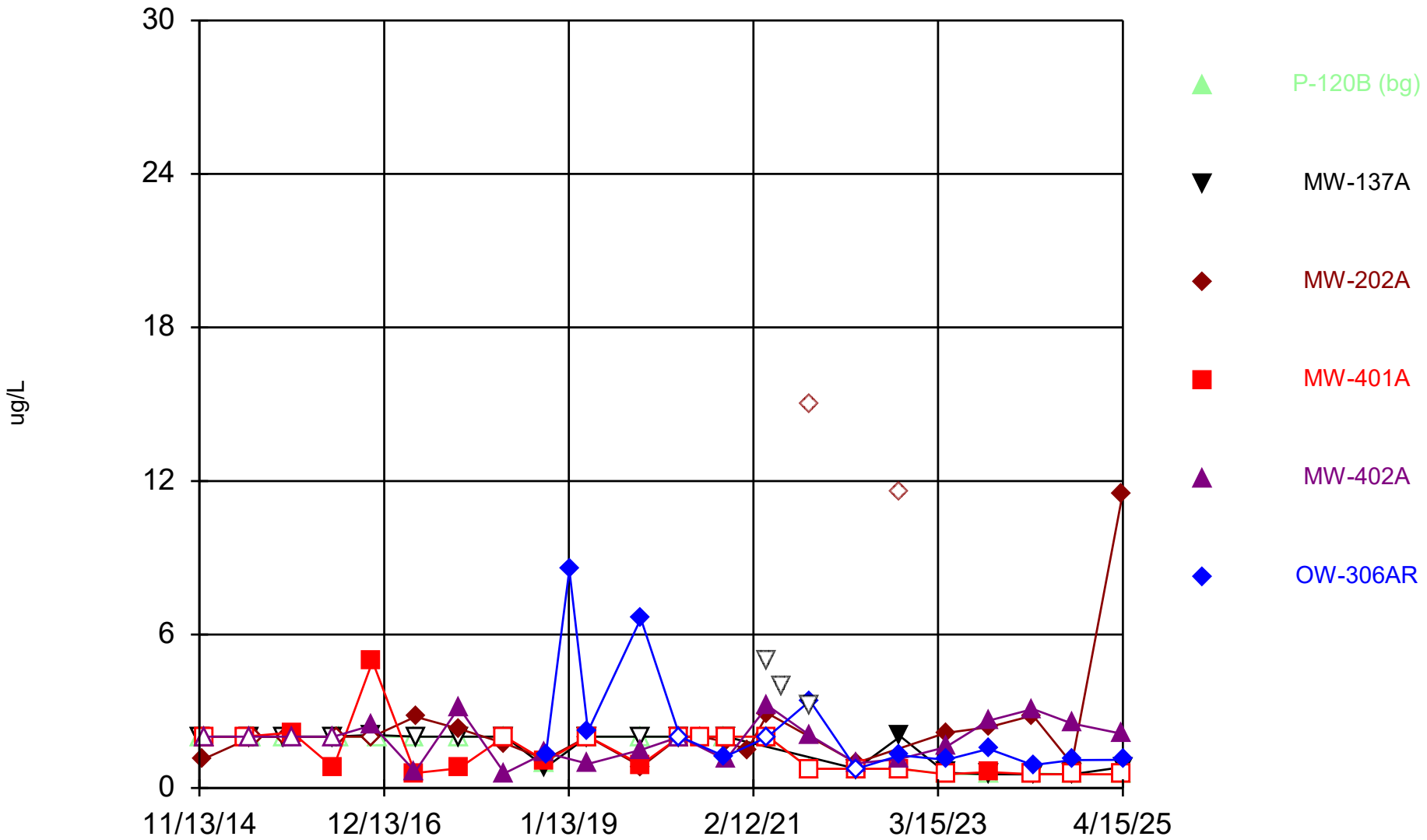

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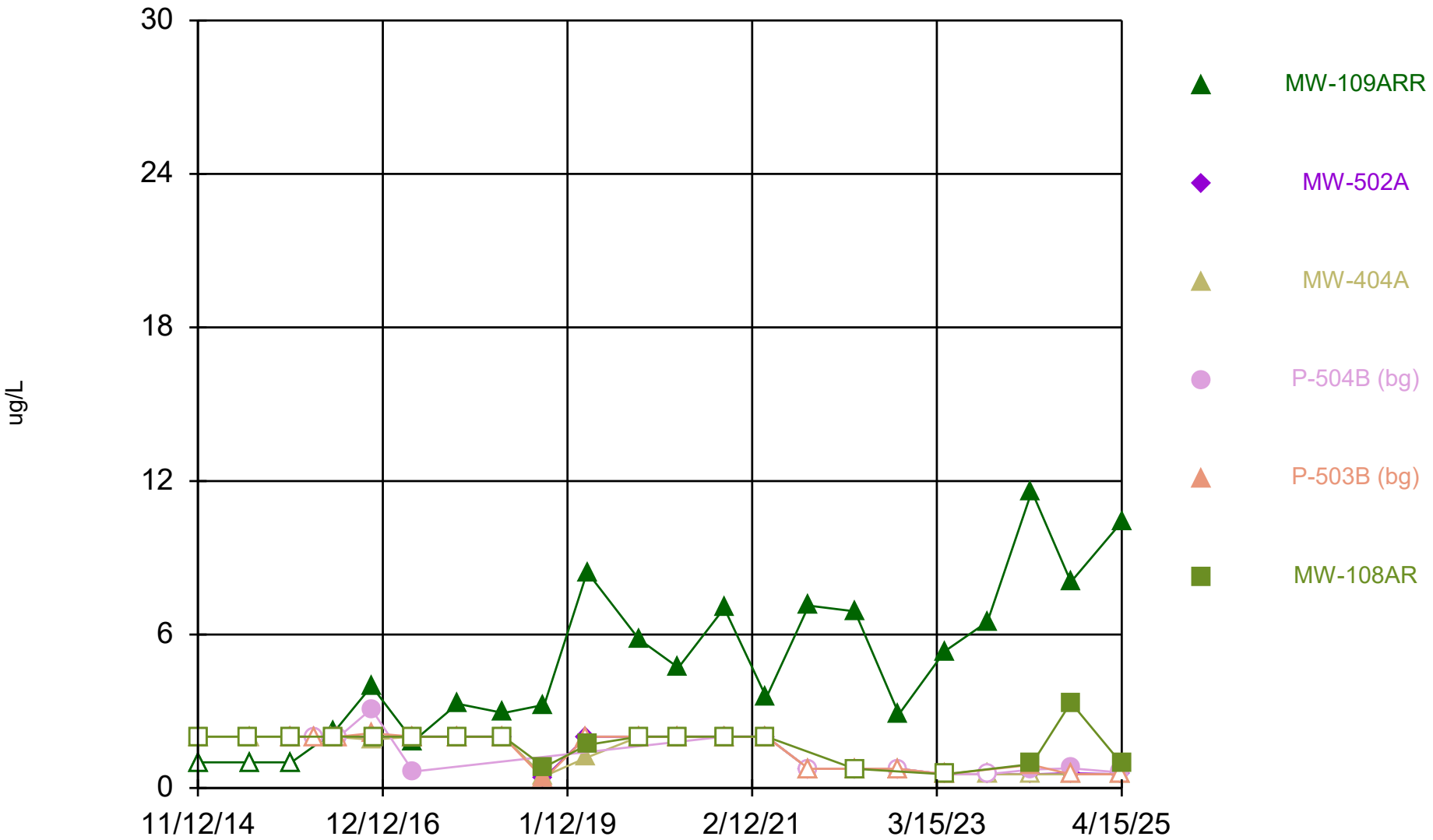

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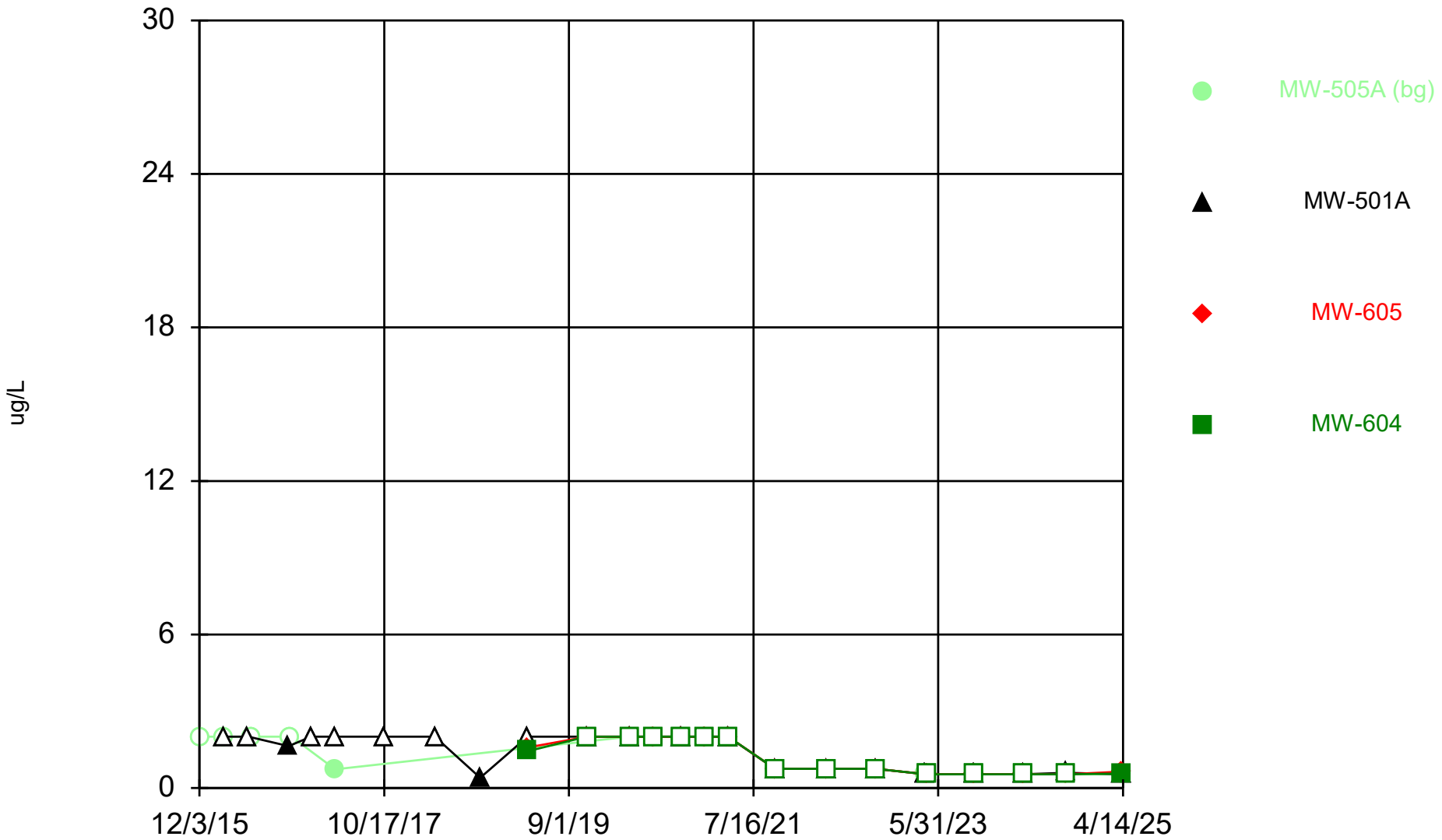

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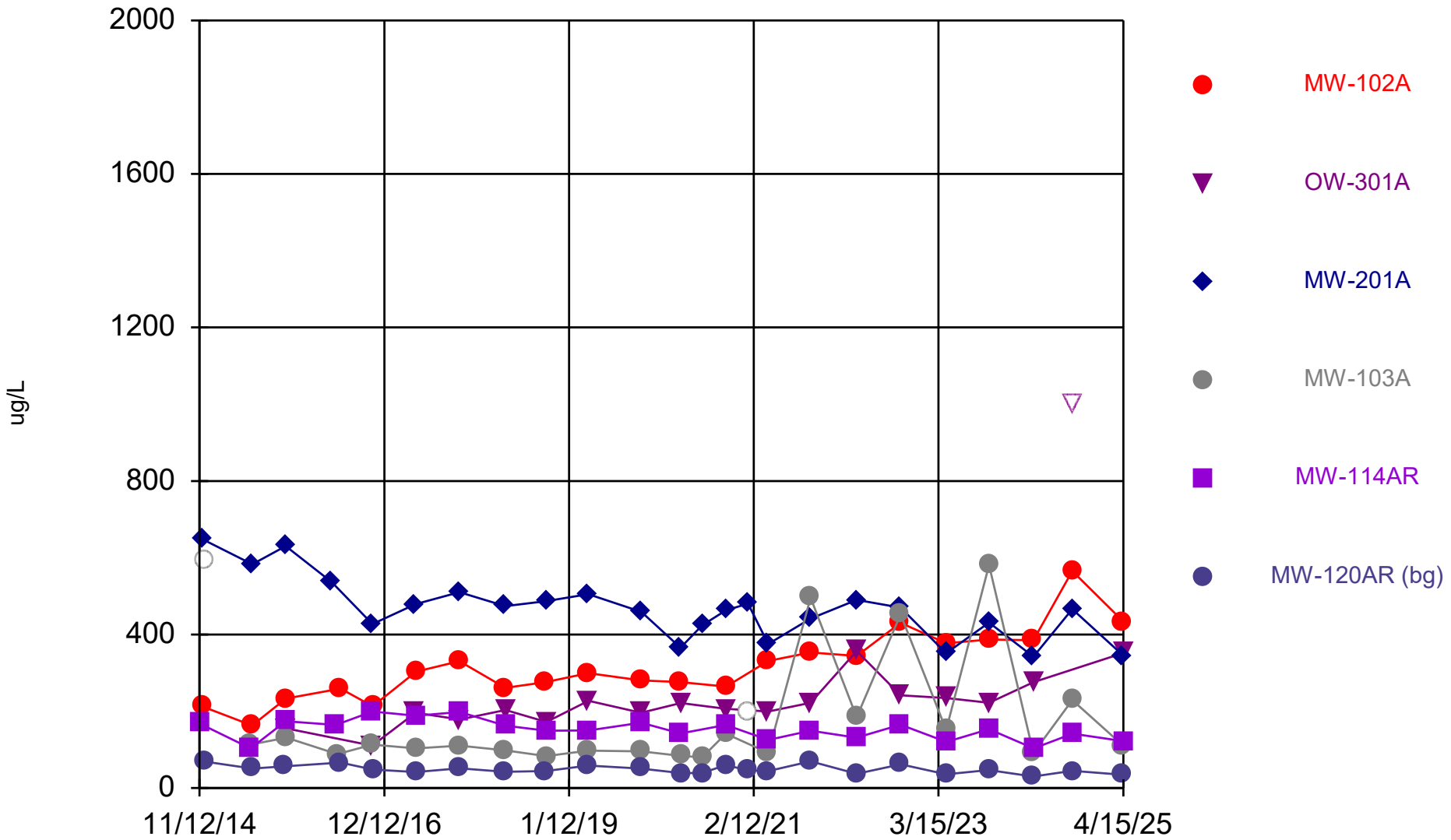

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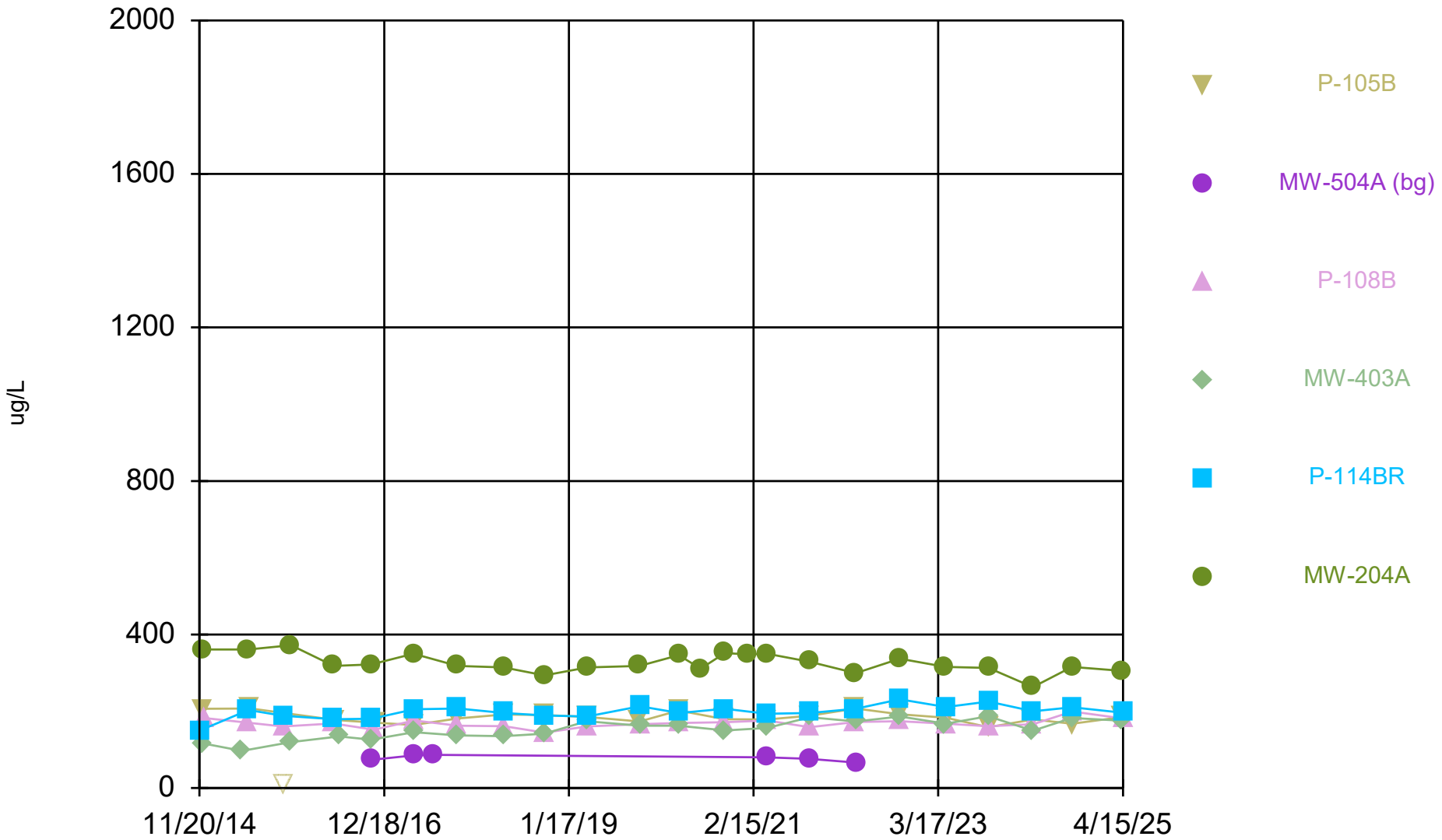

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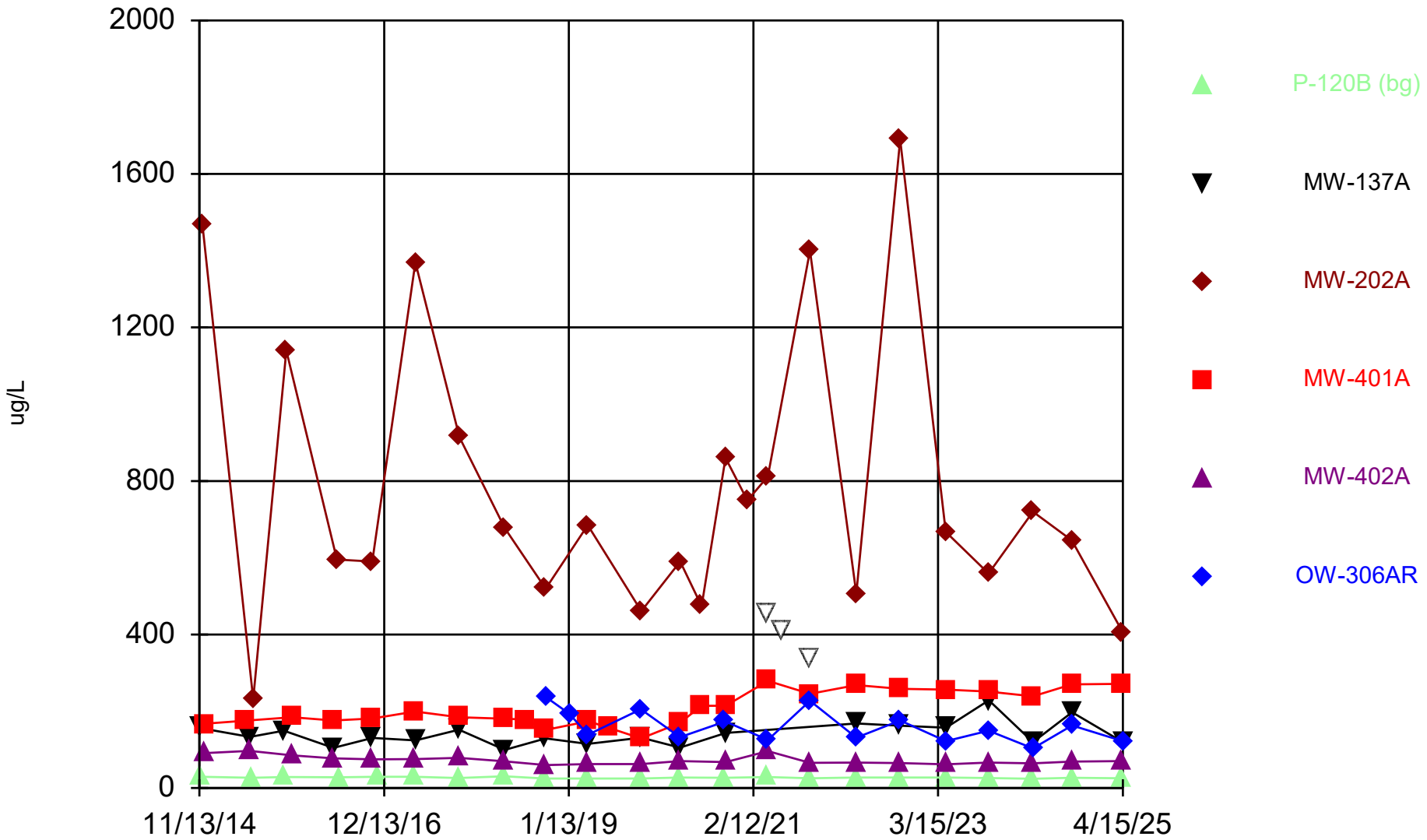

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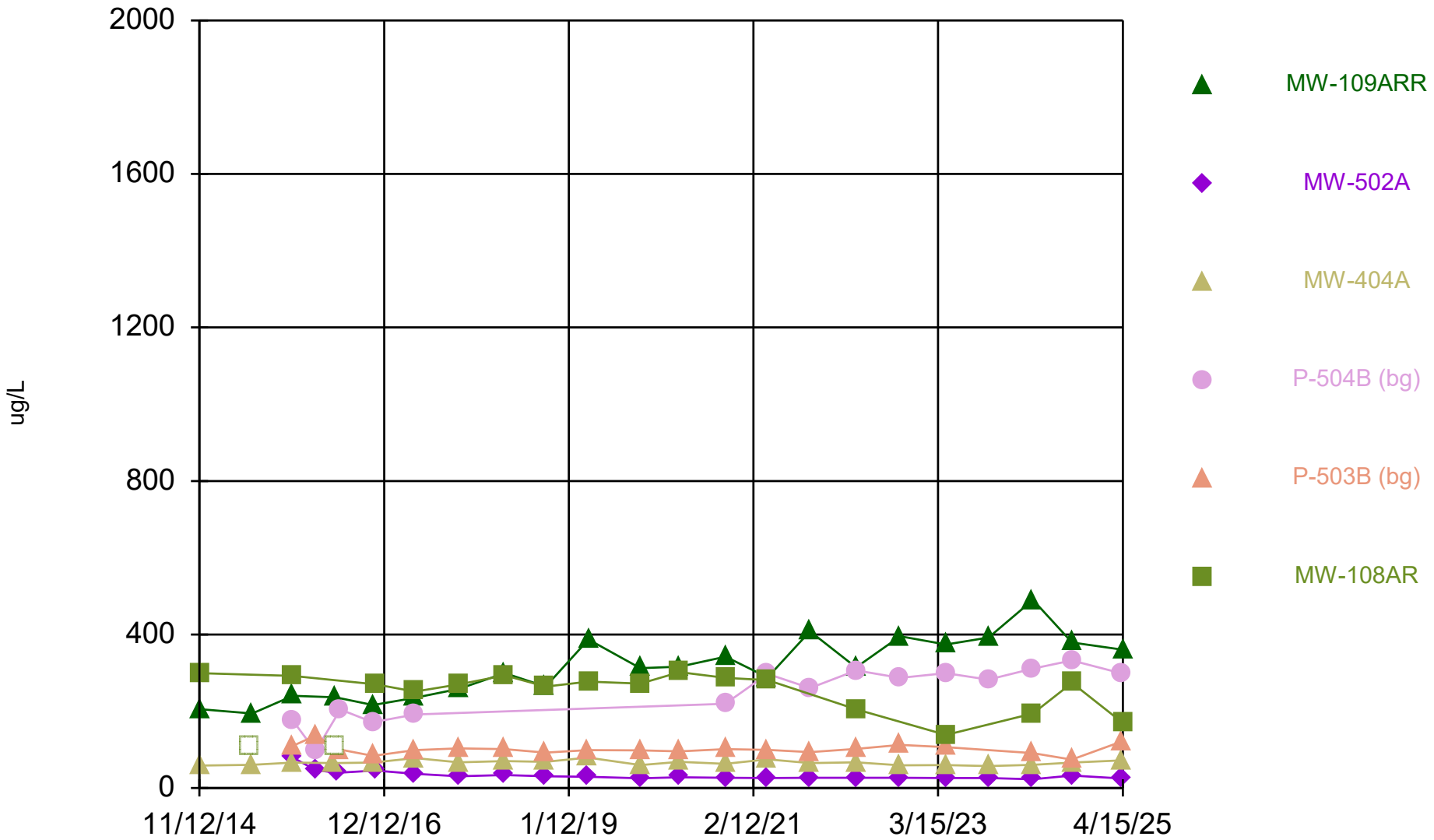

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Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG

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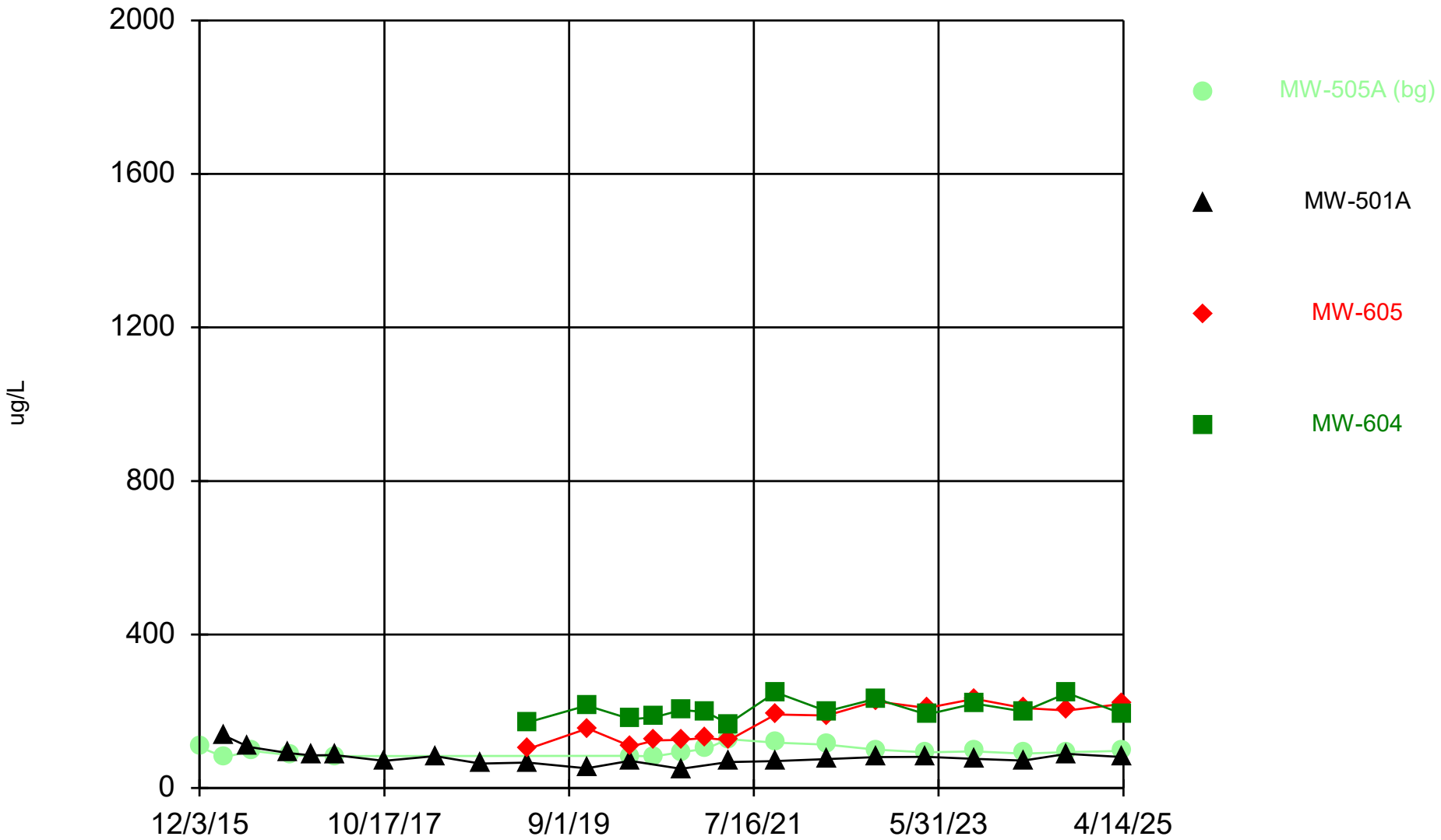

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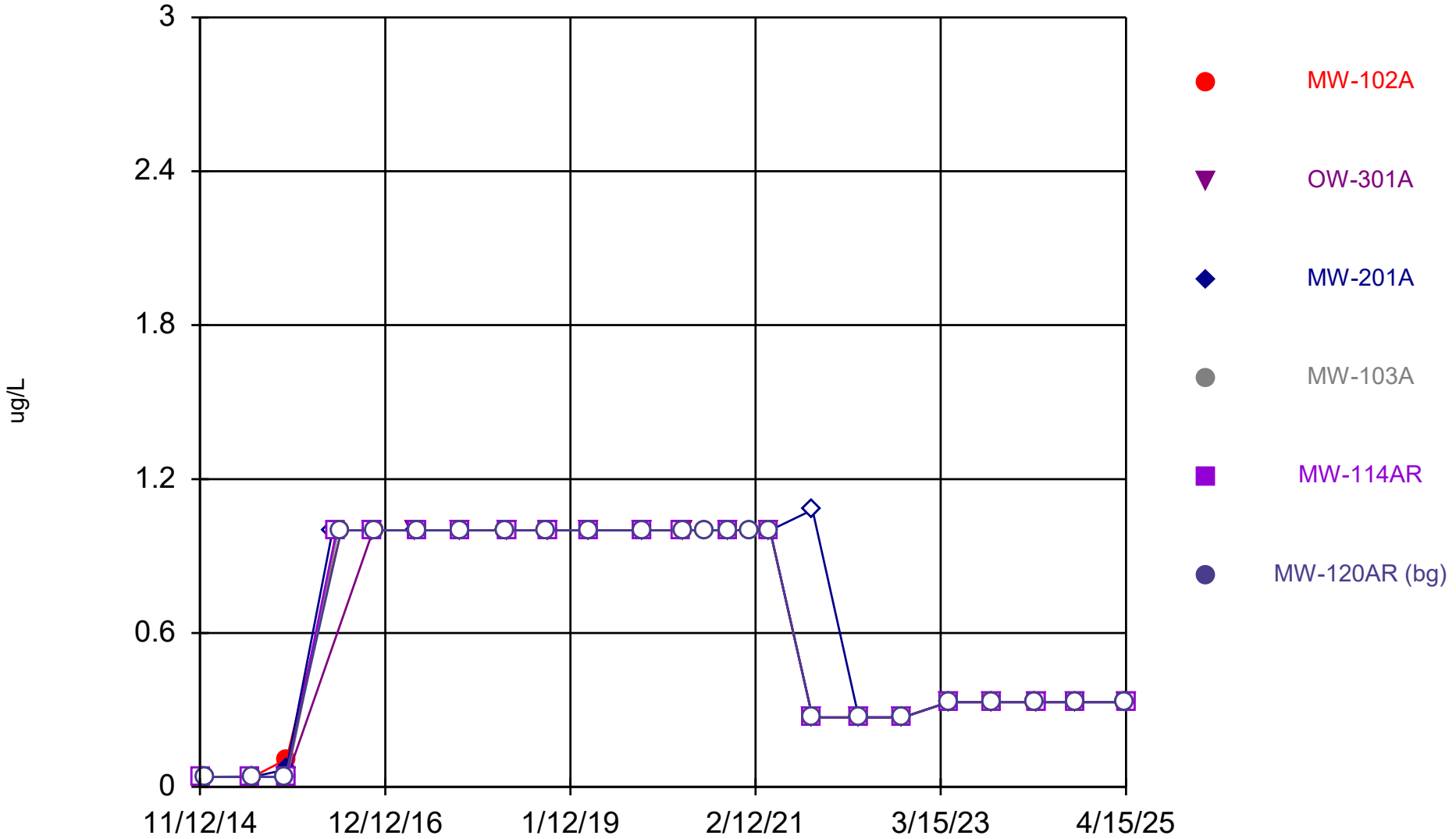

Constituent: Beryllium Analysis Run 6/12/2025 12:15 PM View: All Wells - Appendix I Metals
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
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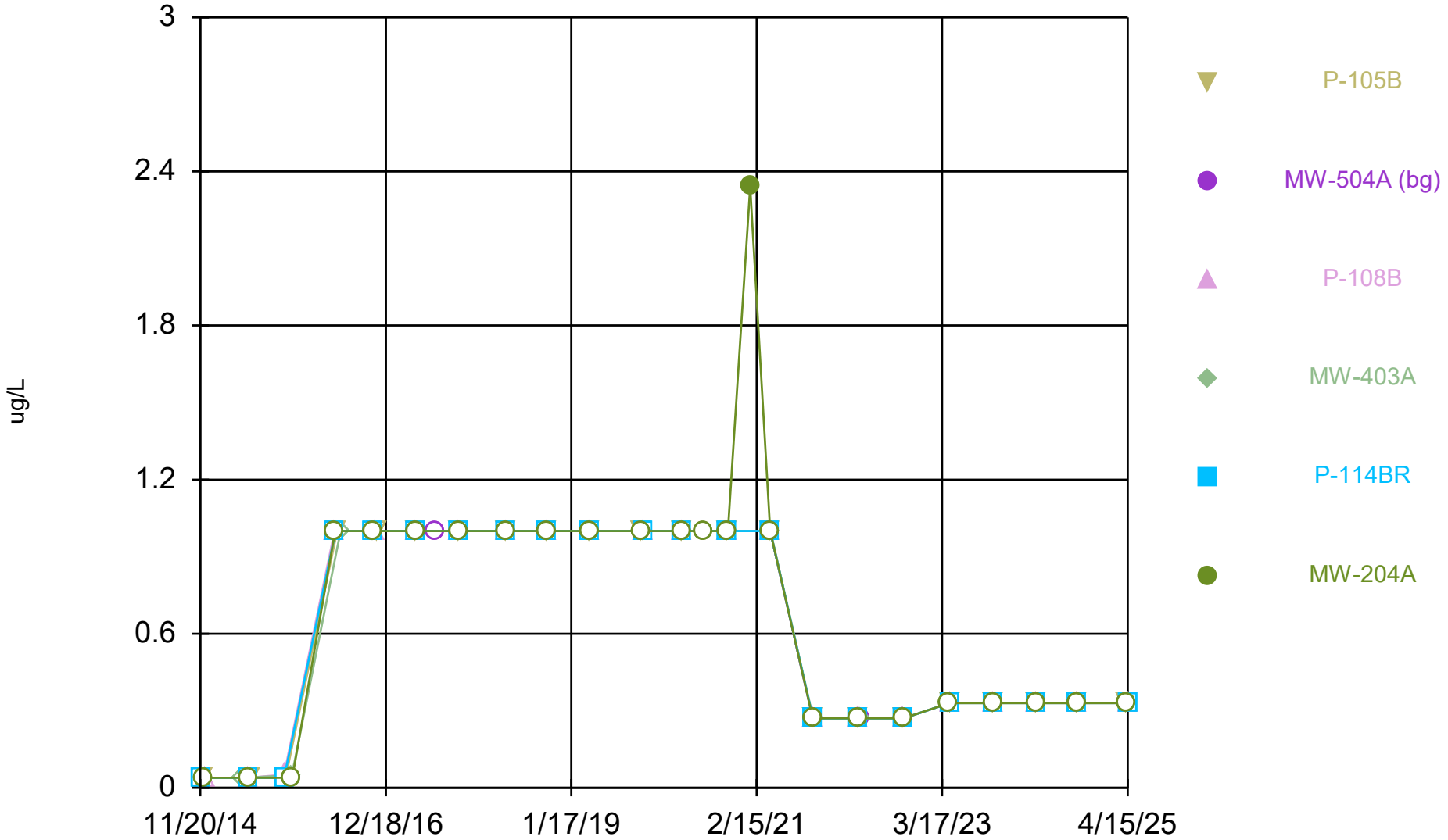

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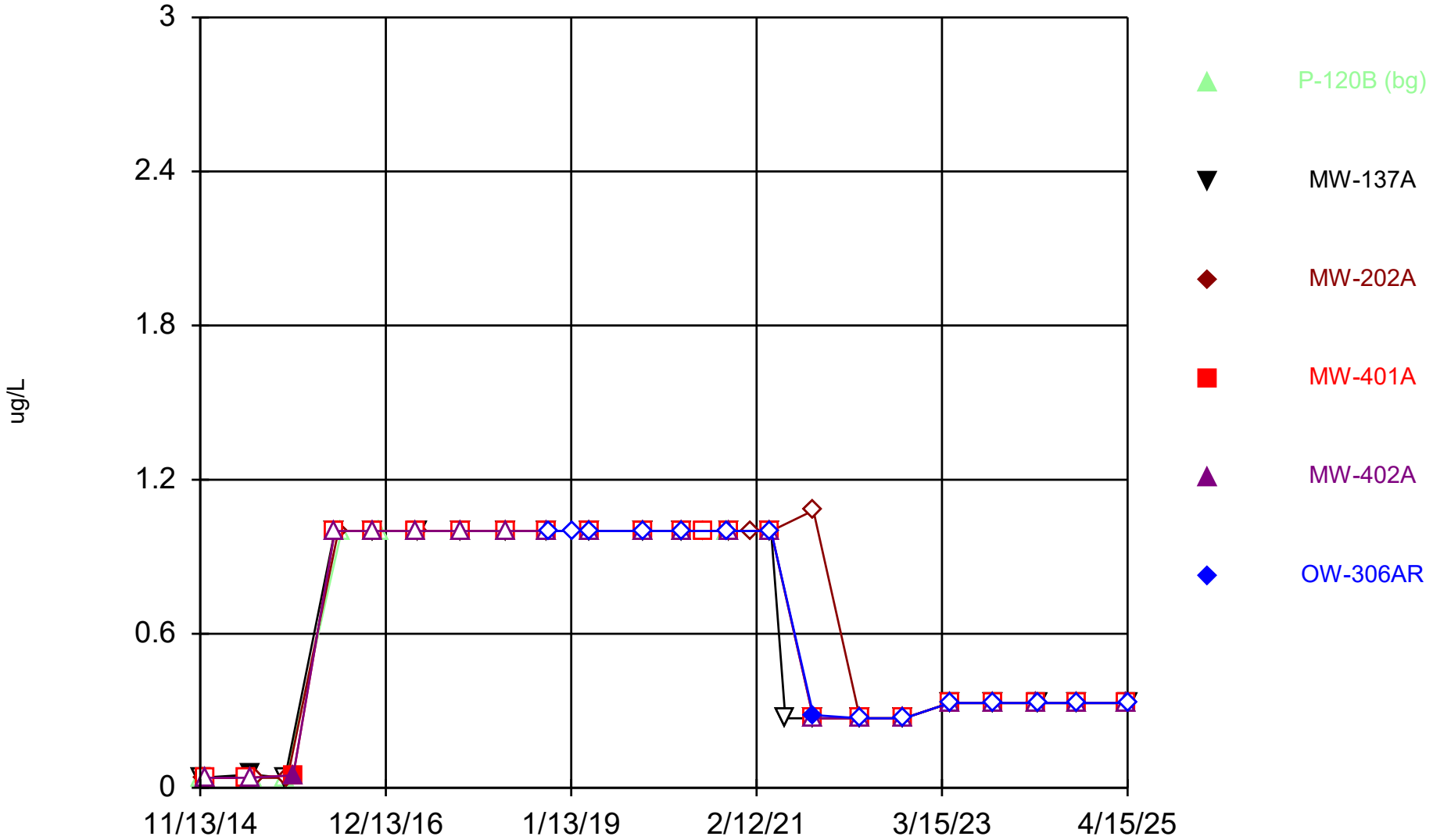

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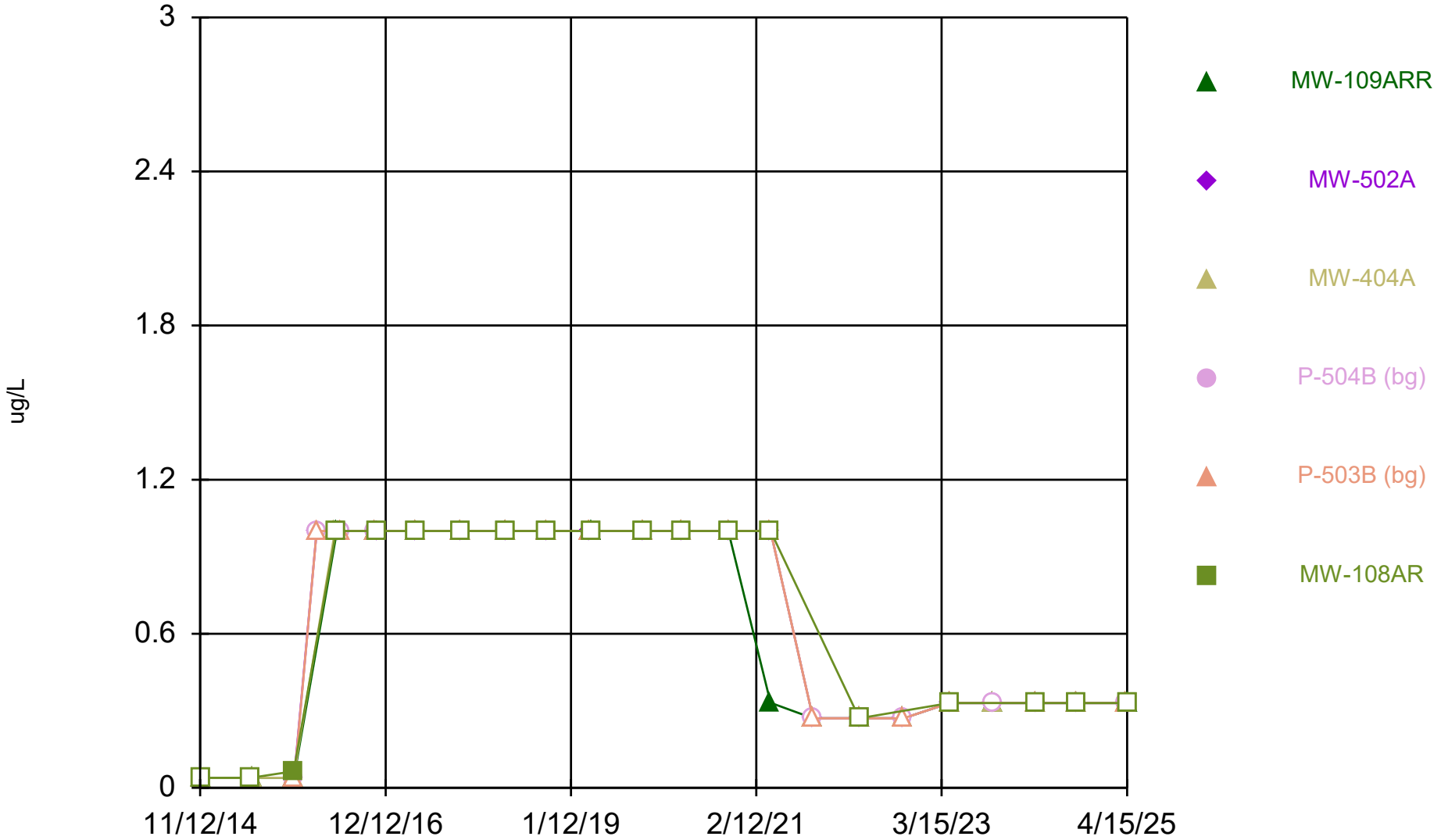

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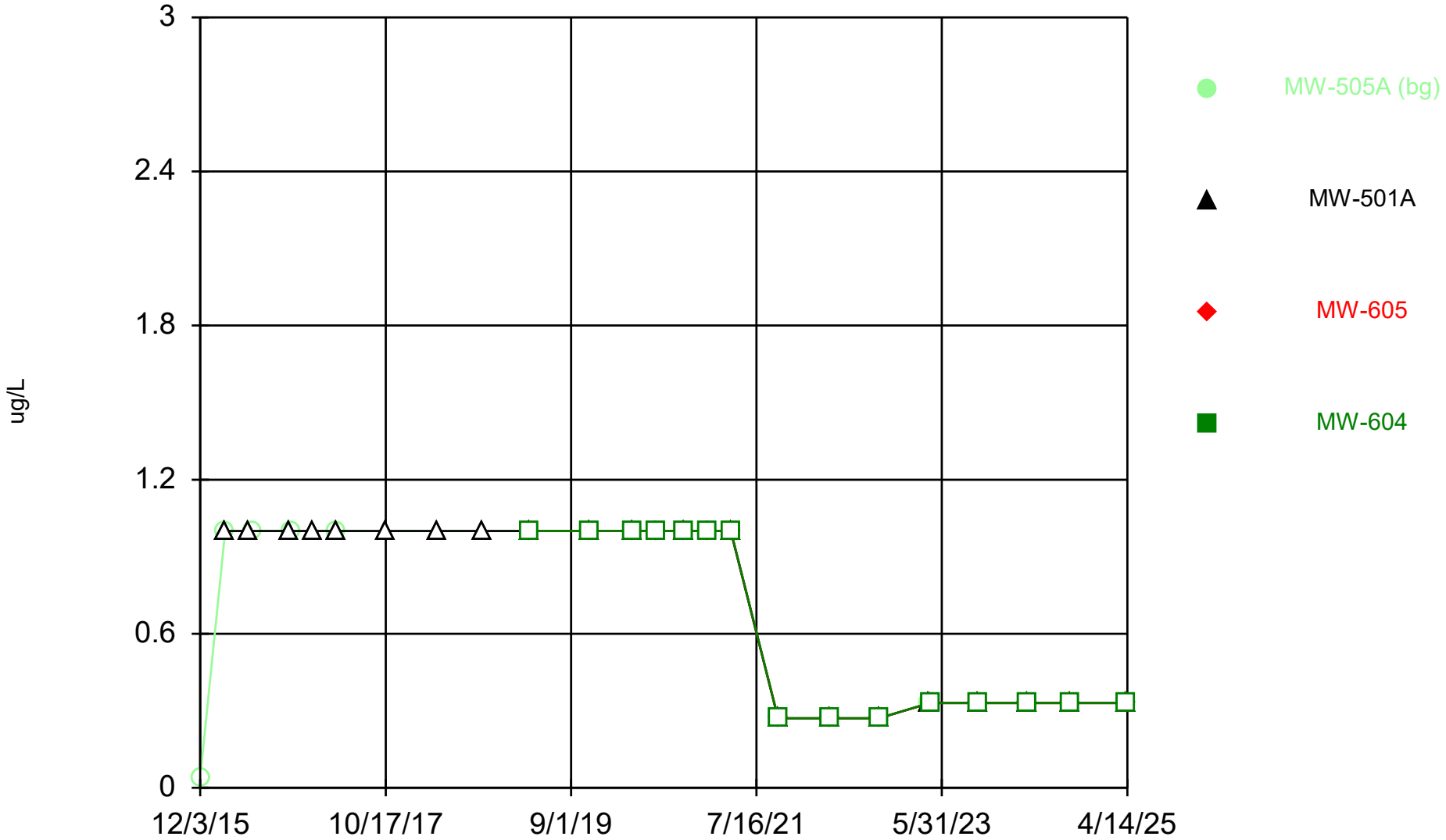

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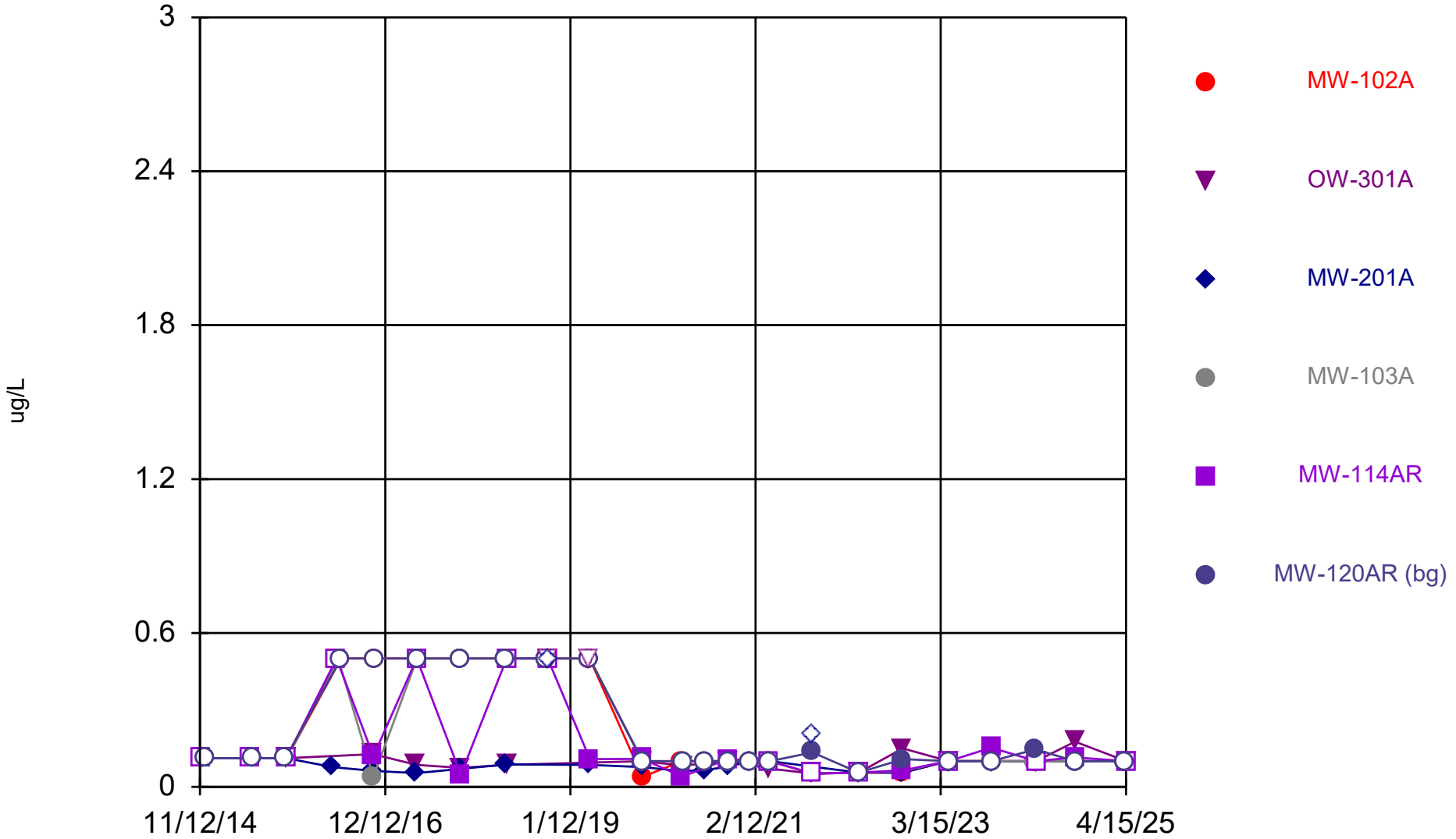

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DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
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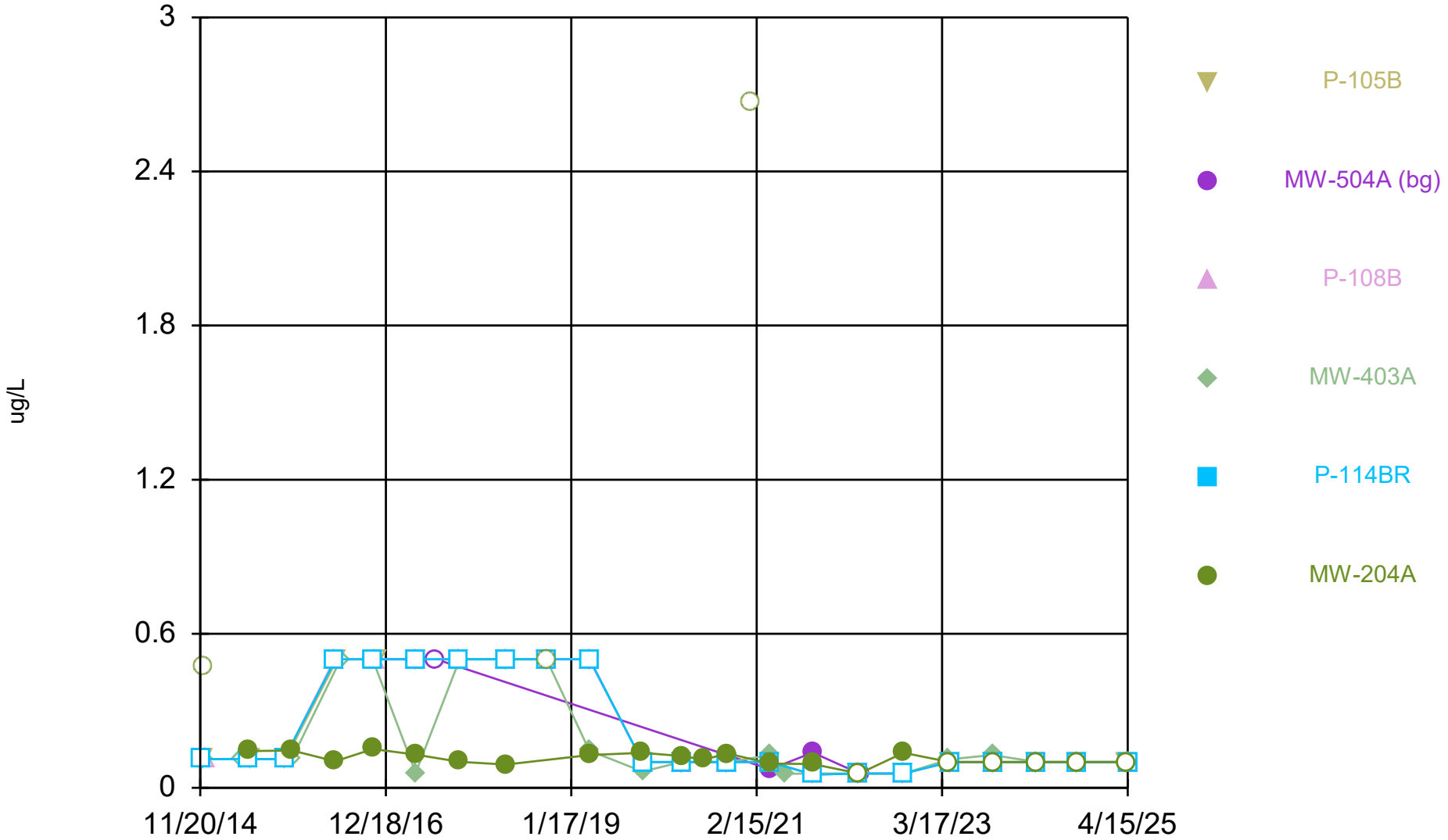

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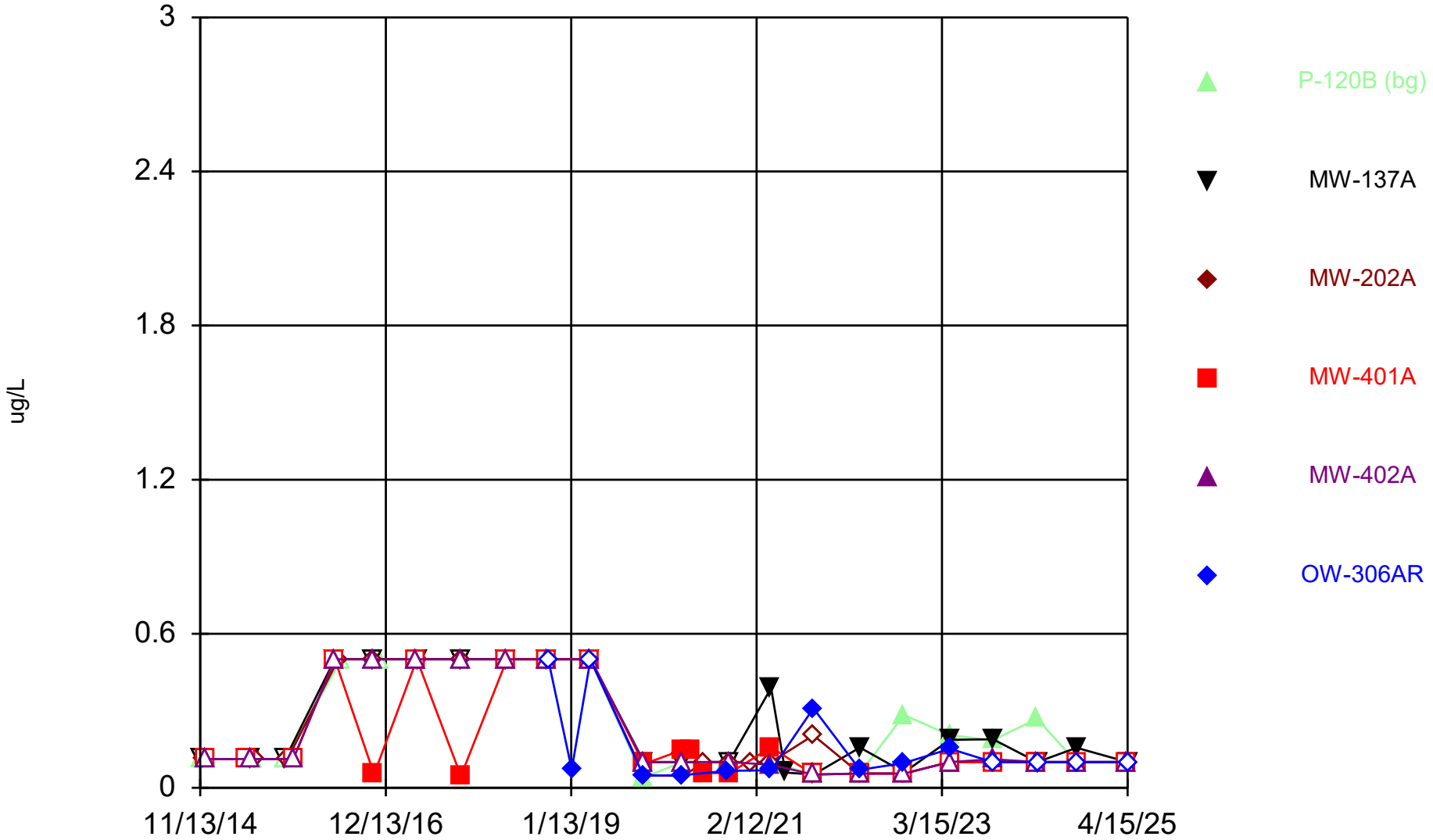

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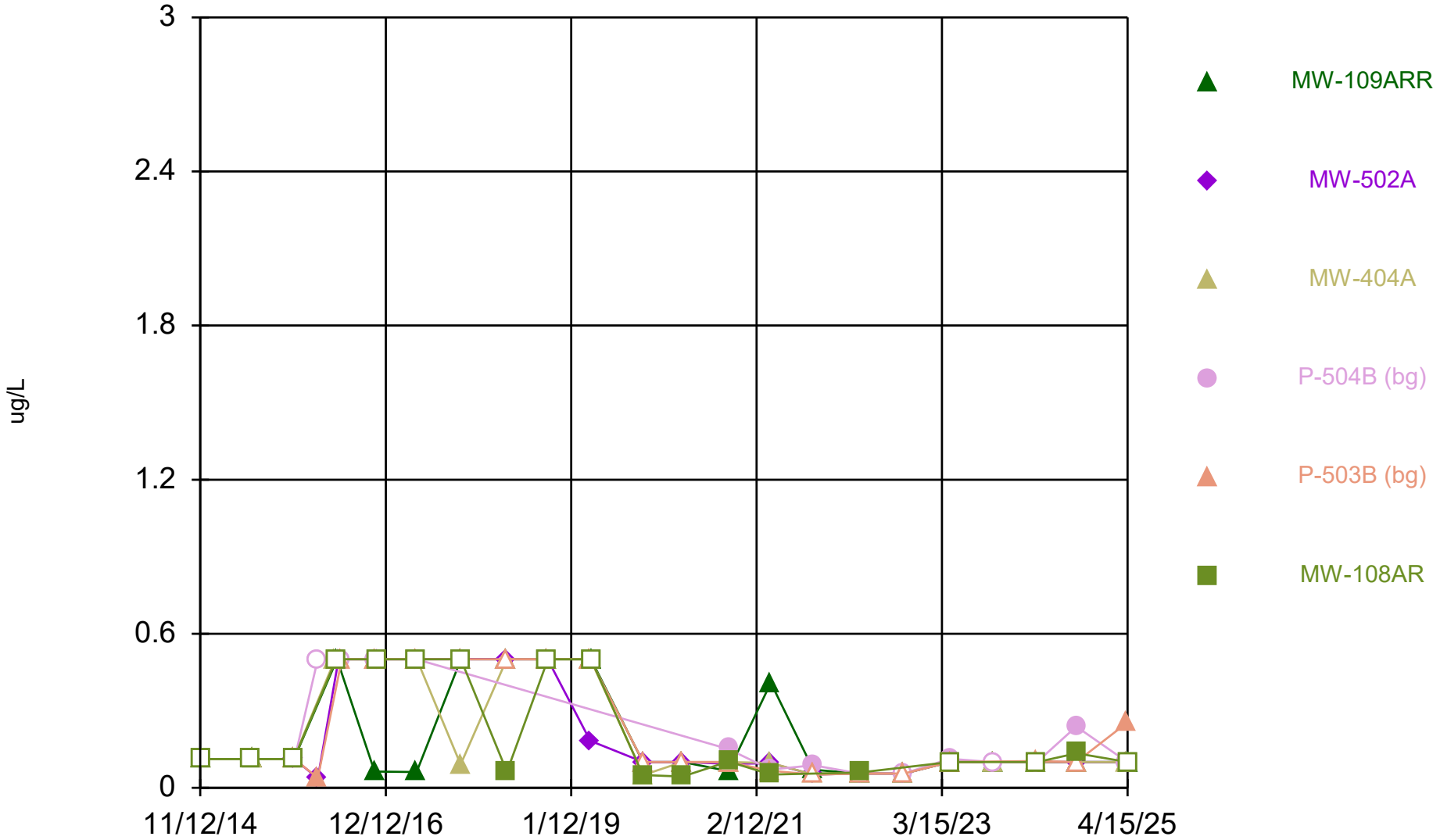

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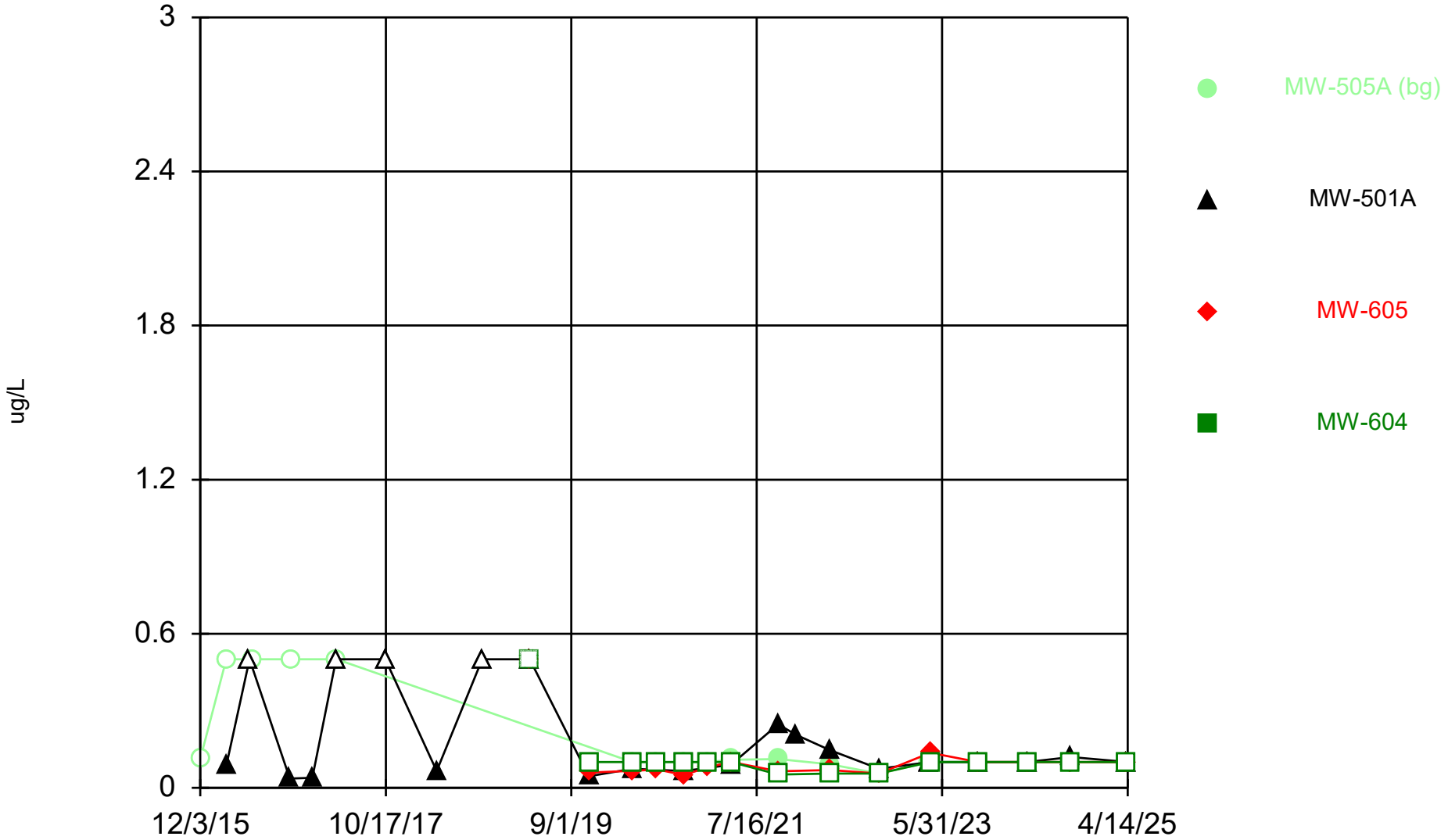

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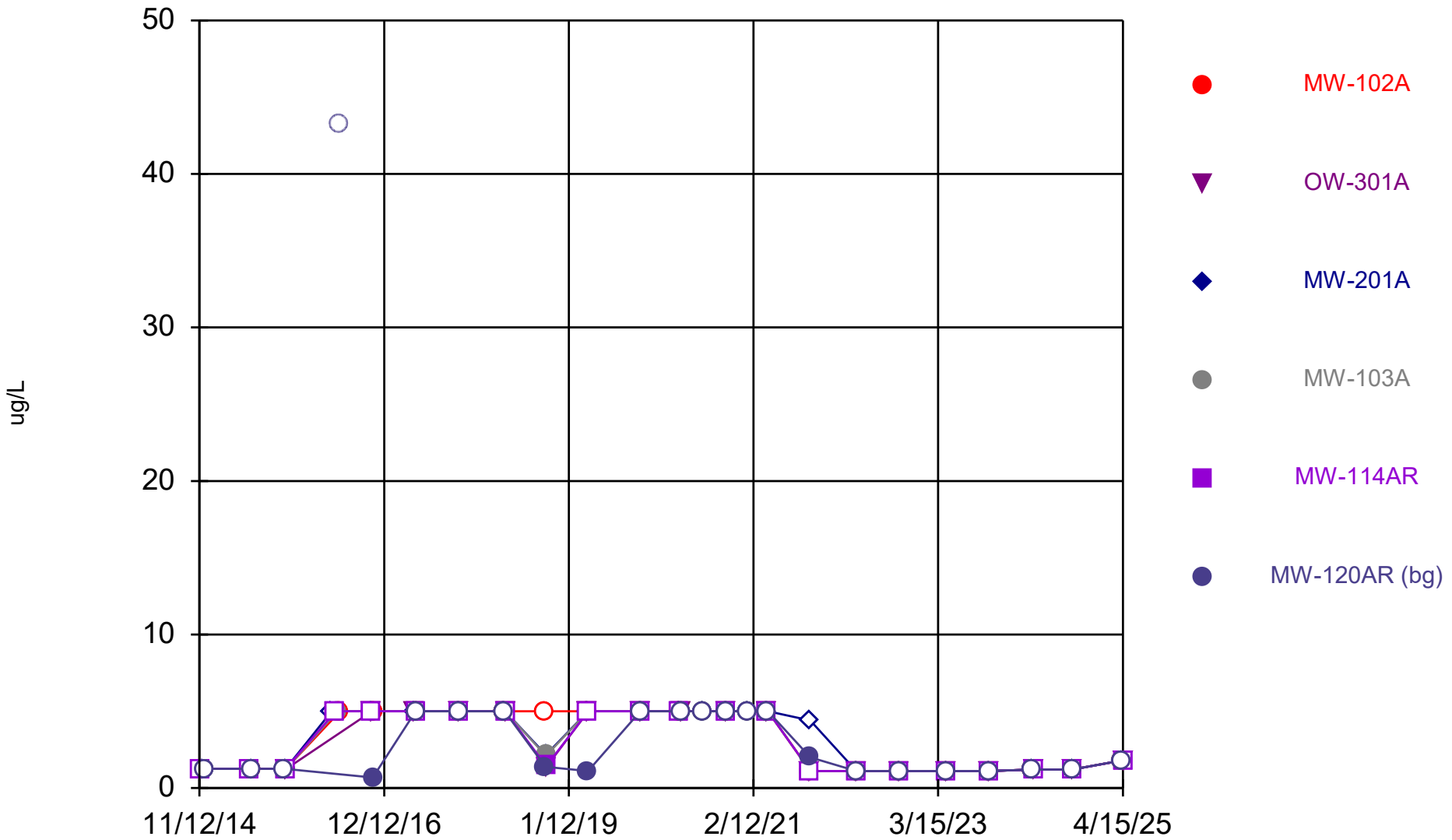

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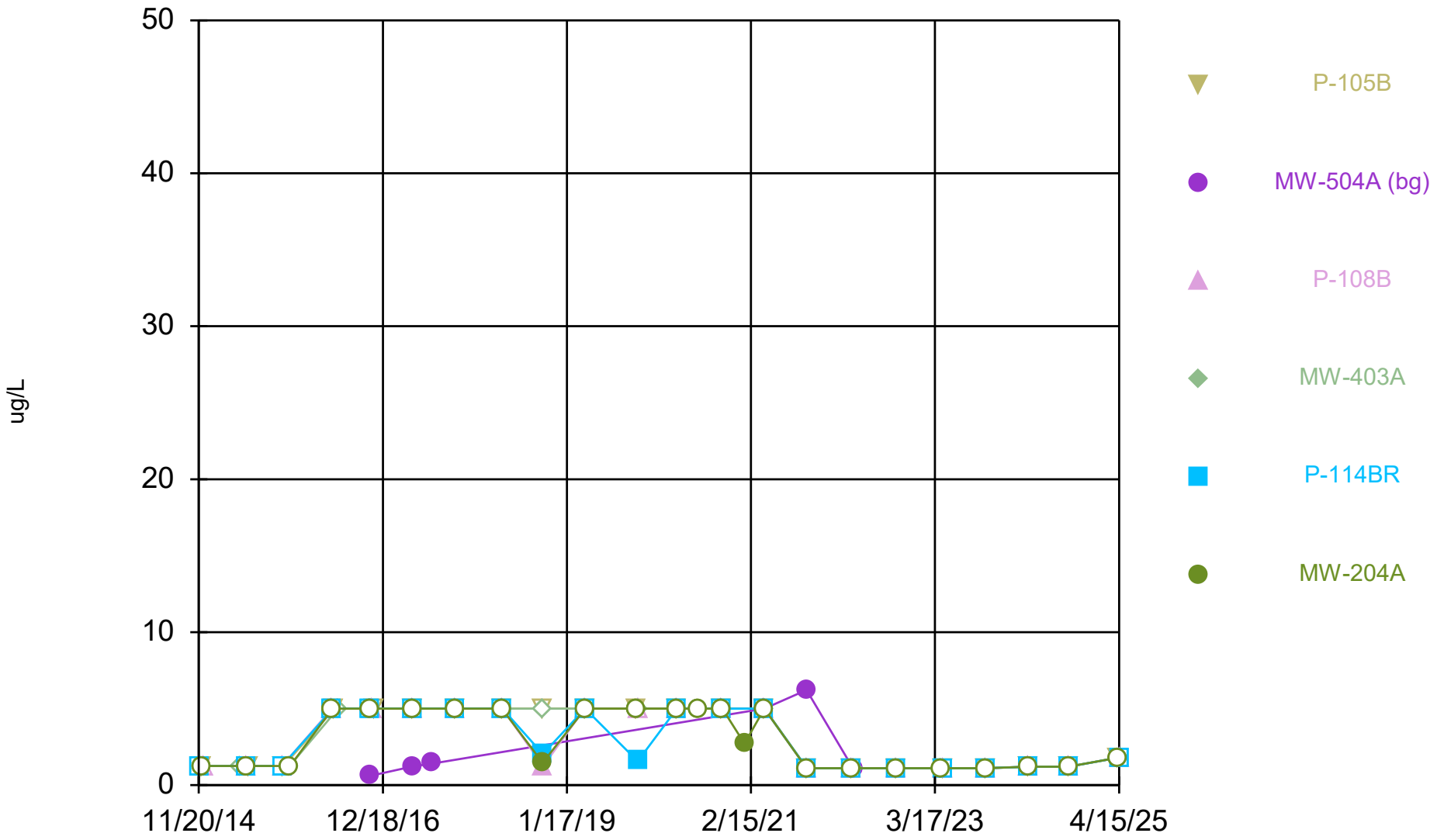

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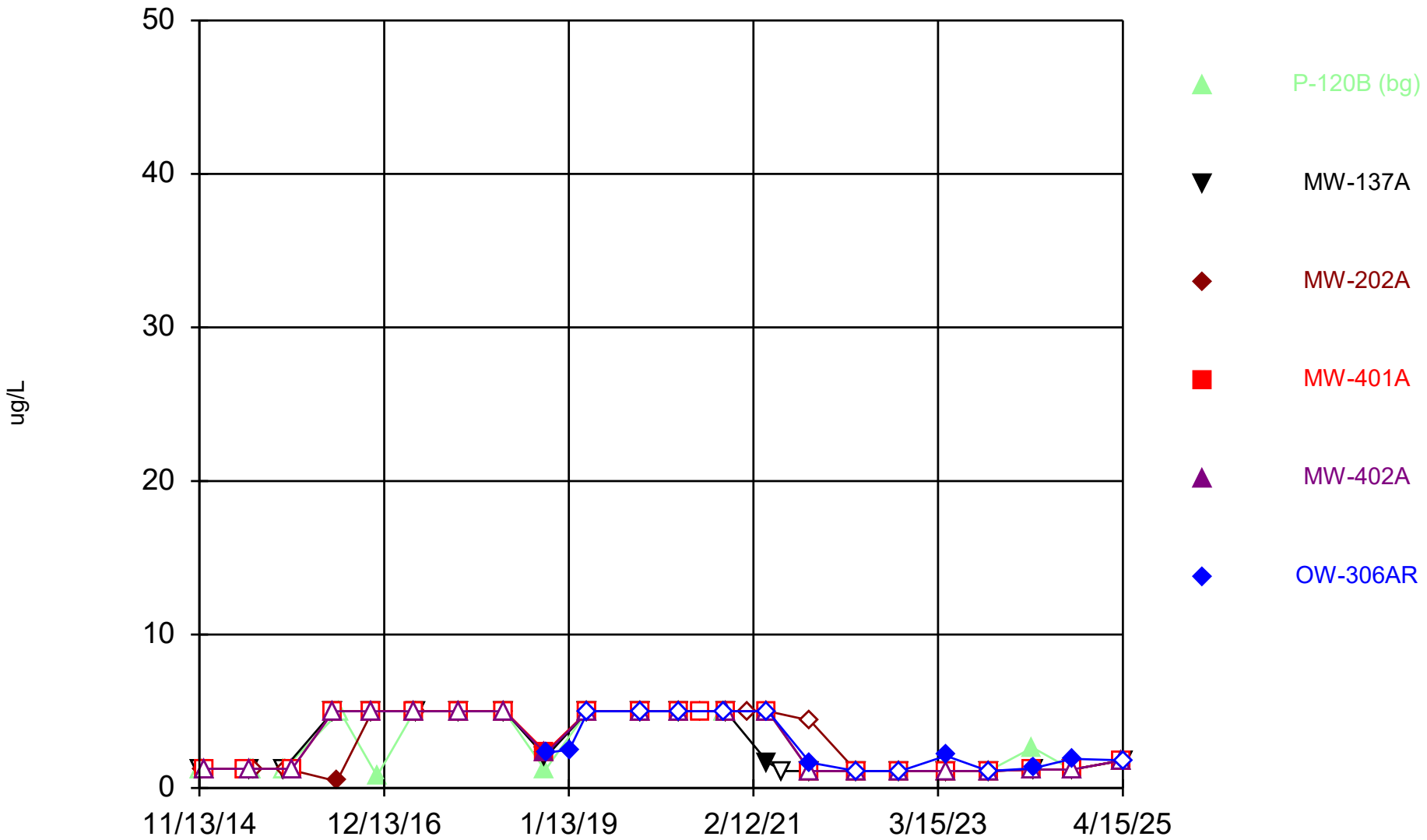

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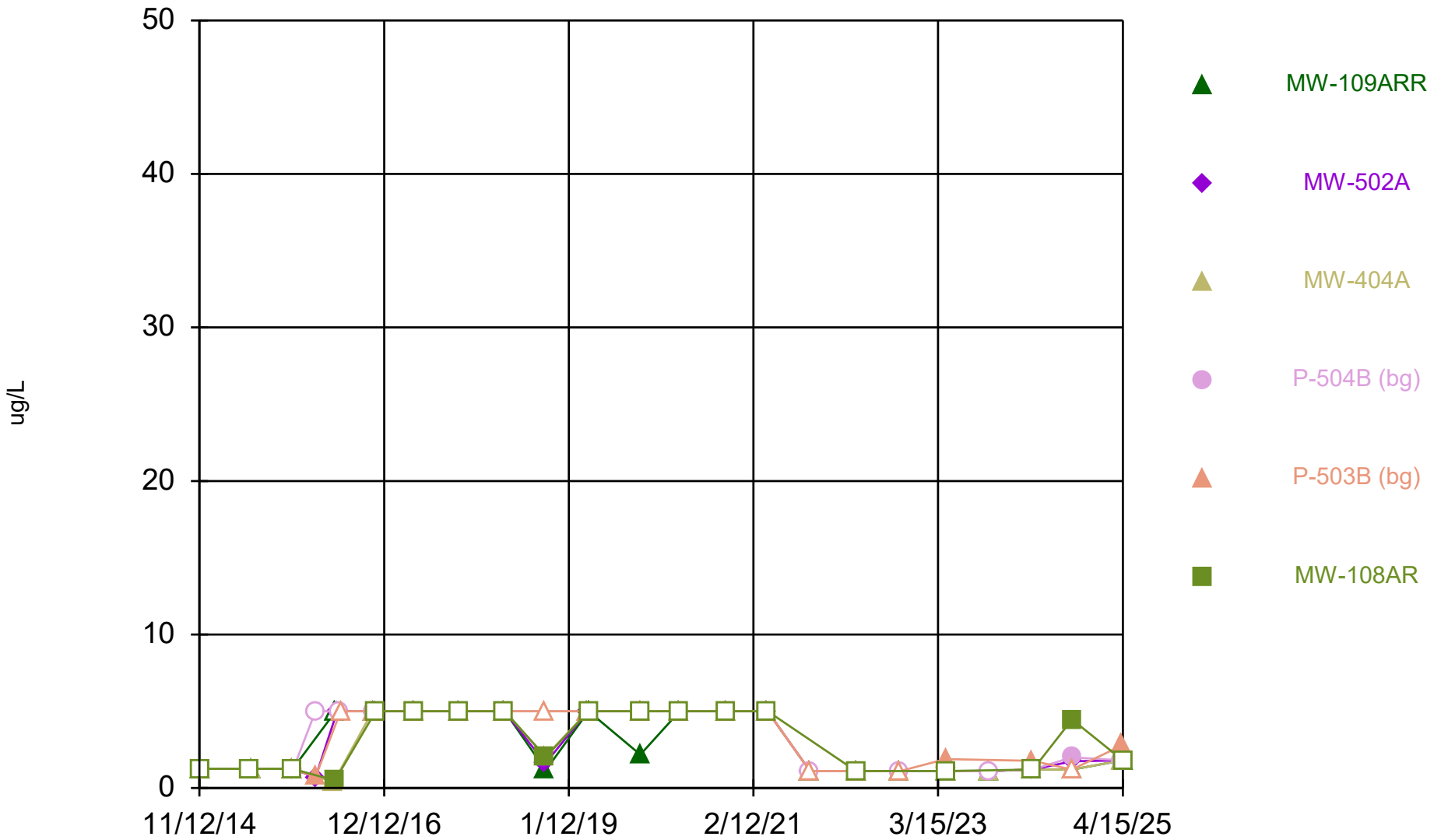

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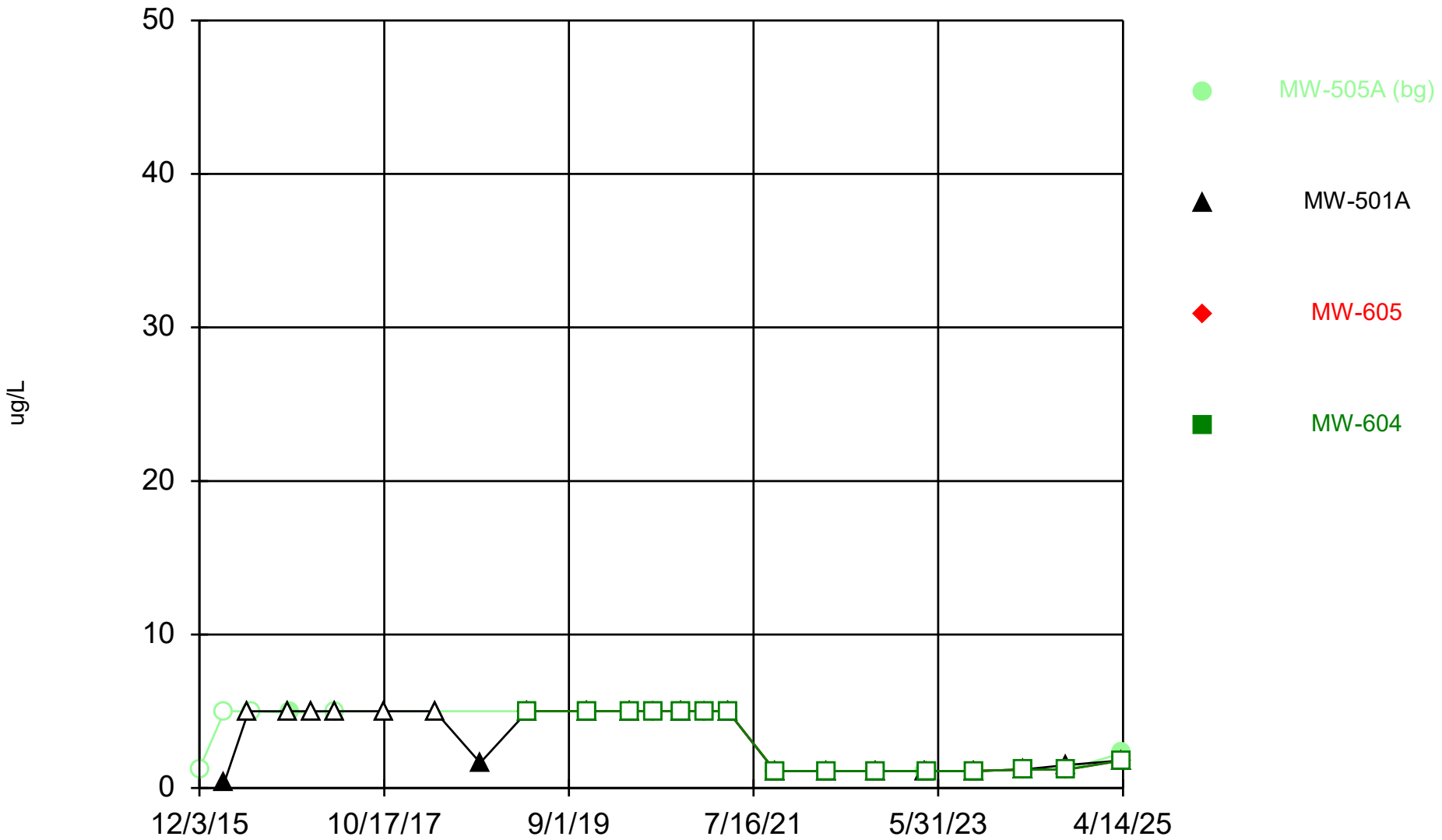

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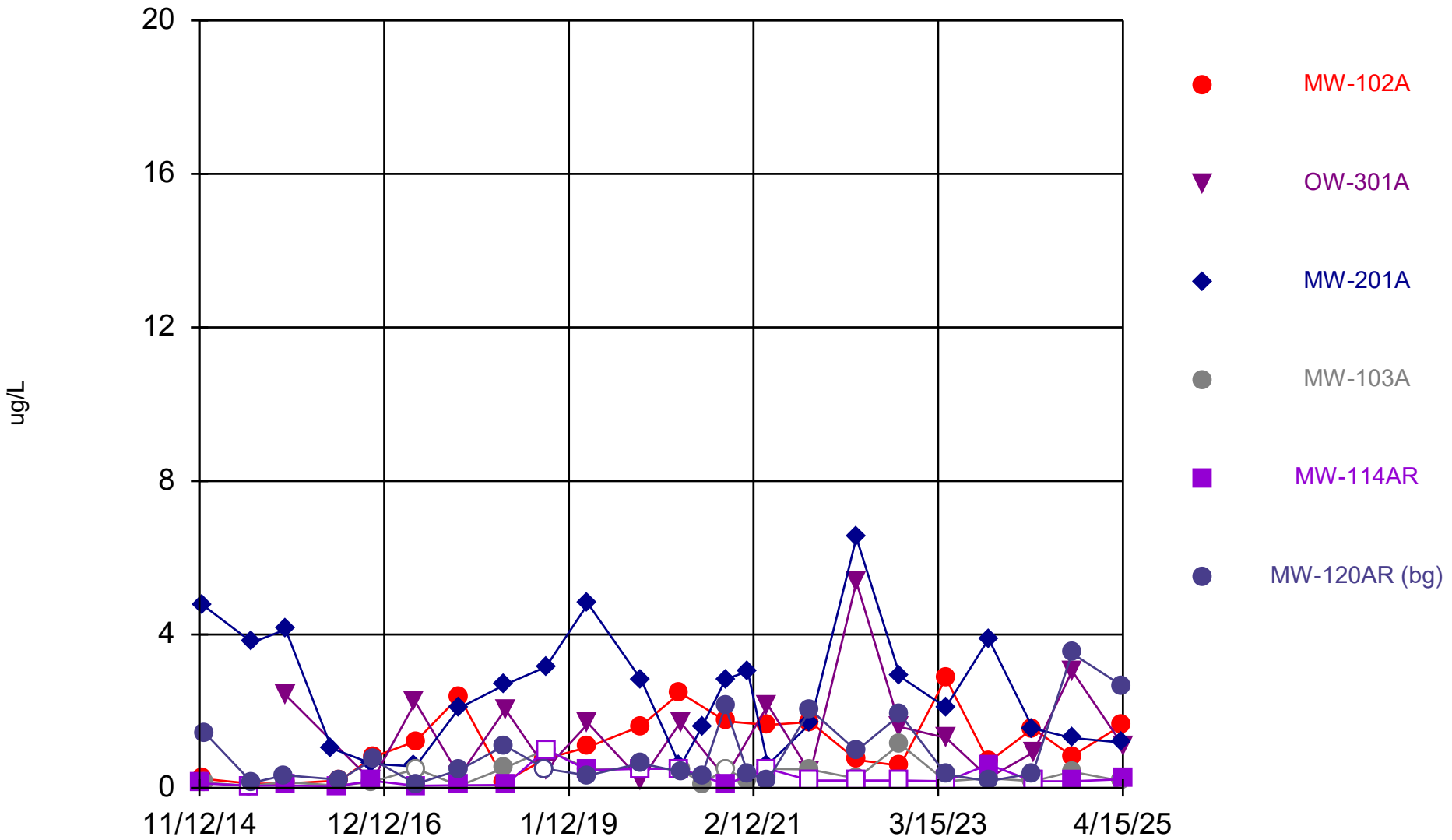

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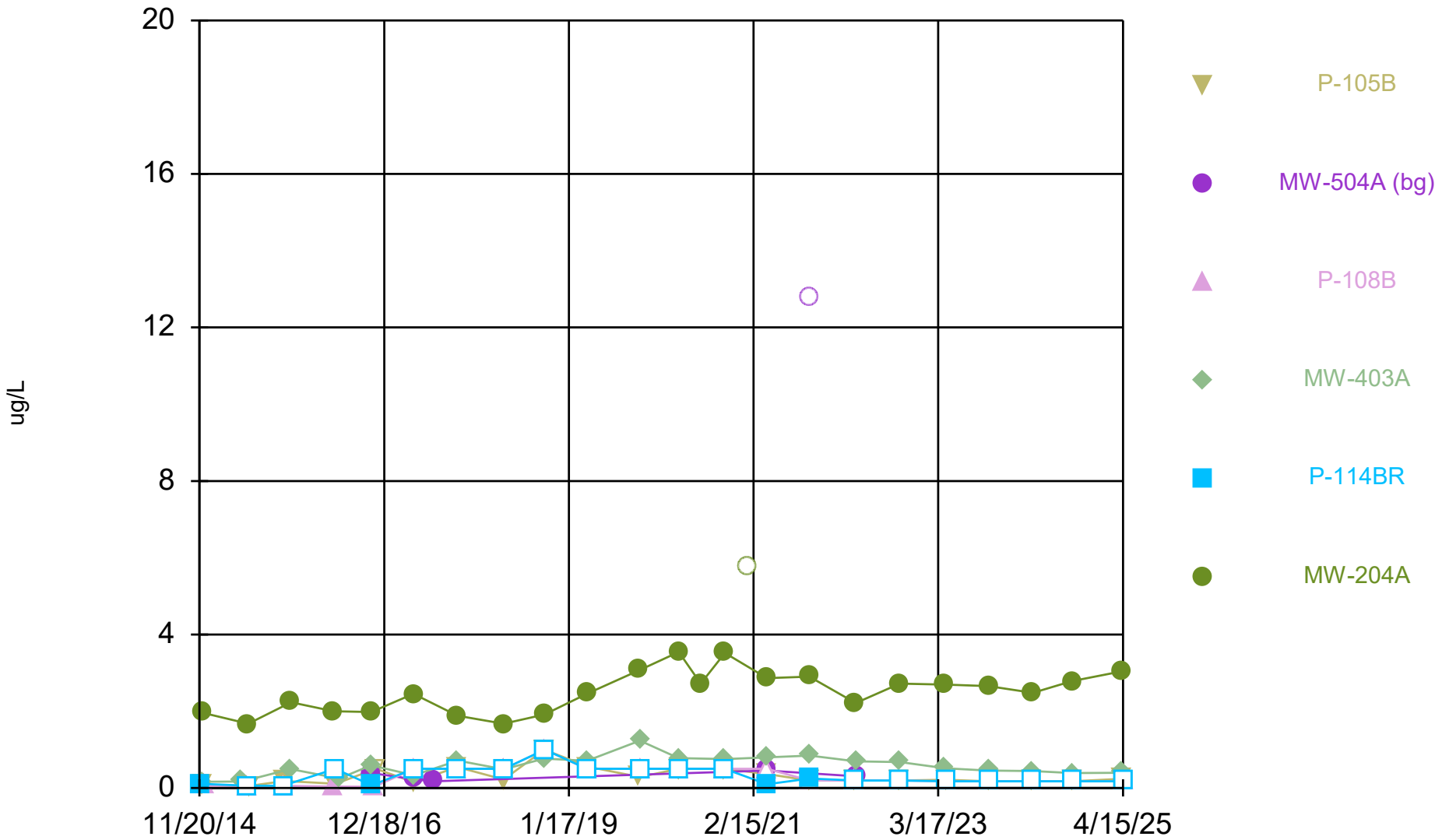
Time Series



Constituent: Cobalt Analysis Run 6/12/2025 12:15 PM View: All Wells - Appendix I Metals DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
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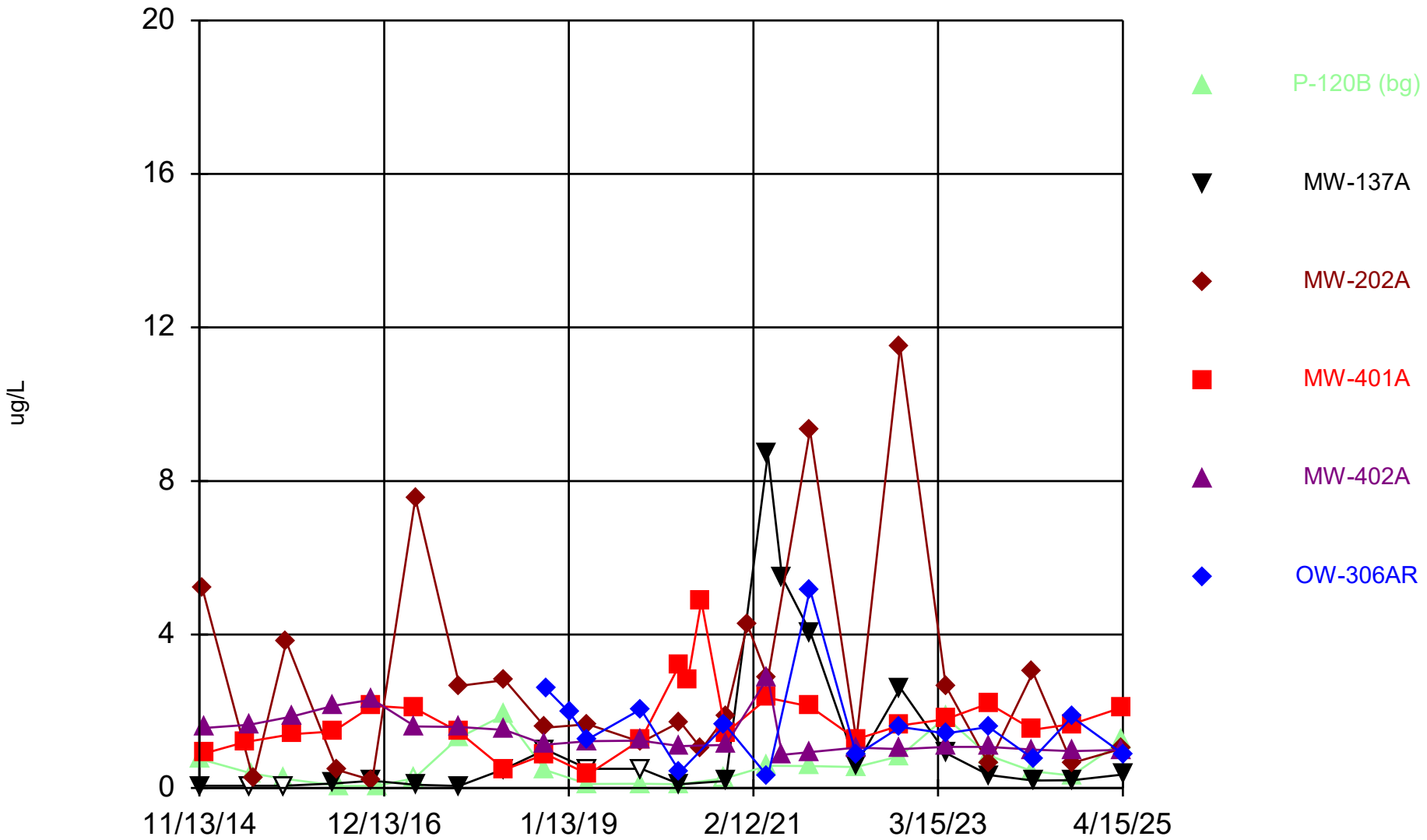
Time Series



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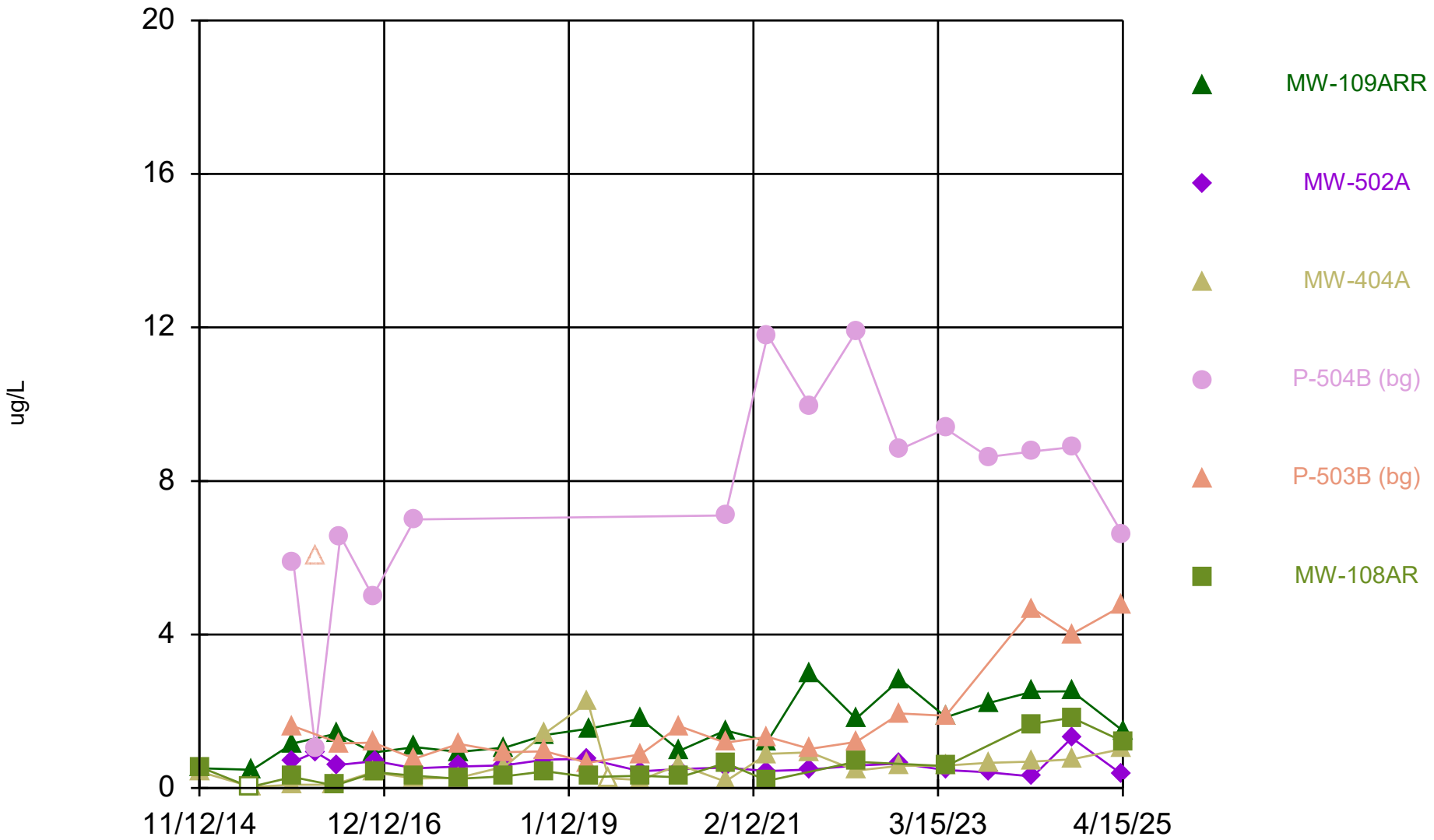
Time Series



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DMASWA Data: DMASWA Database_Updated

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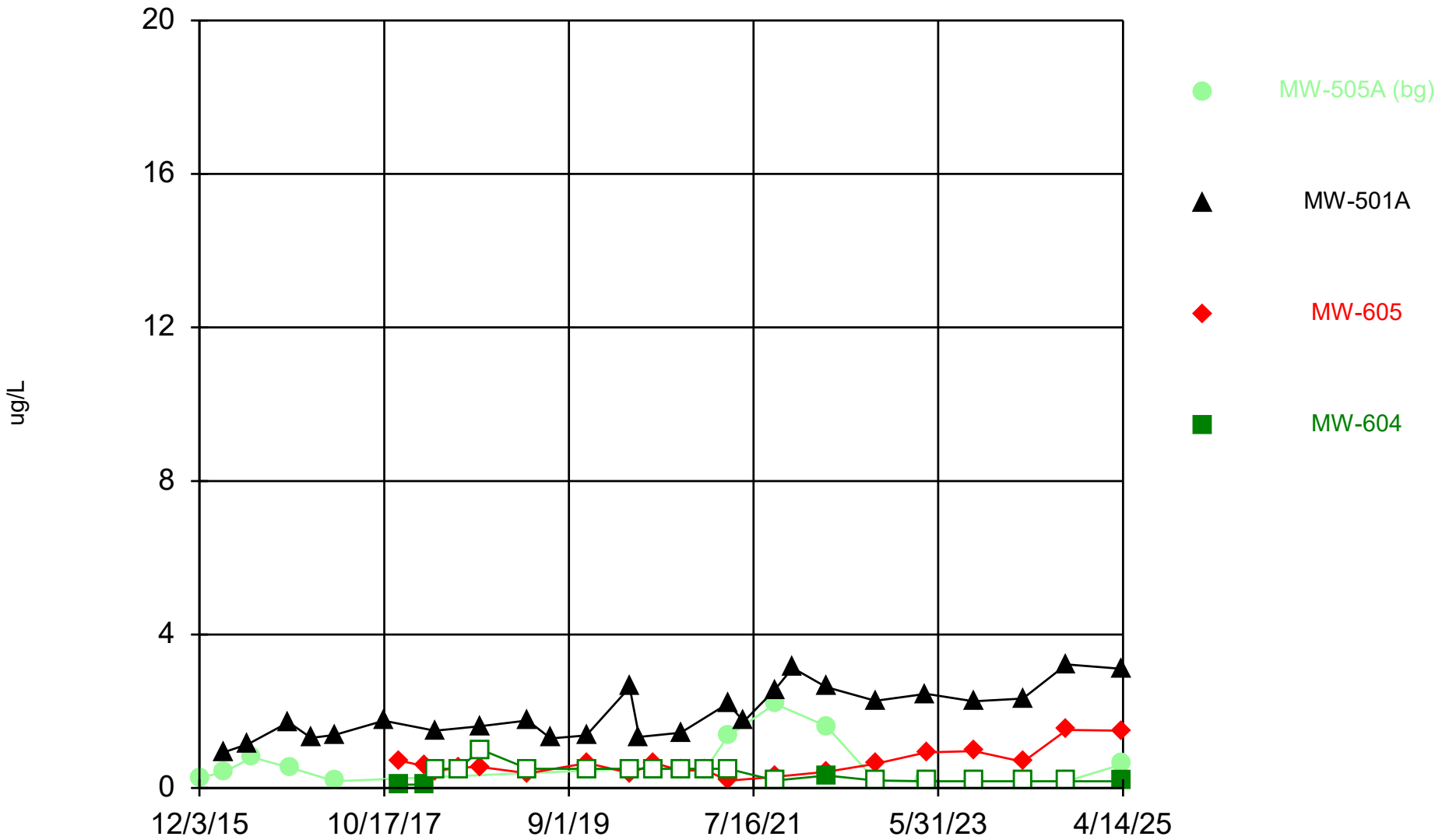

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DMASWA Data: DMASWA Database_Updated

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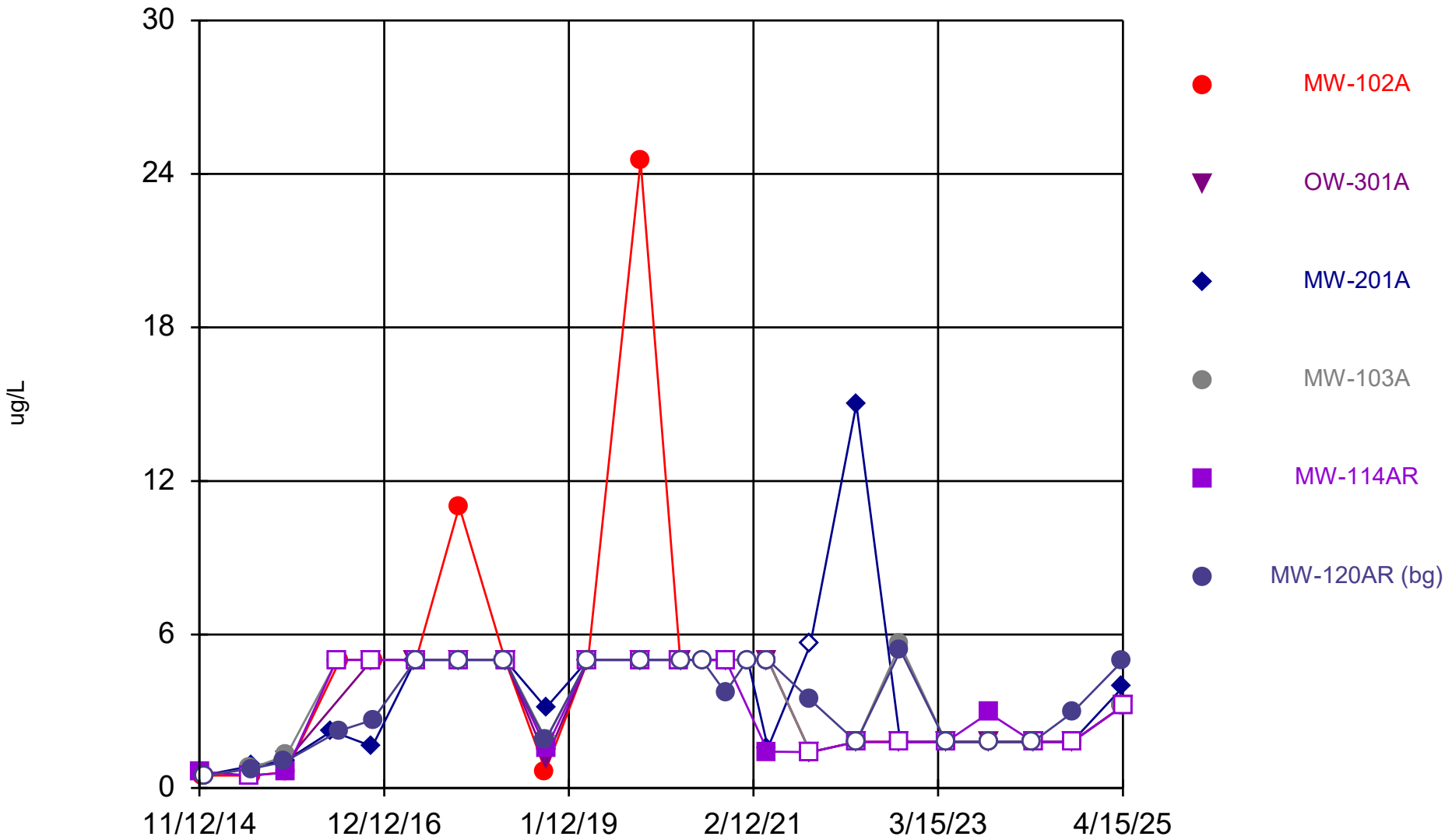
Hollow symbols indicate censored values.

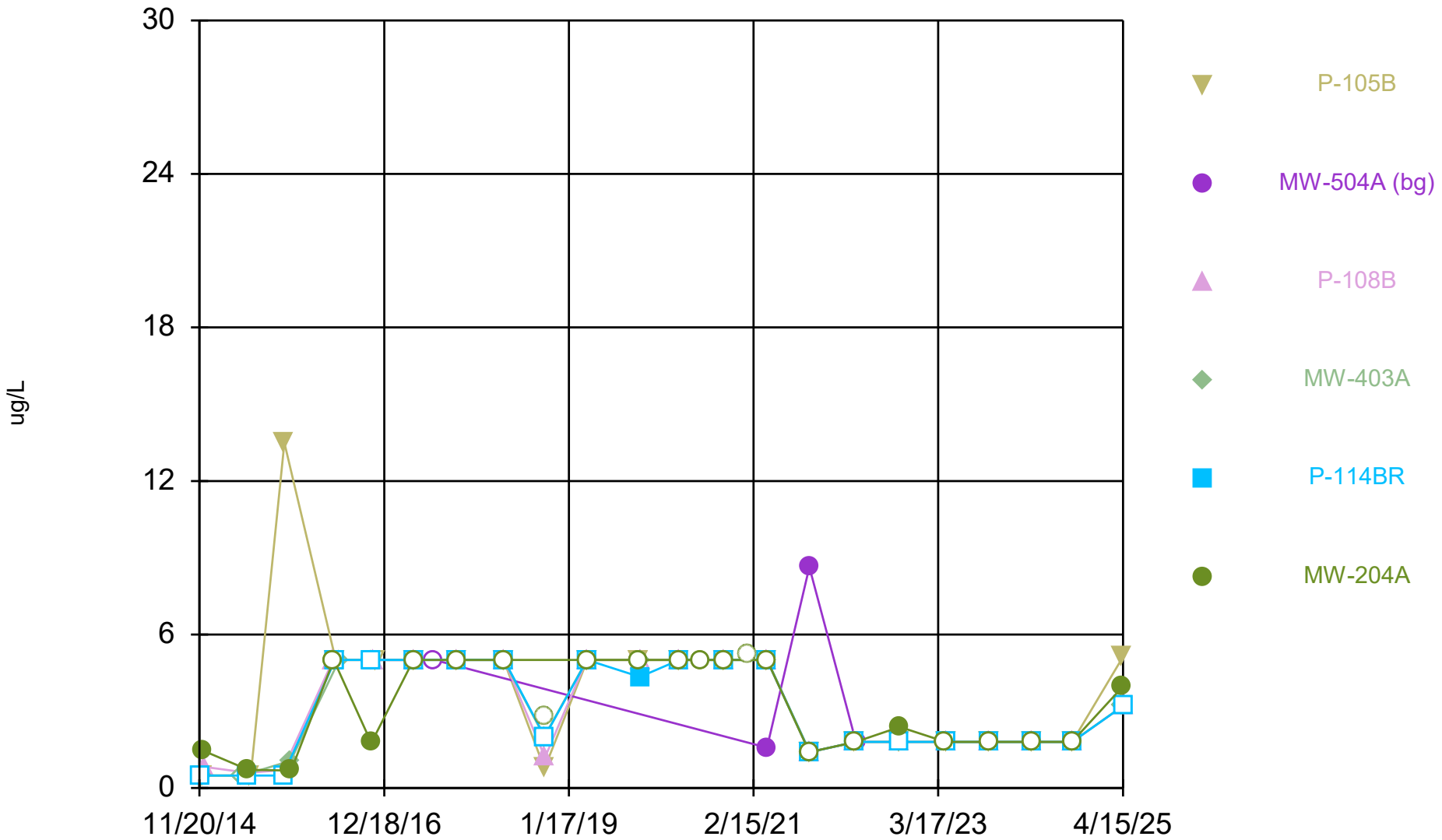
Time Series



Constituent: Copper Analysis Run 6/12/2025 12:15 PM View: All Wells - Appendix I Metals DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series



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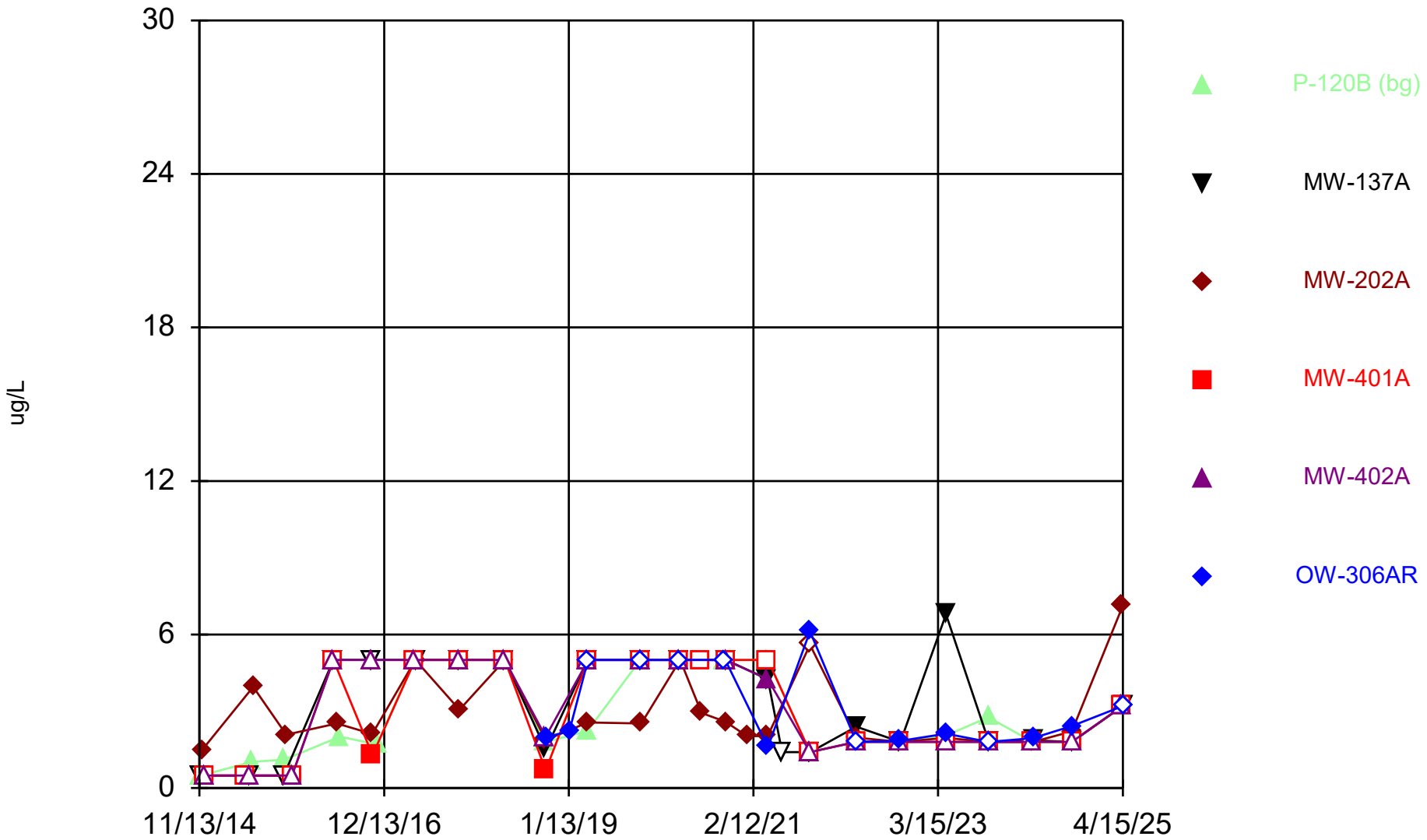

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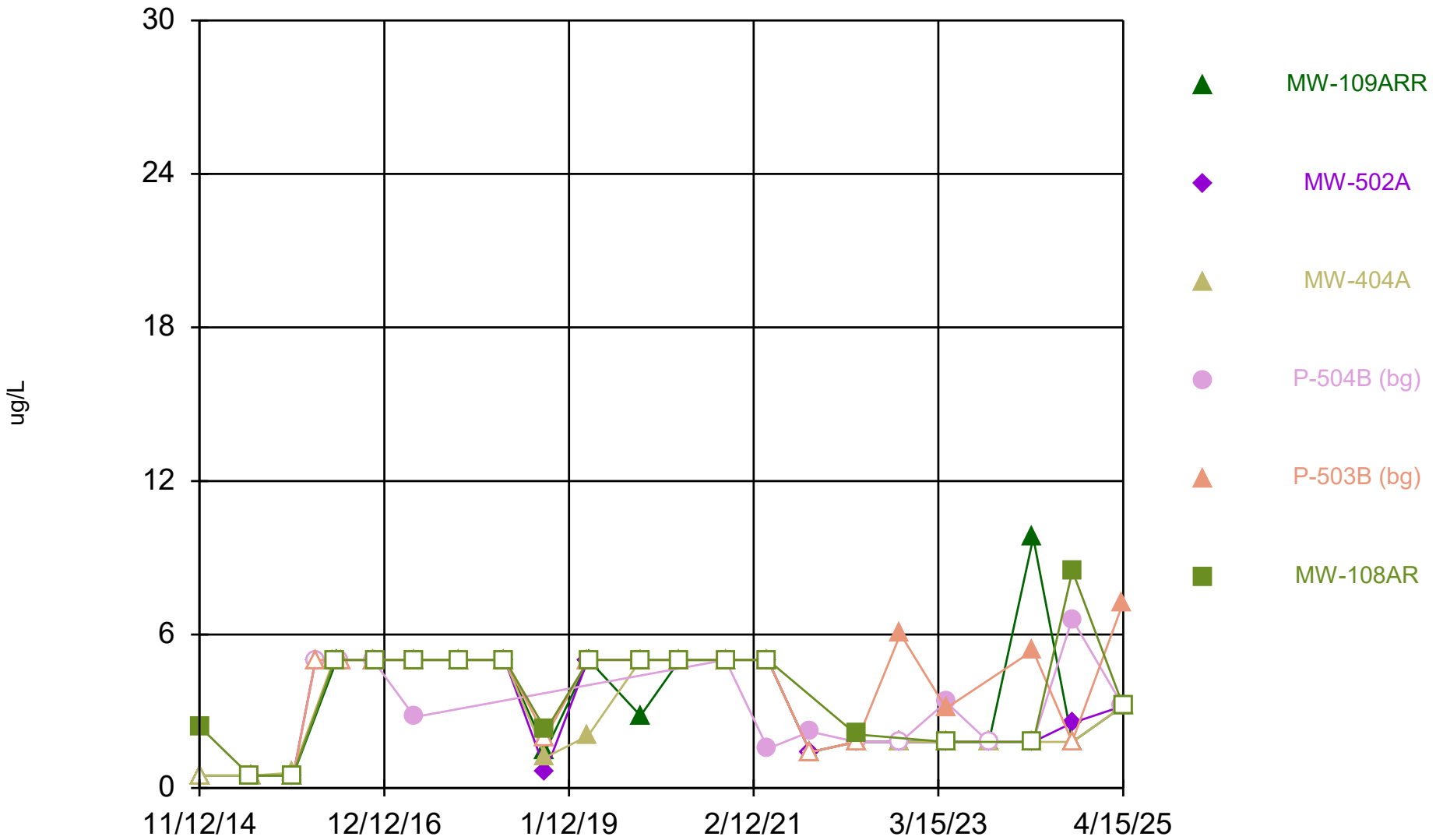

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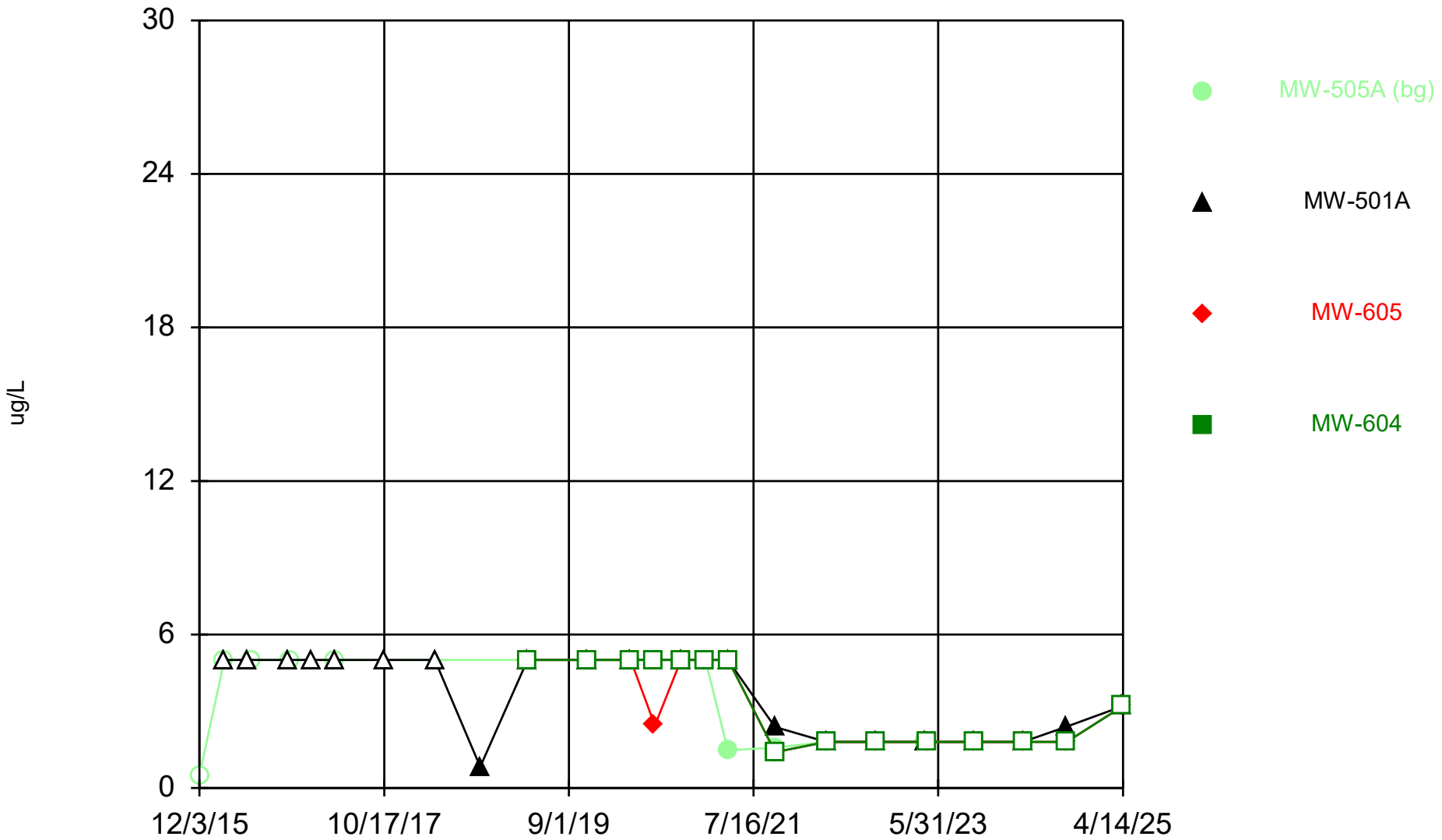

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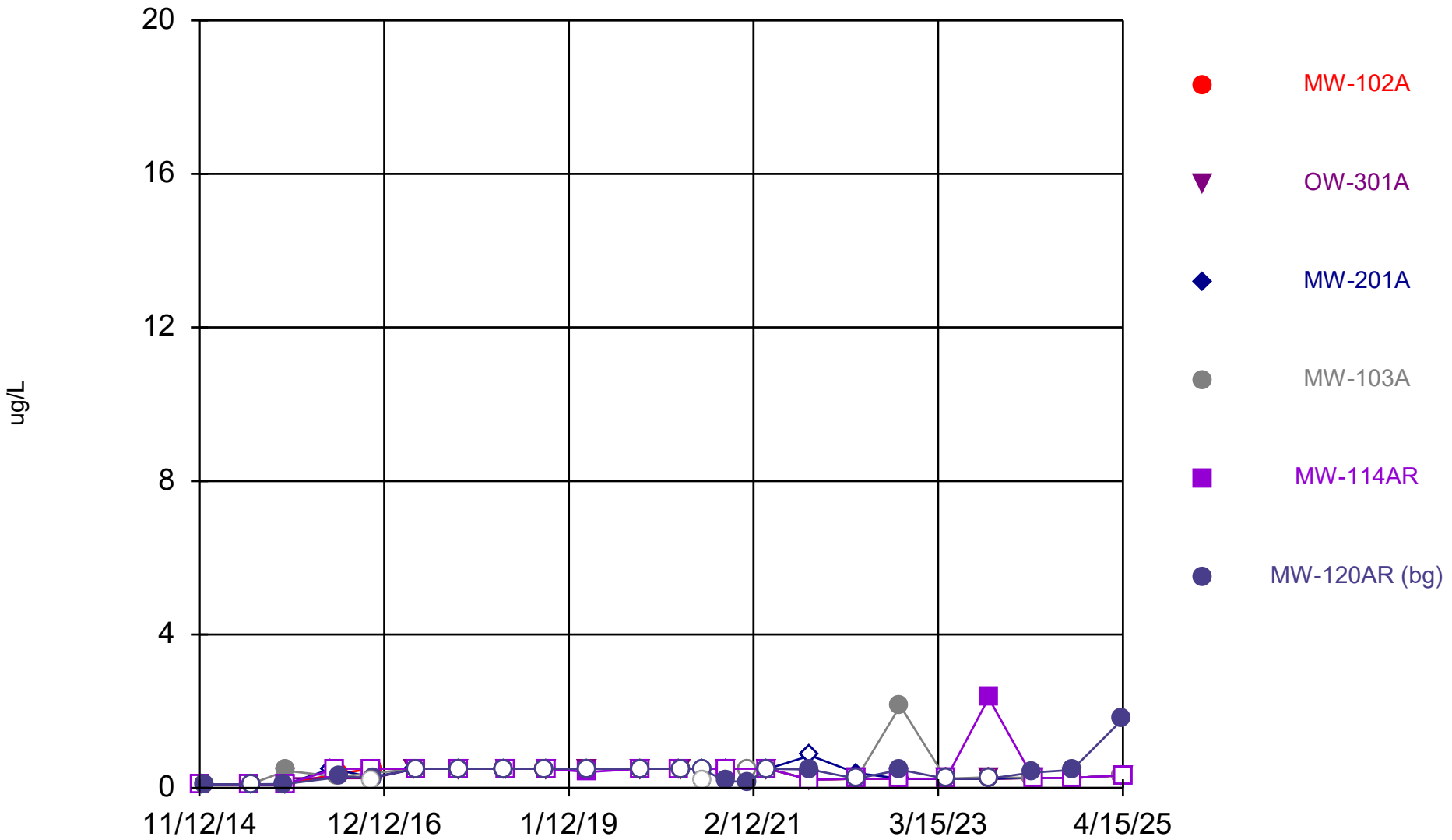

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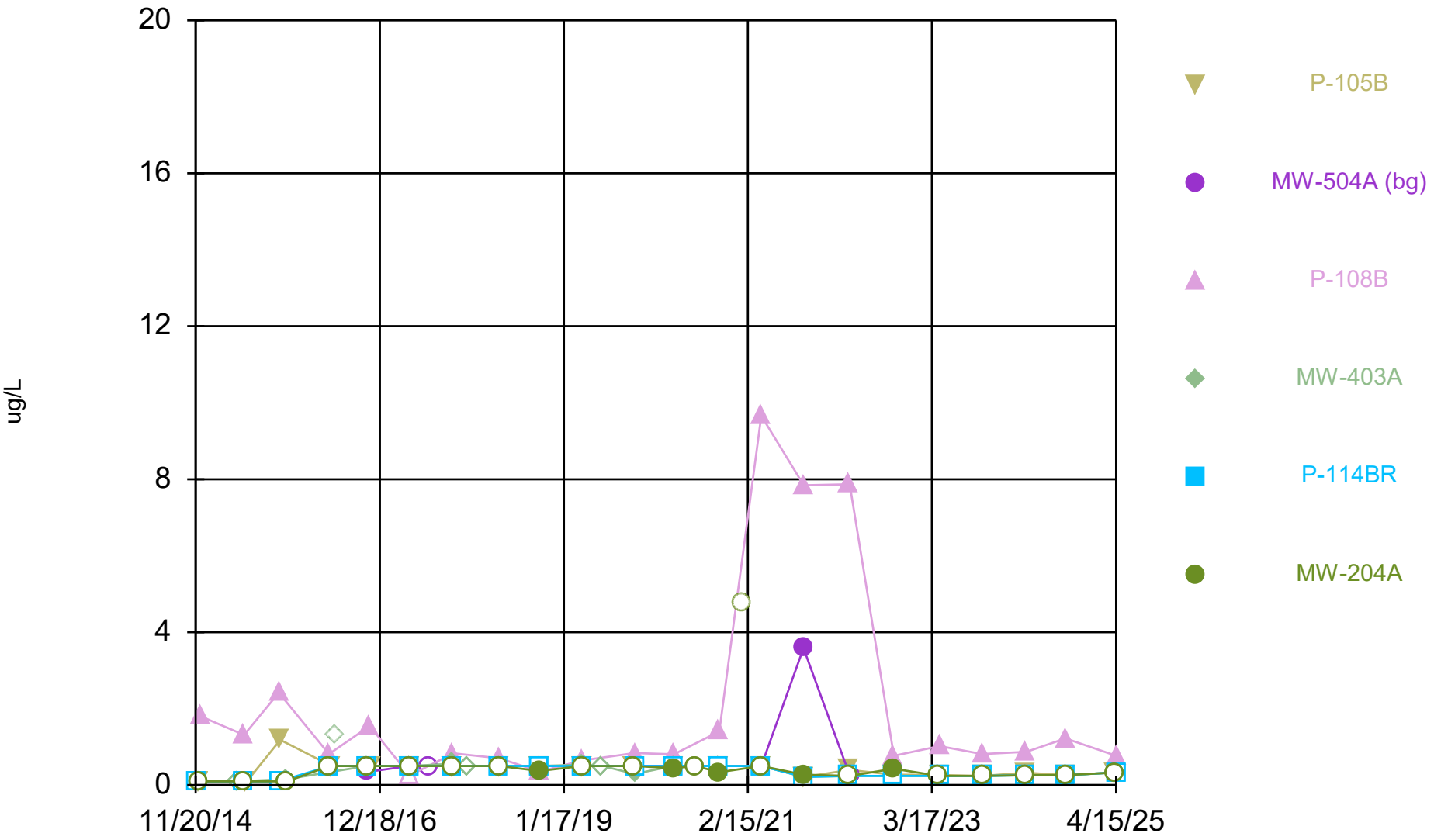

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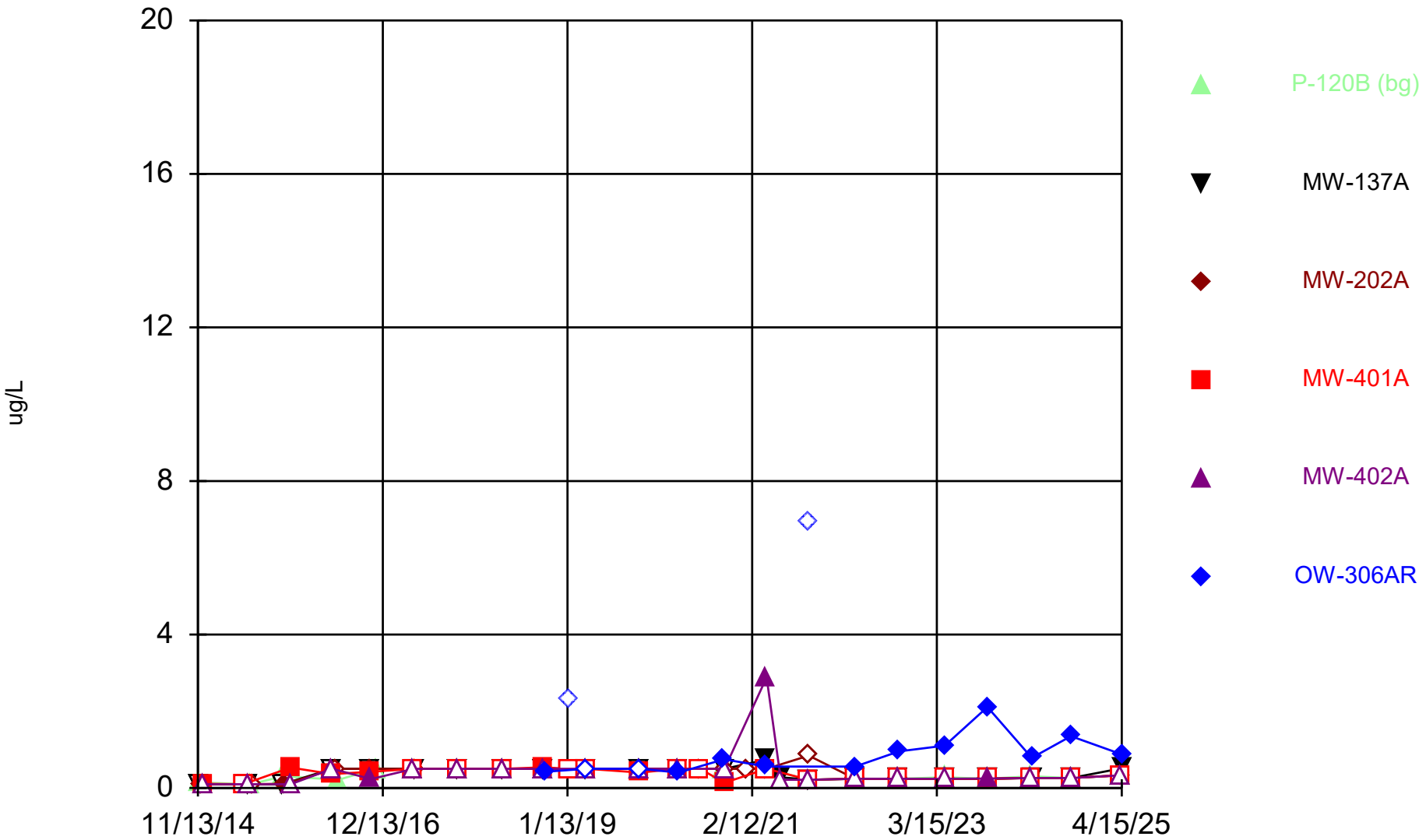

Constituent: Lead Analysis Run 6/12/2025 12:15 PM View: All Wells - Appendix I Metals DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
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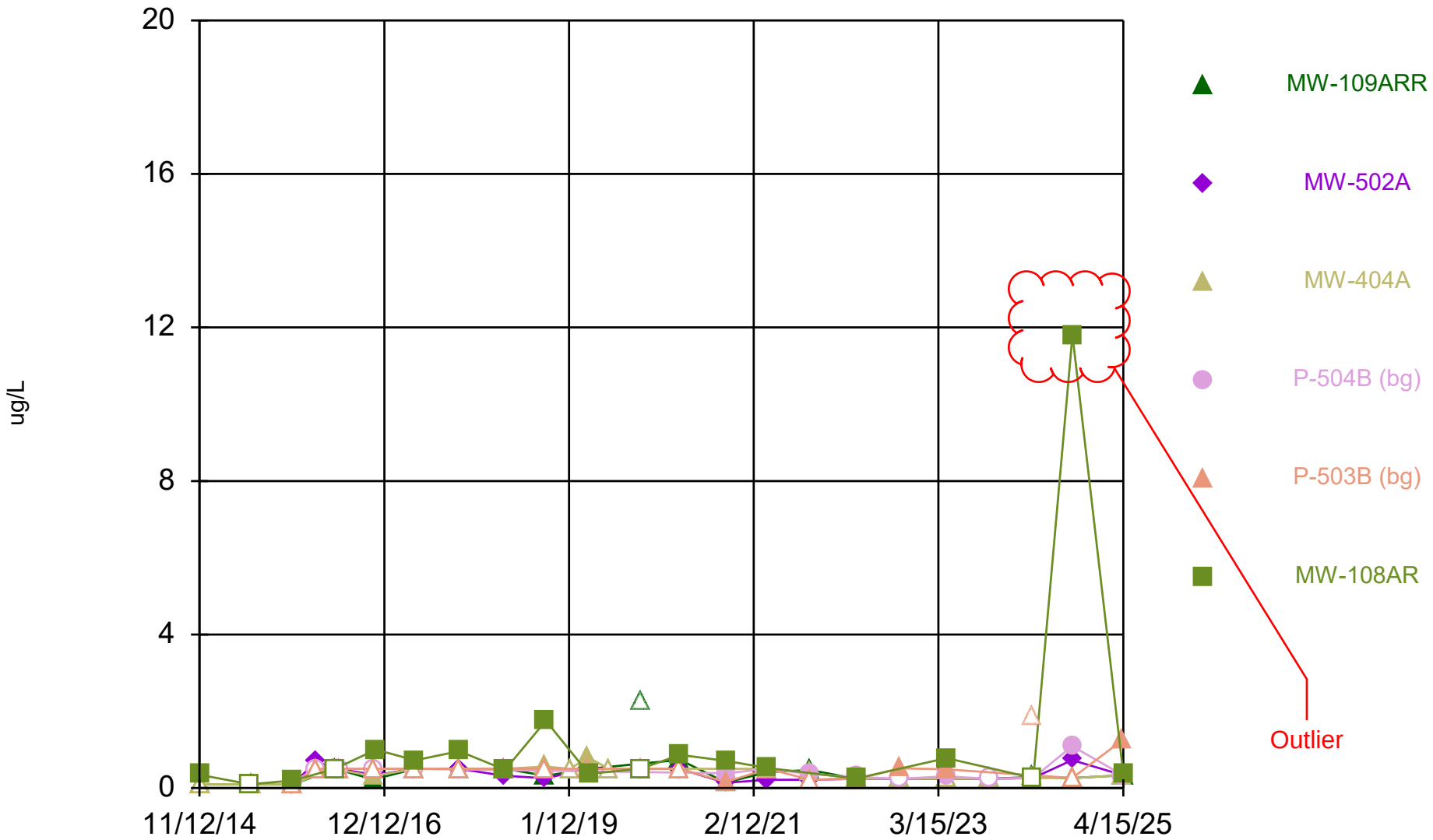

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Hollow symbols indicate censored values.

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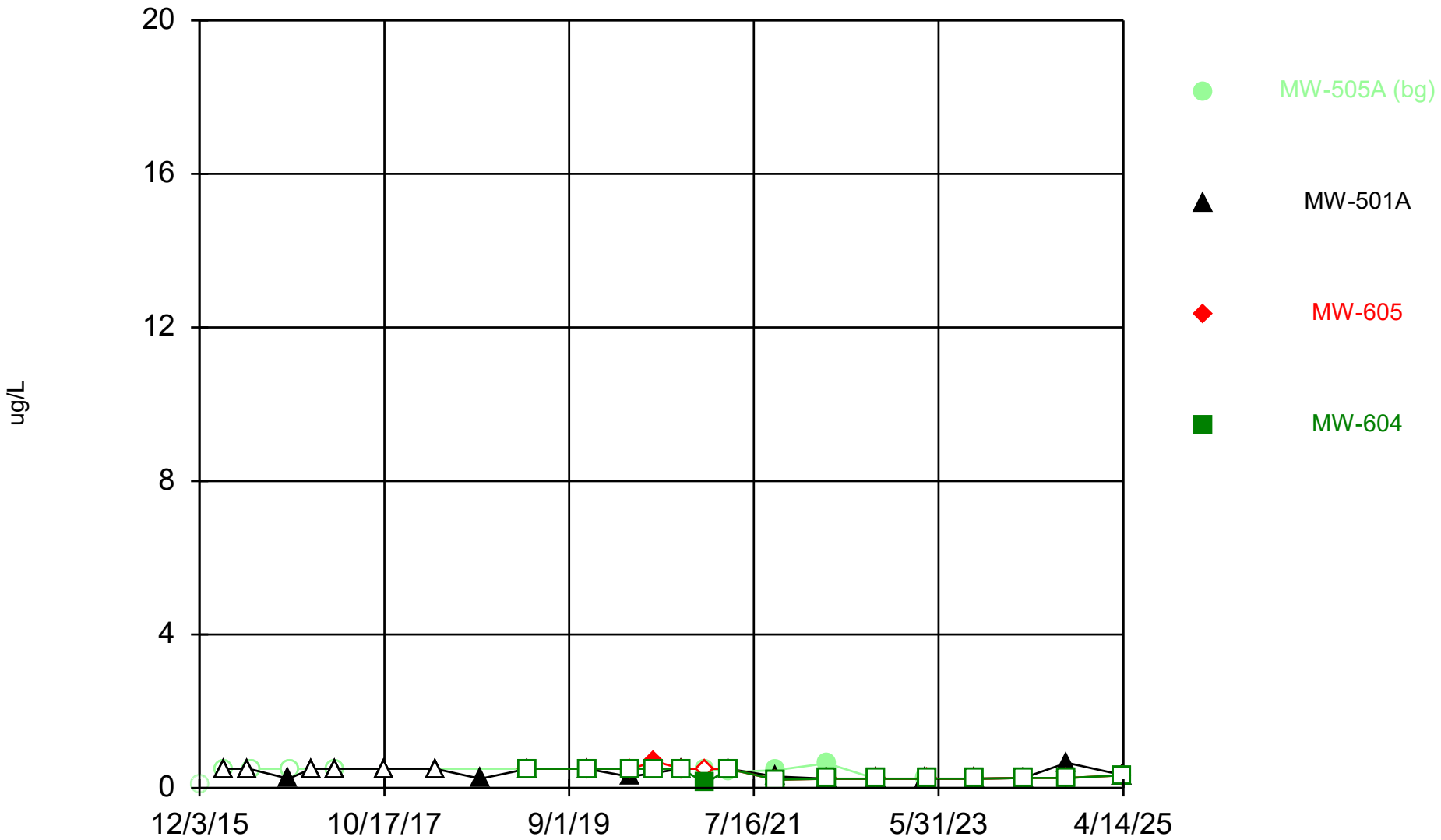

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DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
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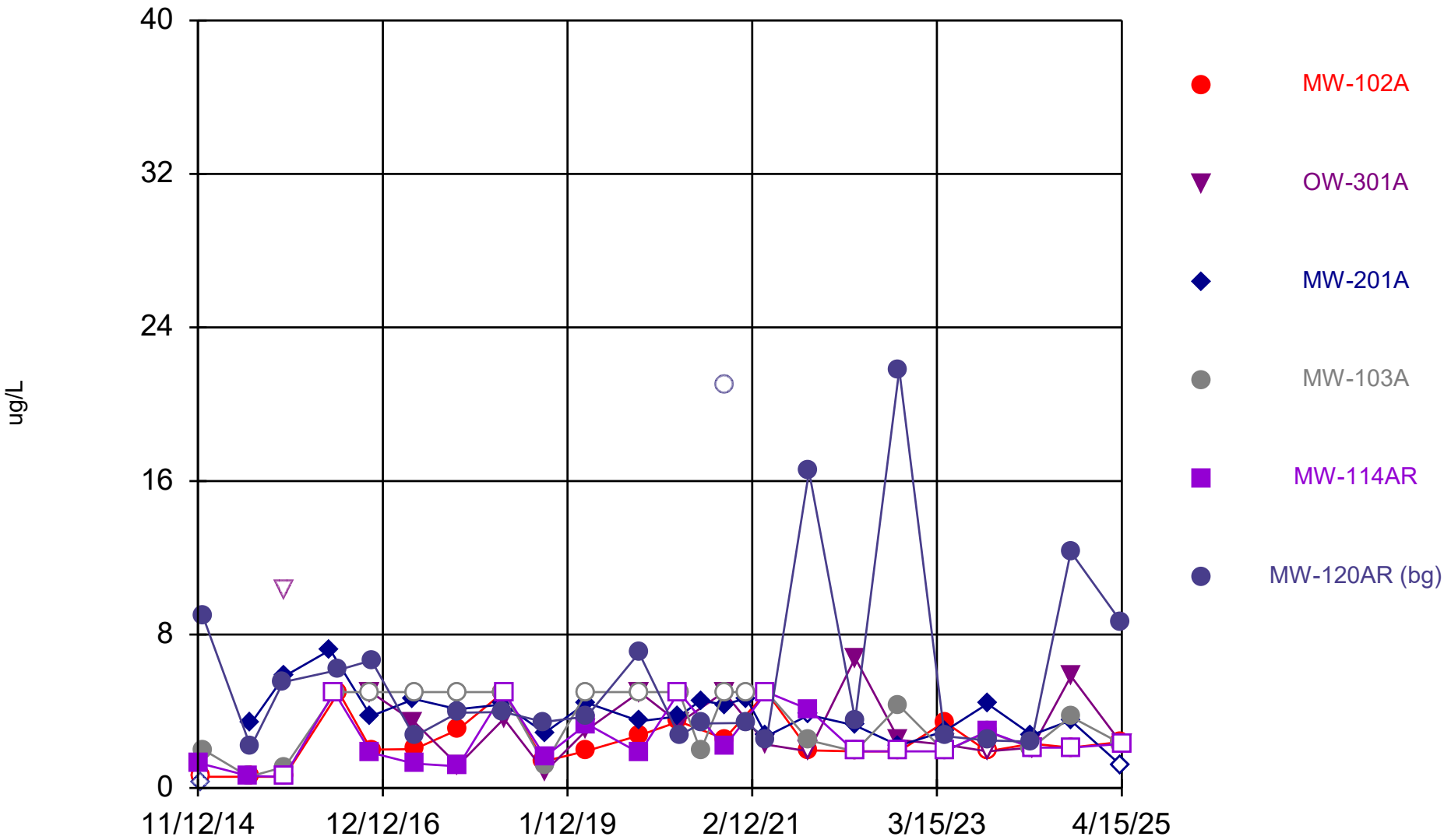

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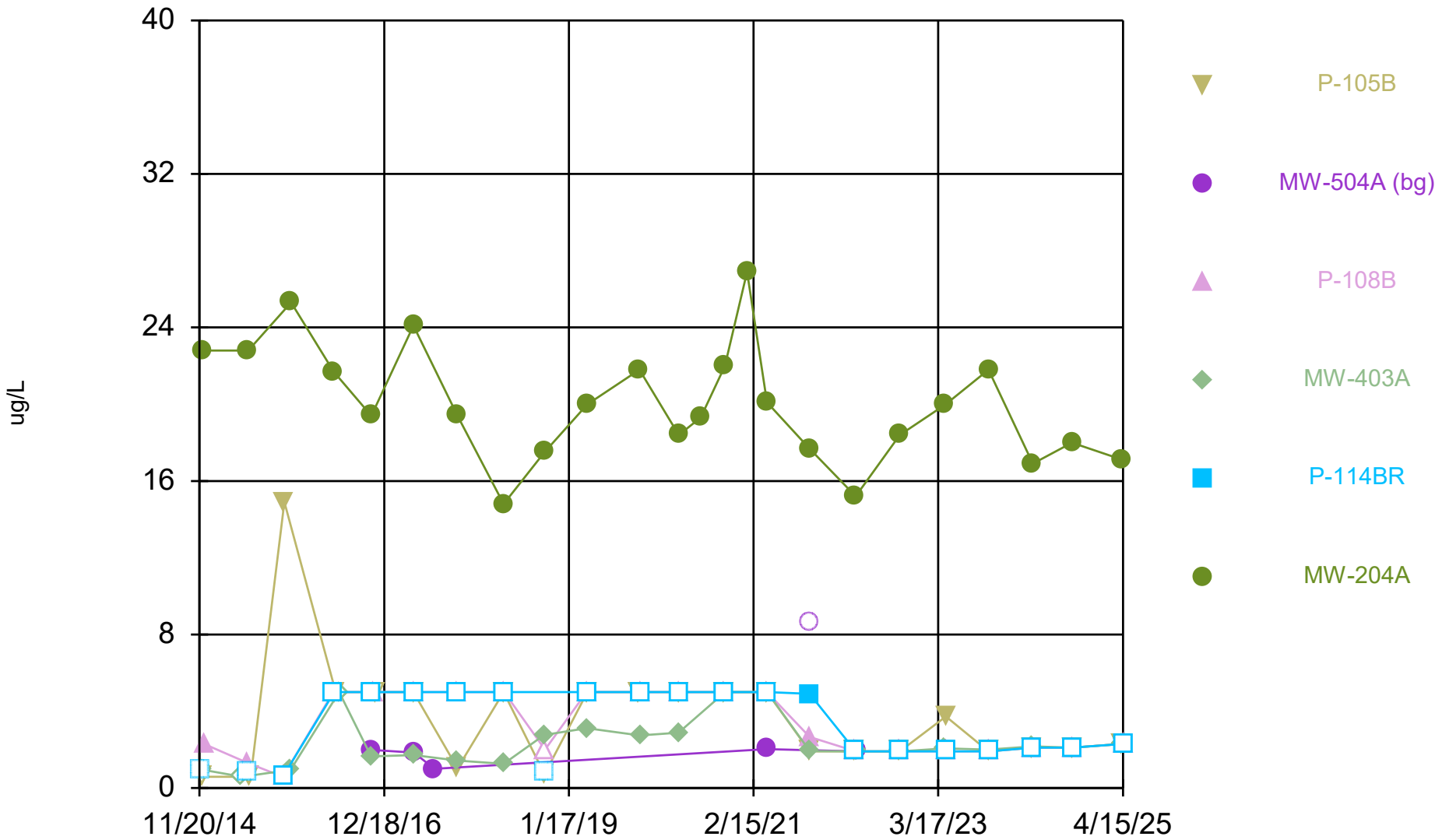
Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series



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DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
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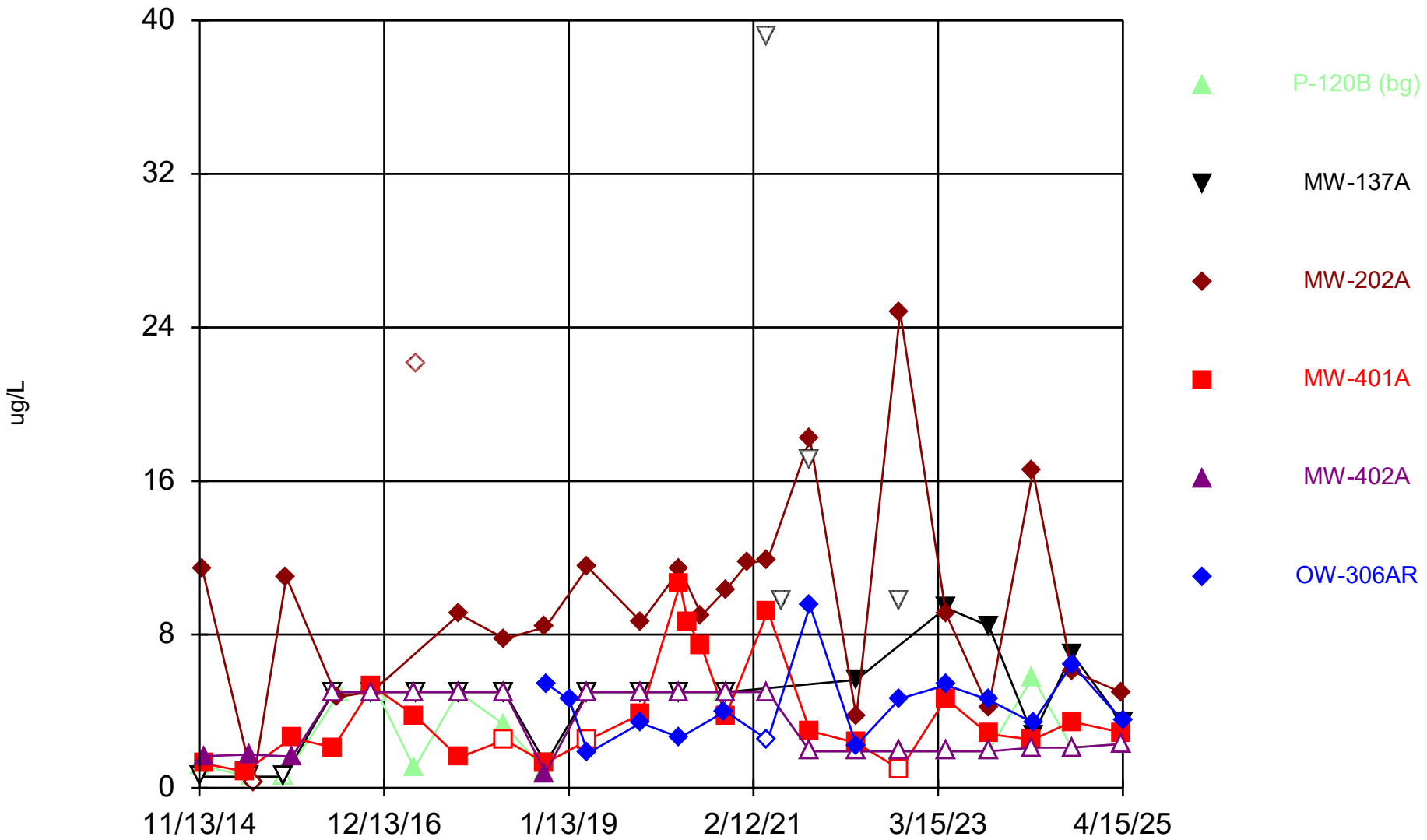

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Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
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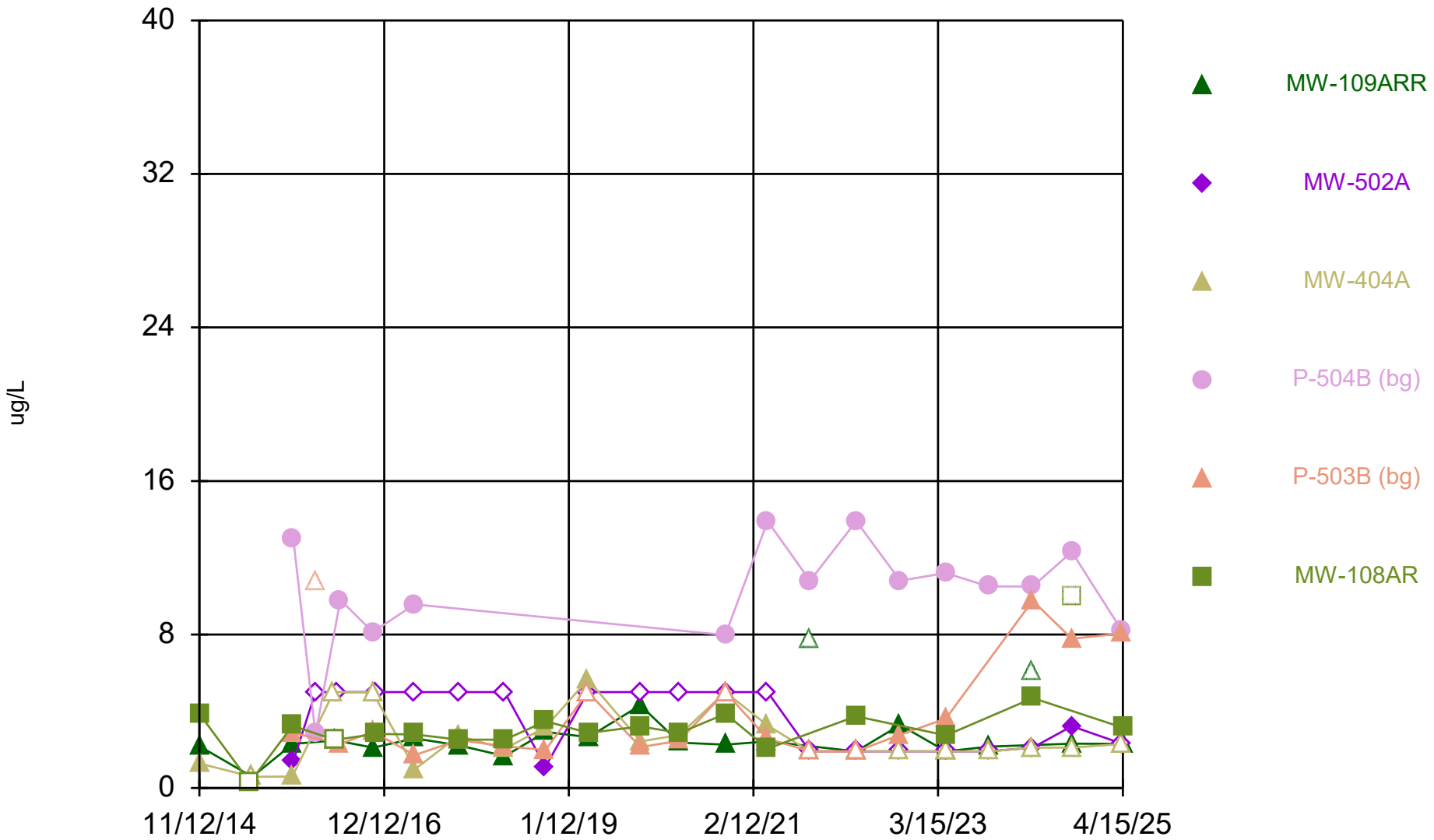

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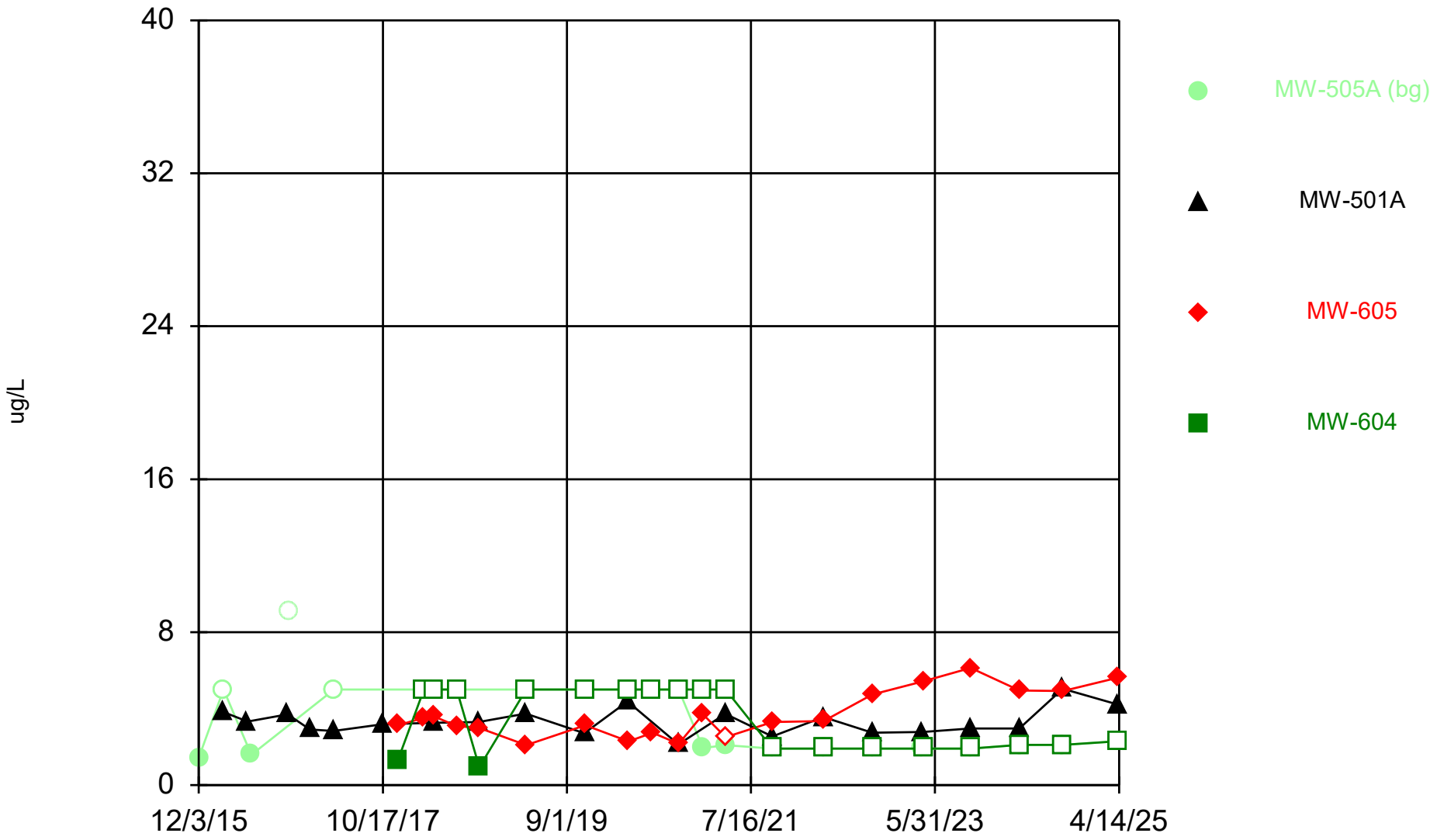

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Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

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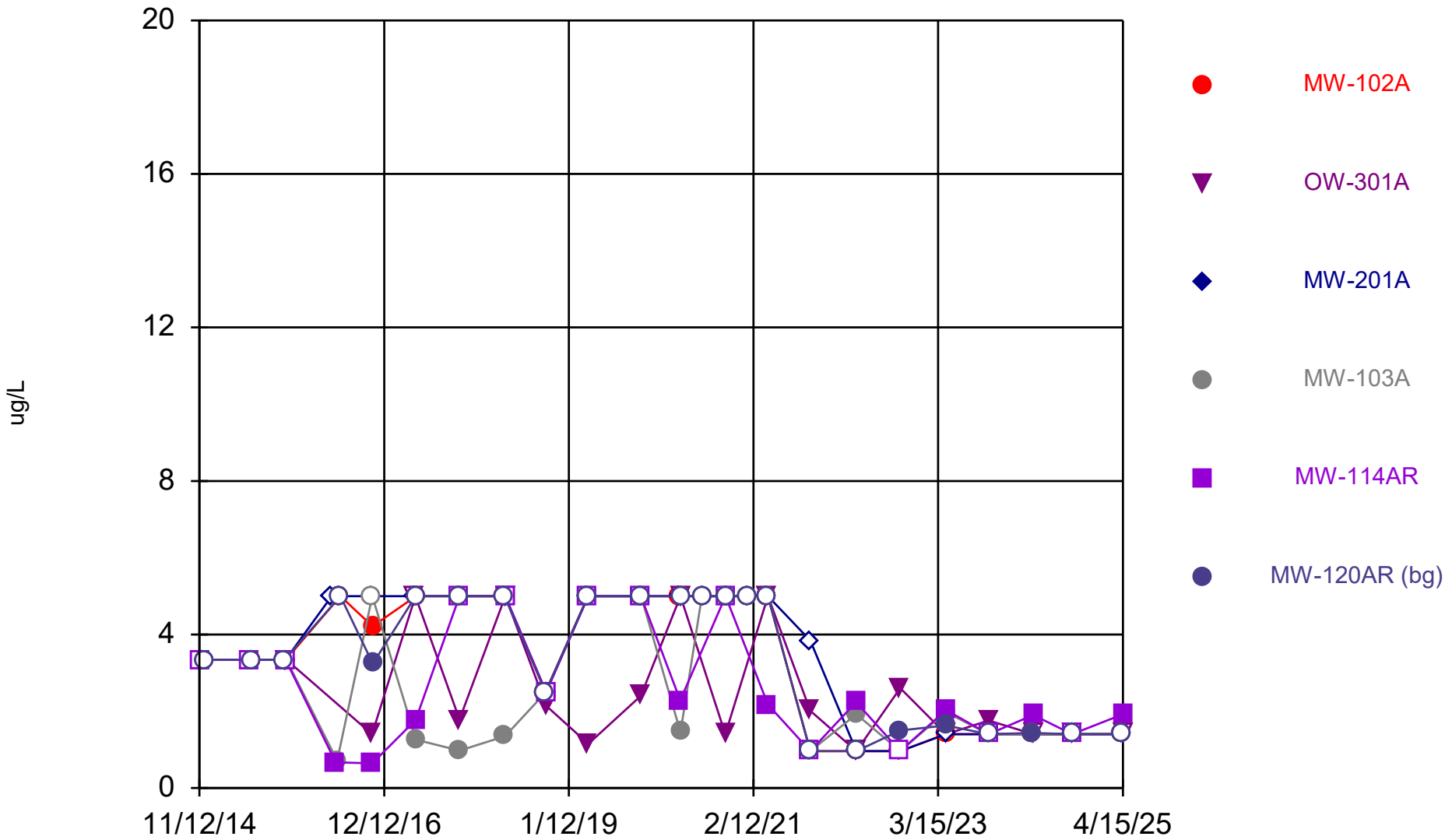

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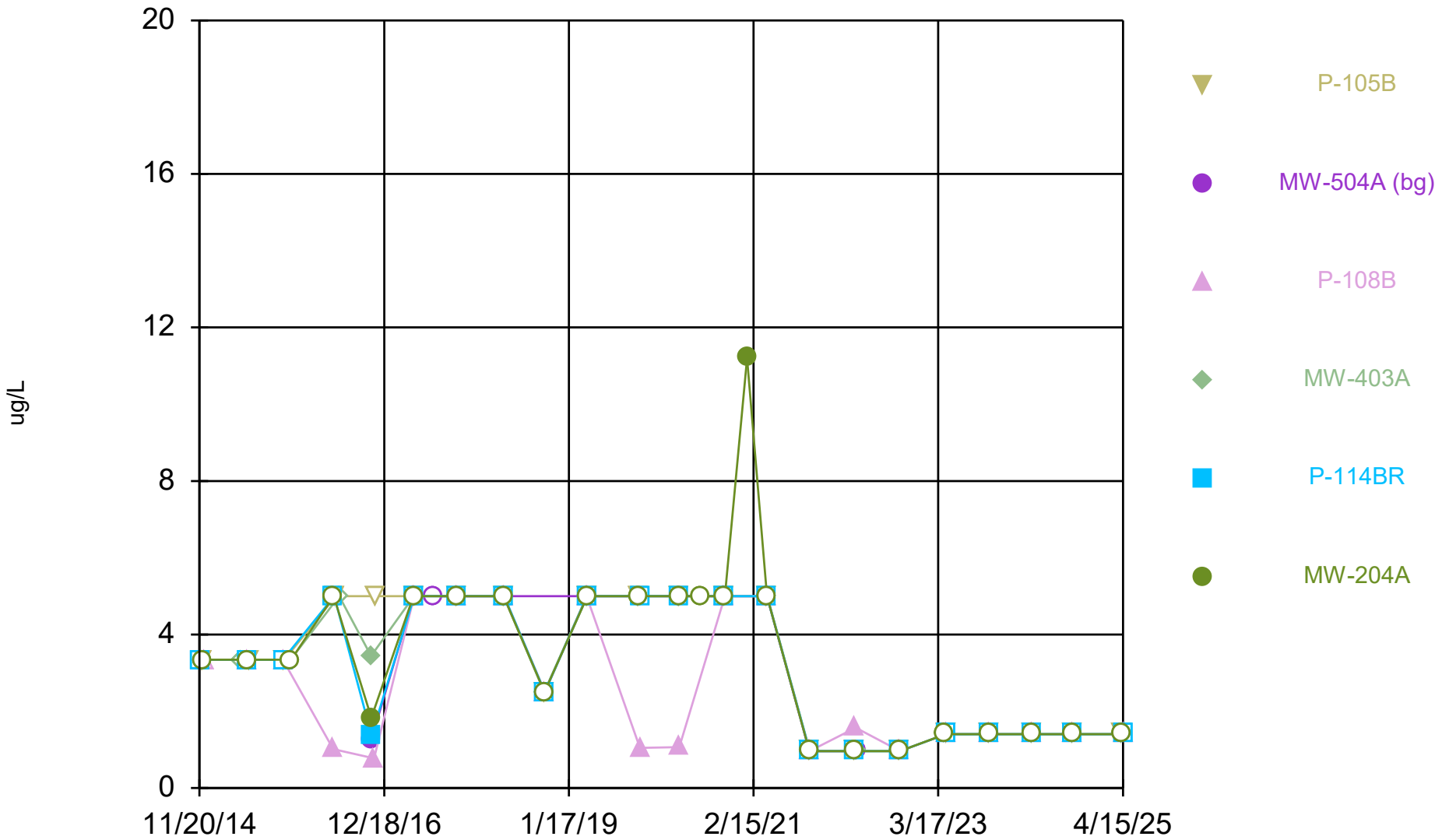

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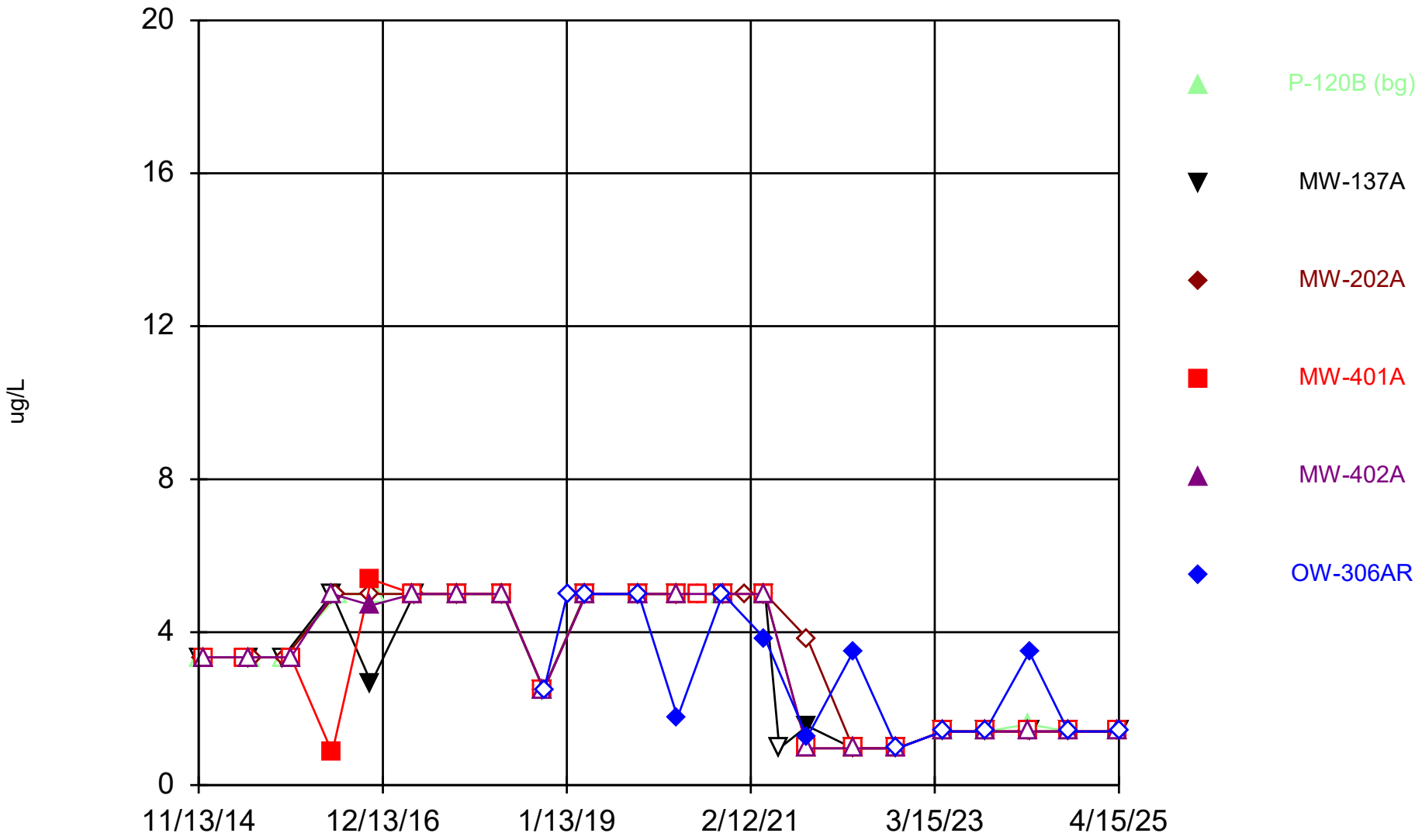

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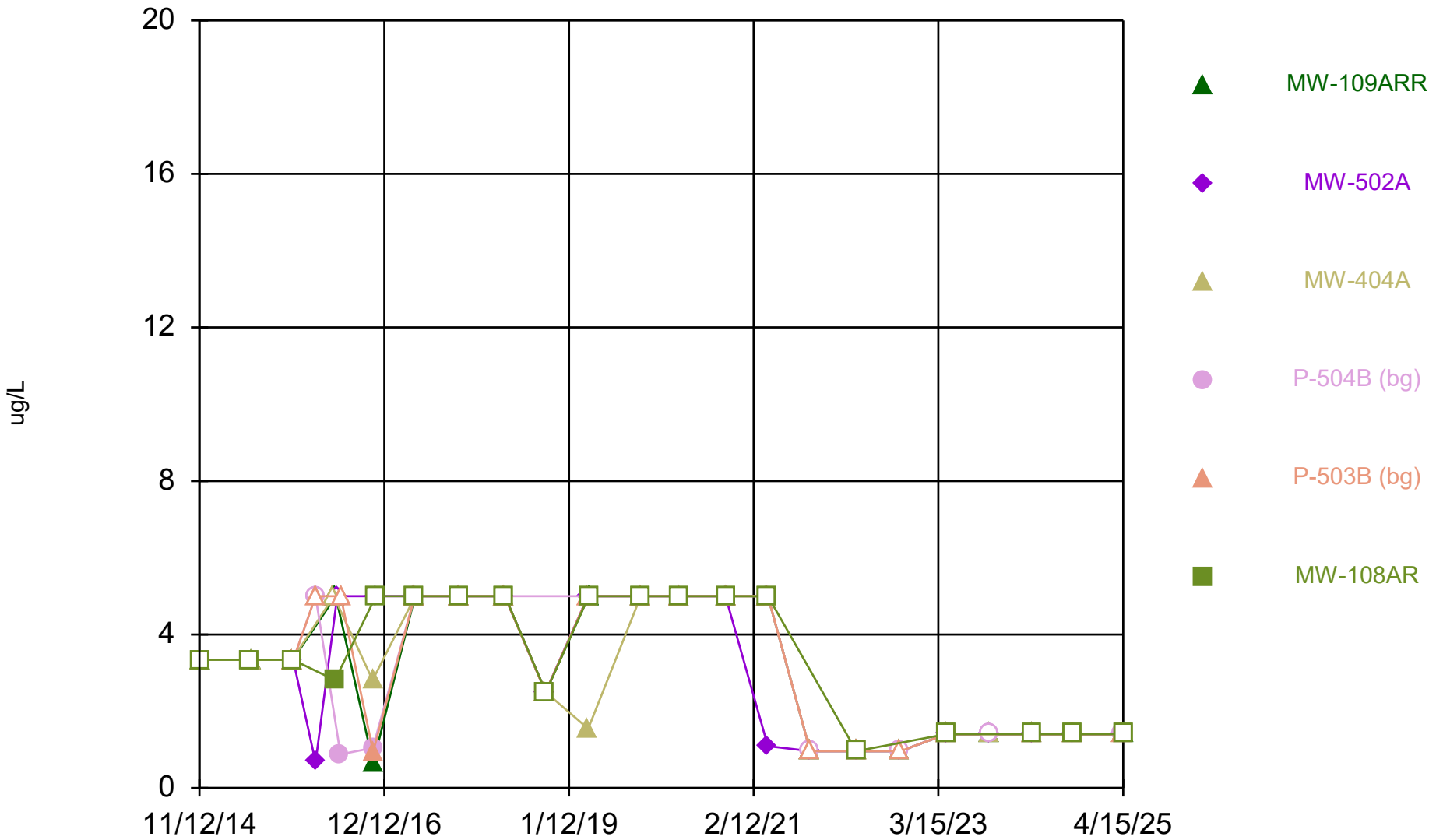

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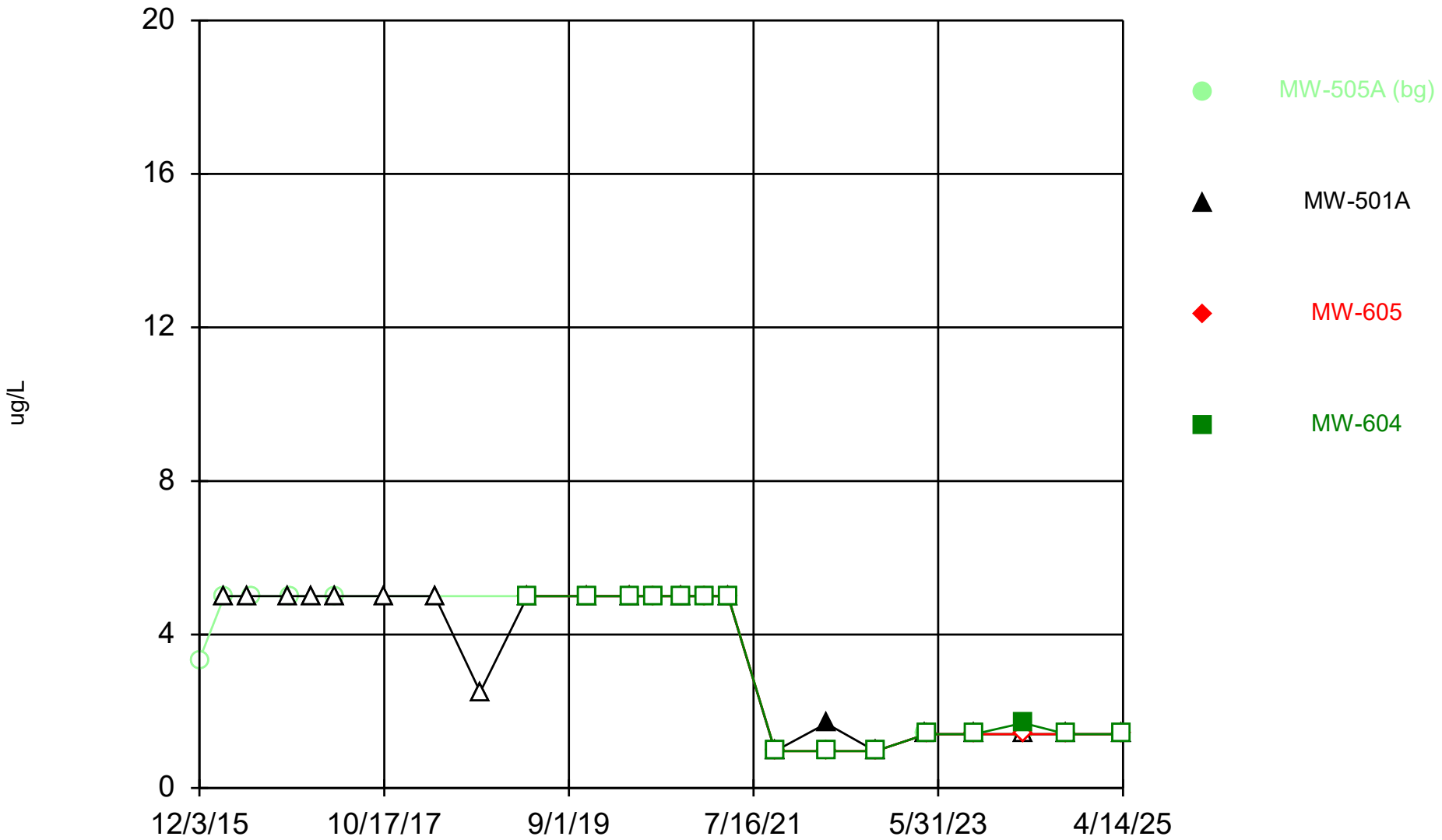

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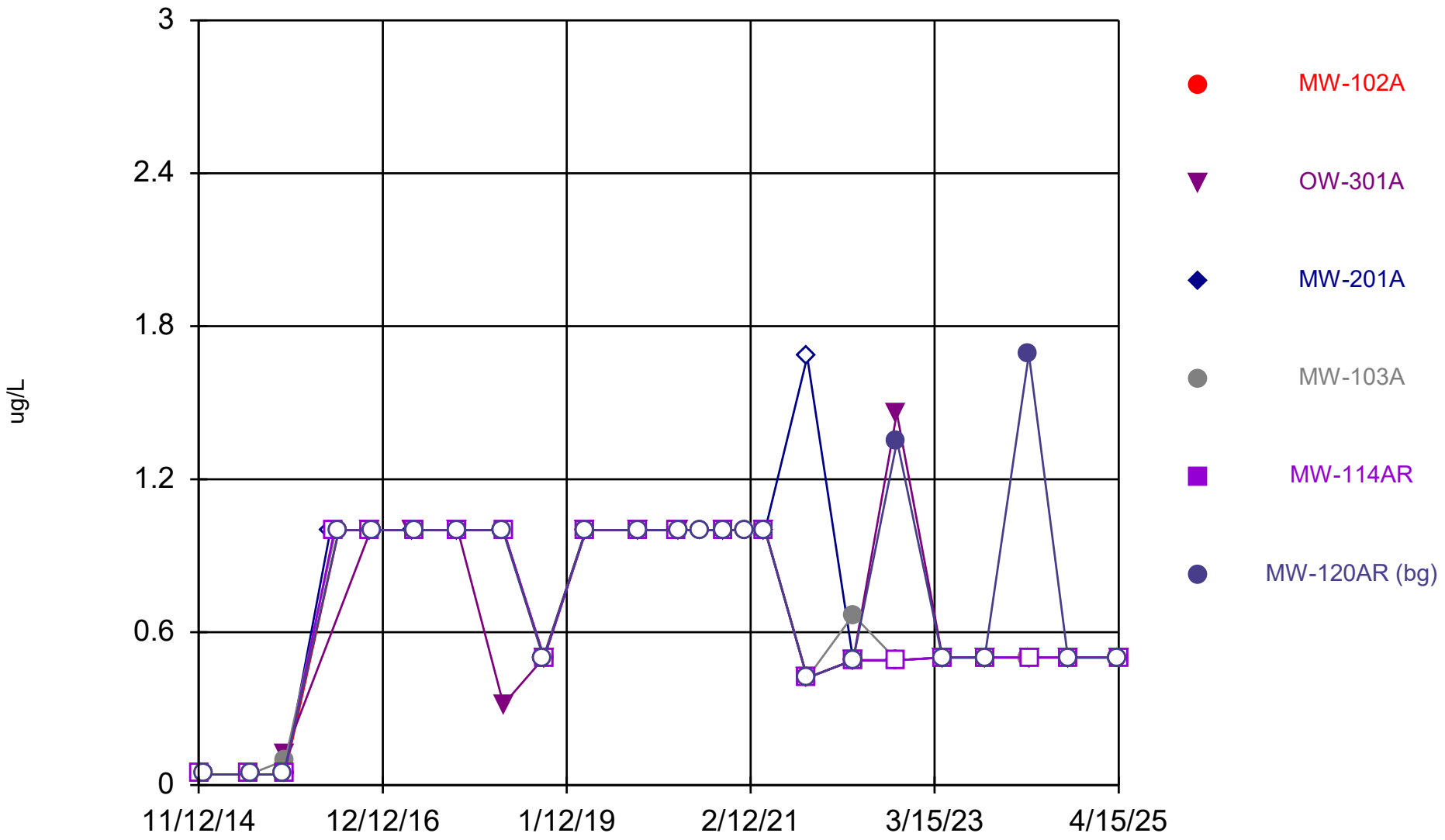

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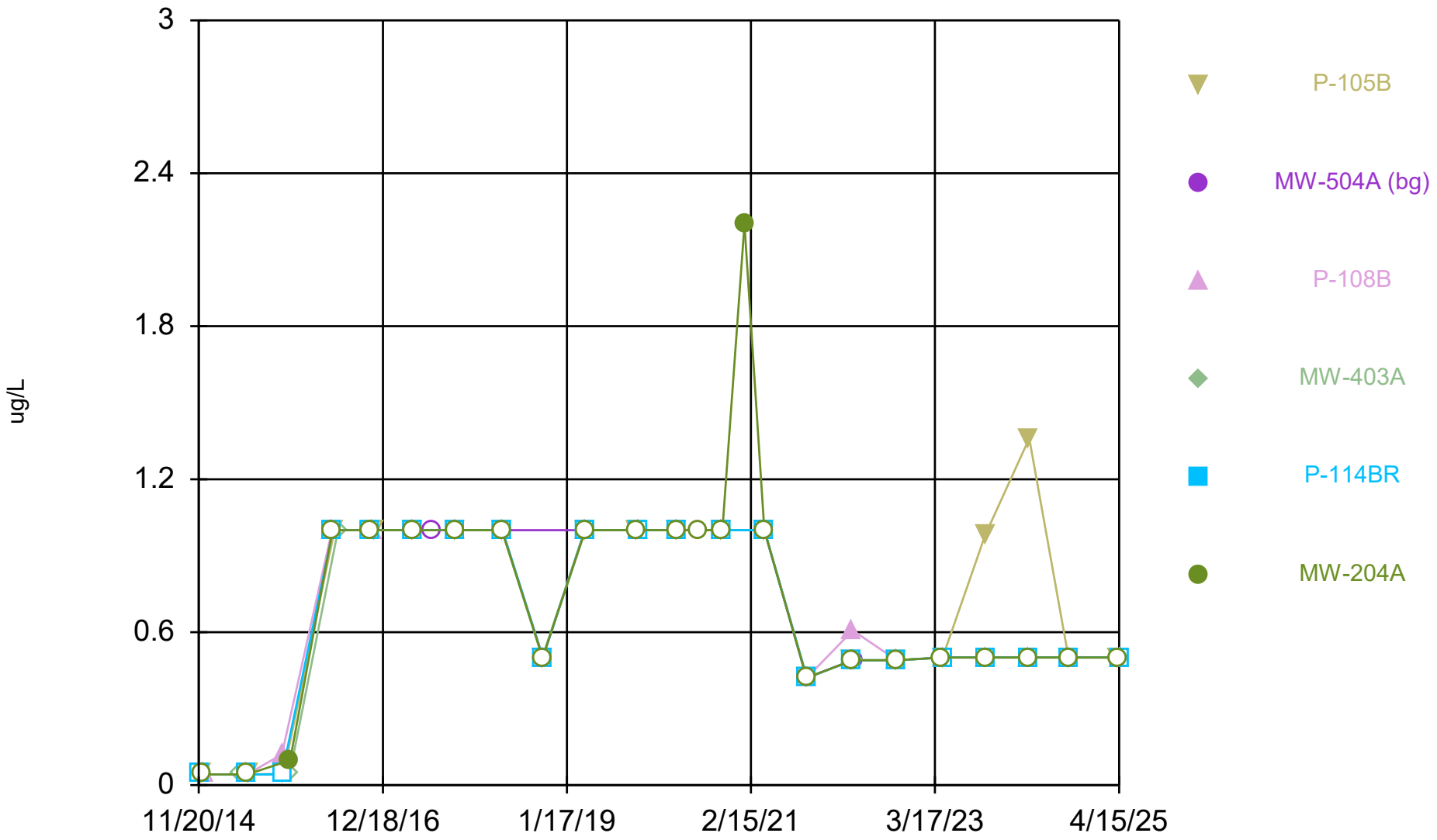

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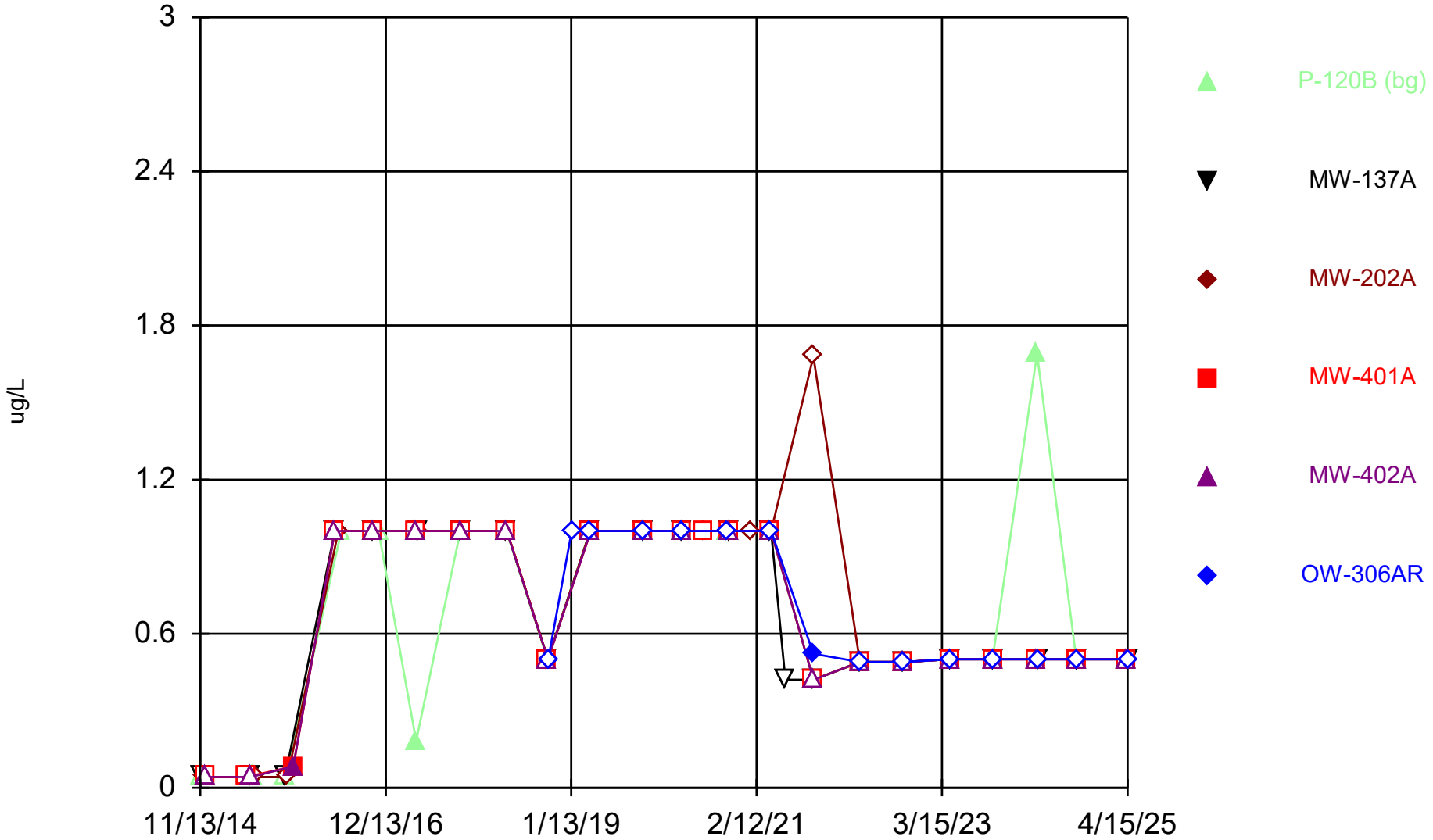

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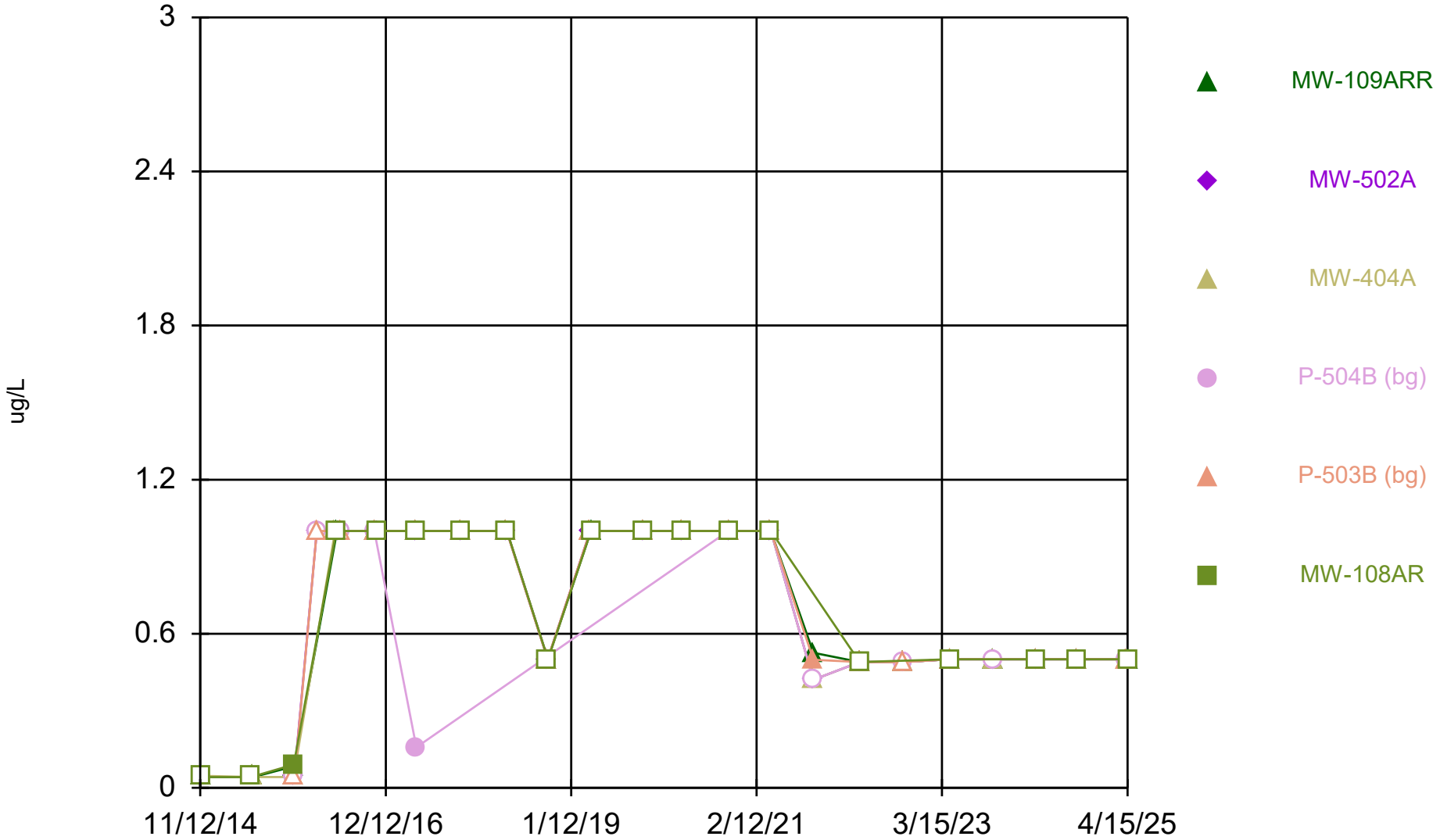

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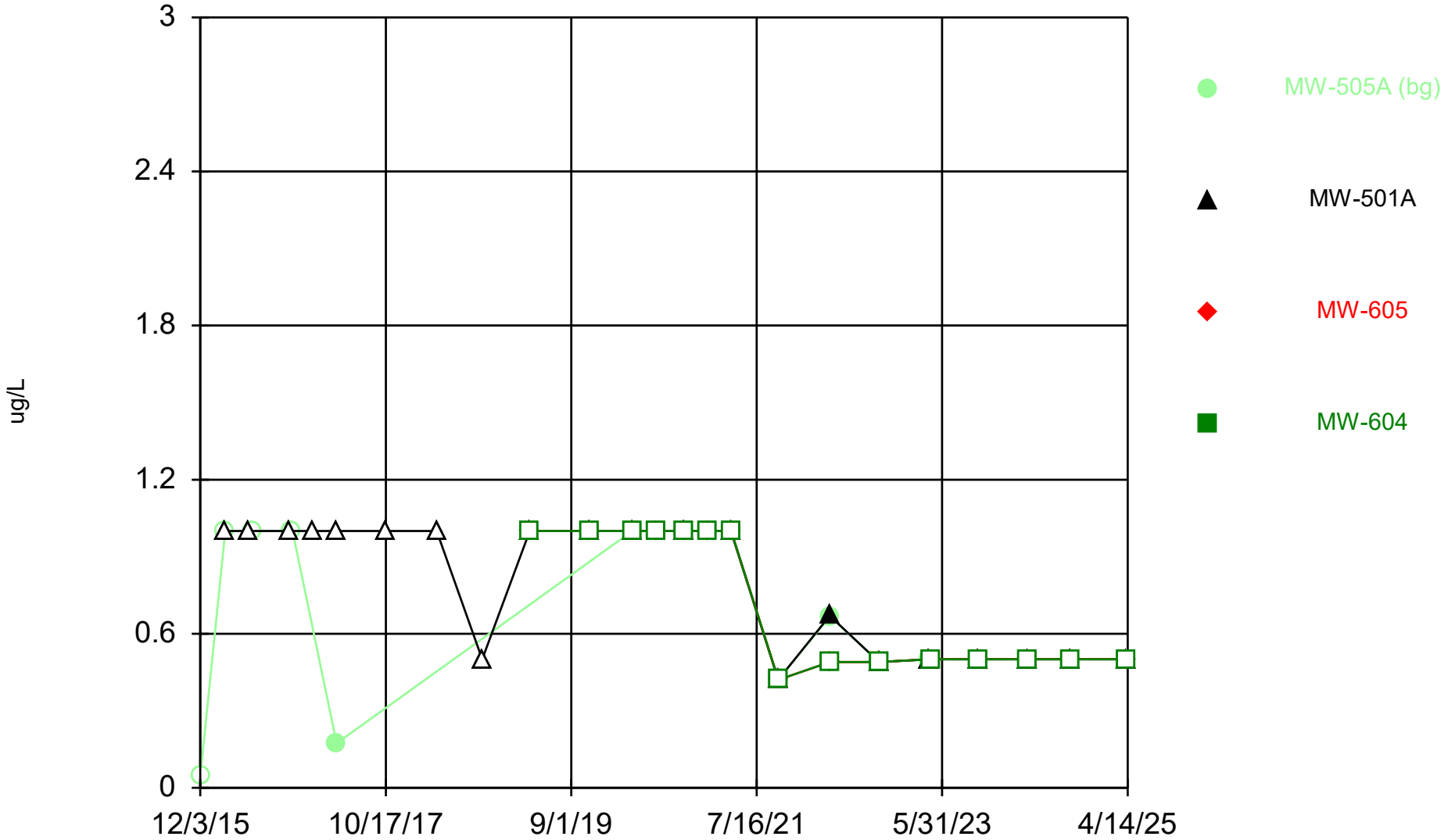

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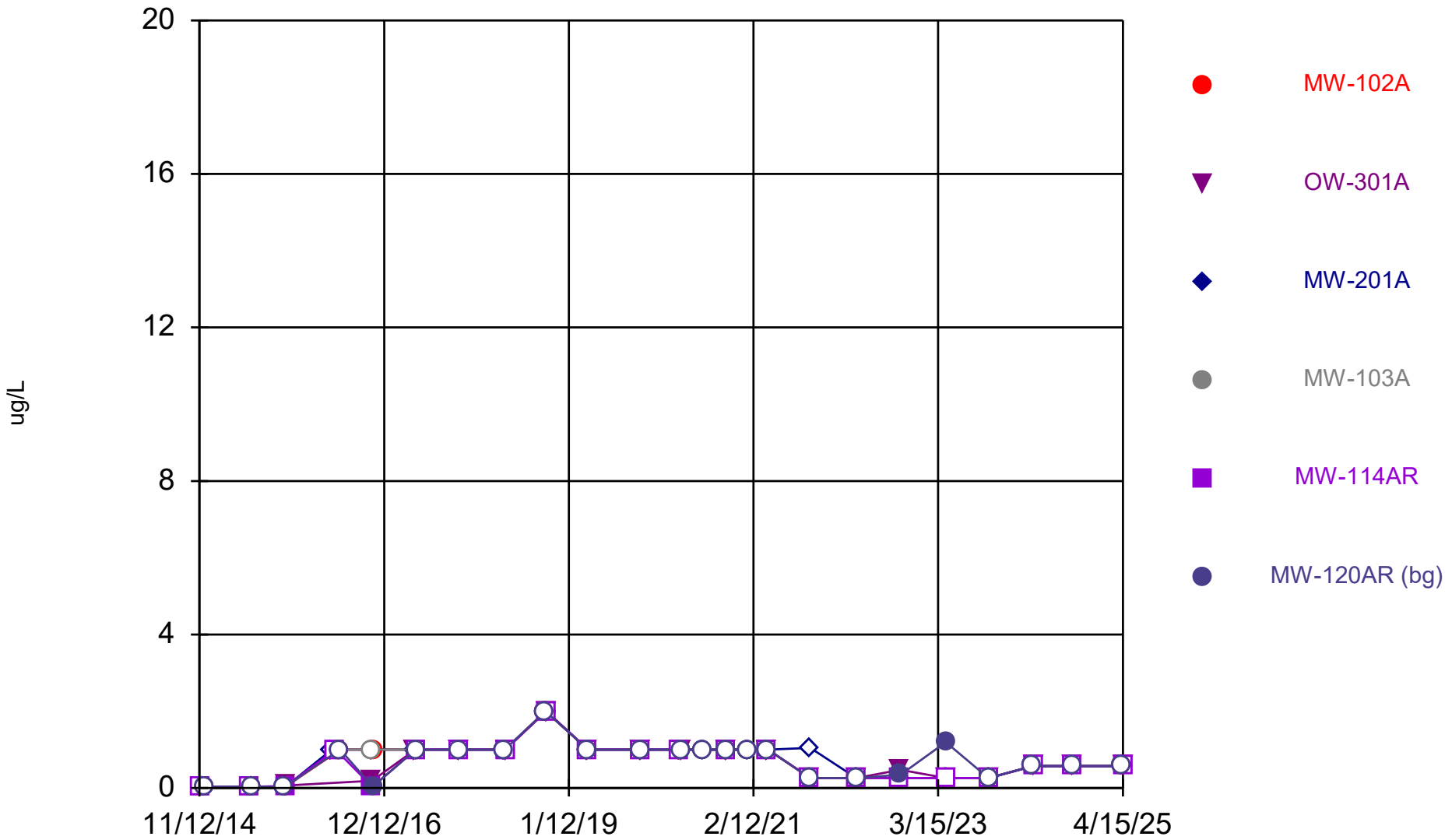

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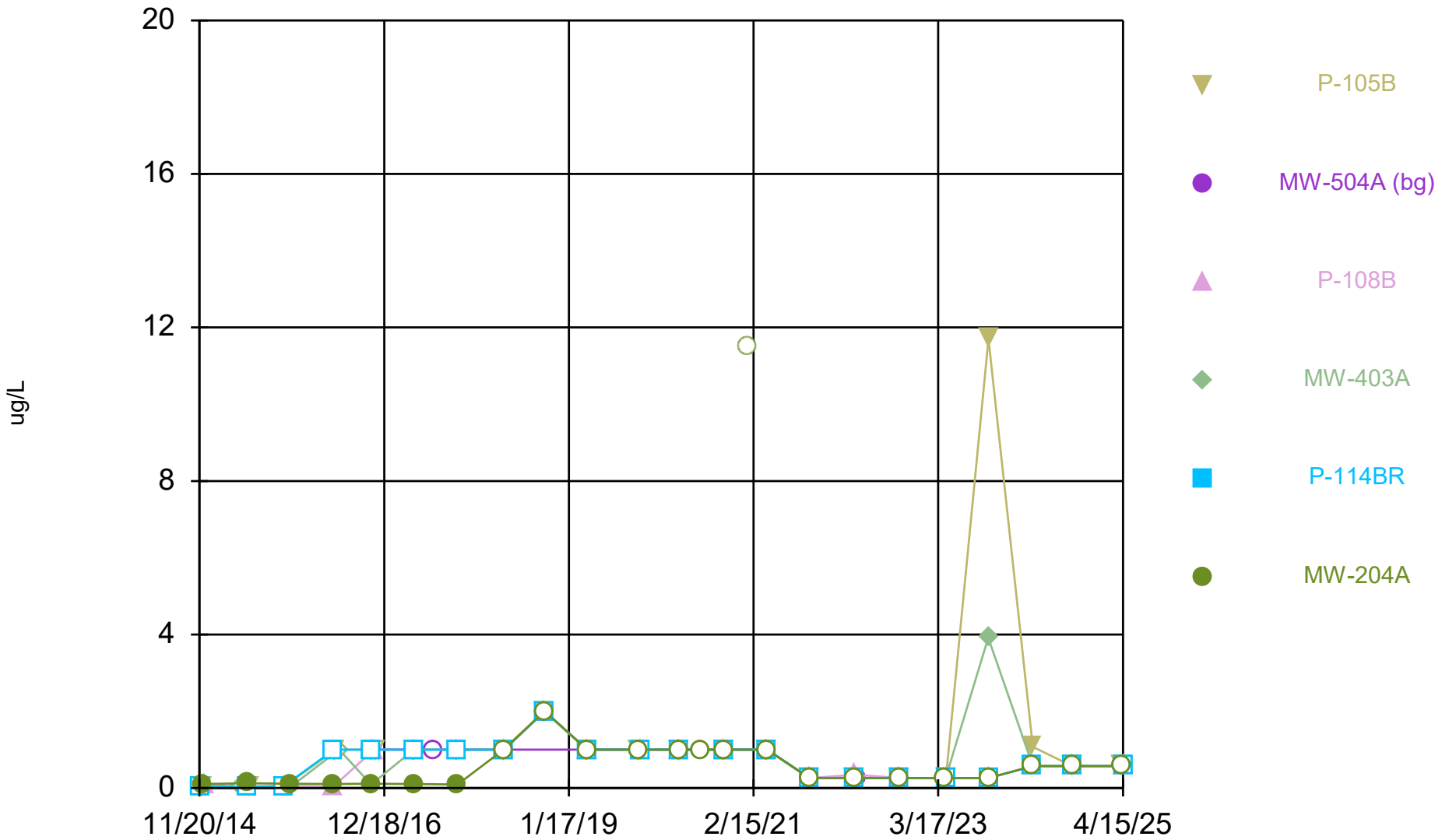

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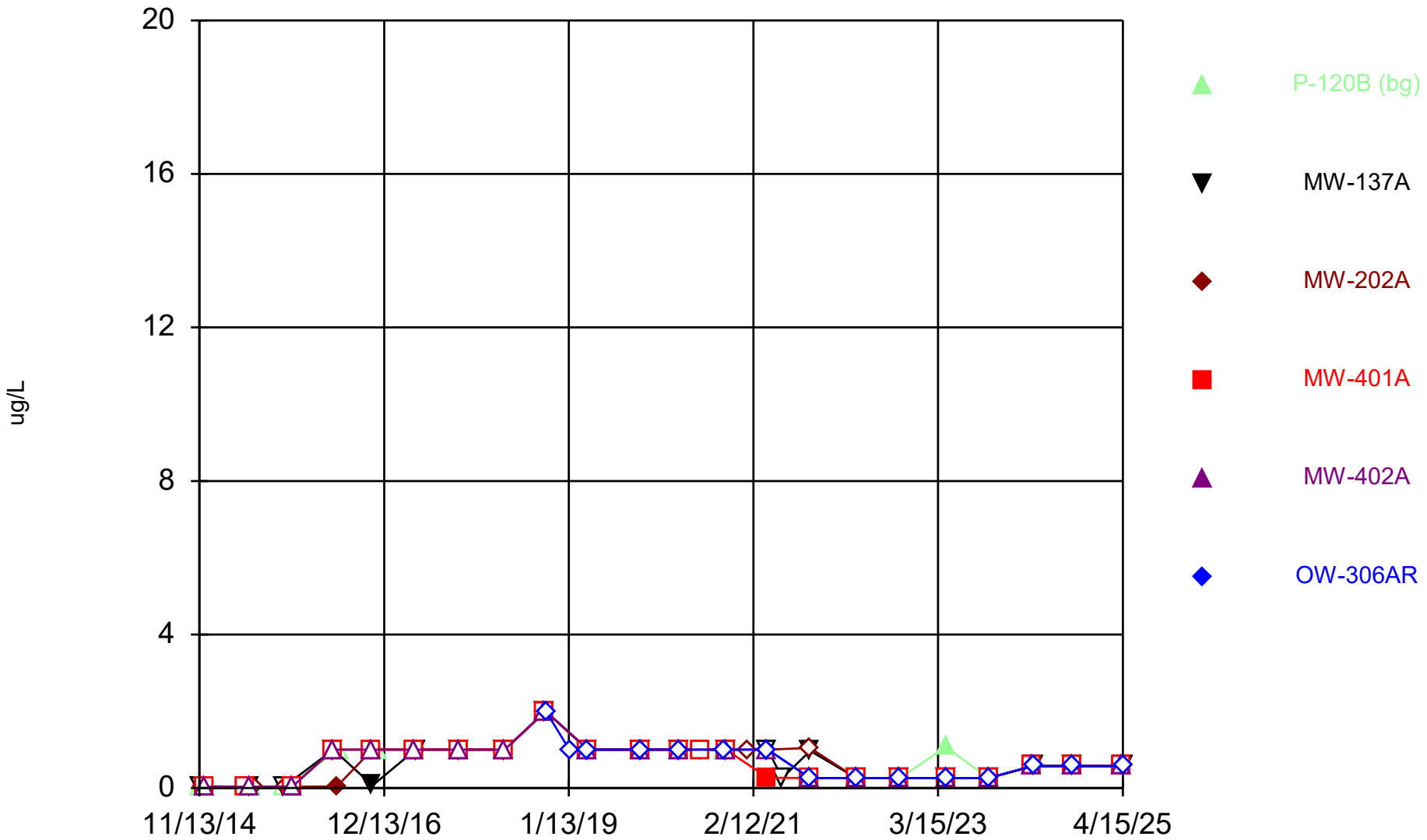

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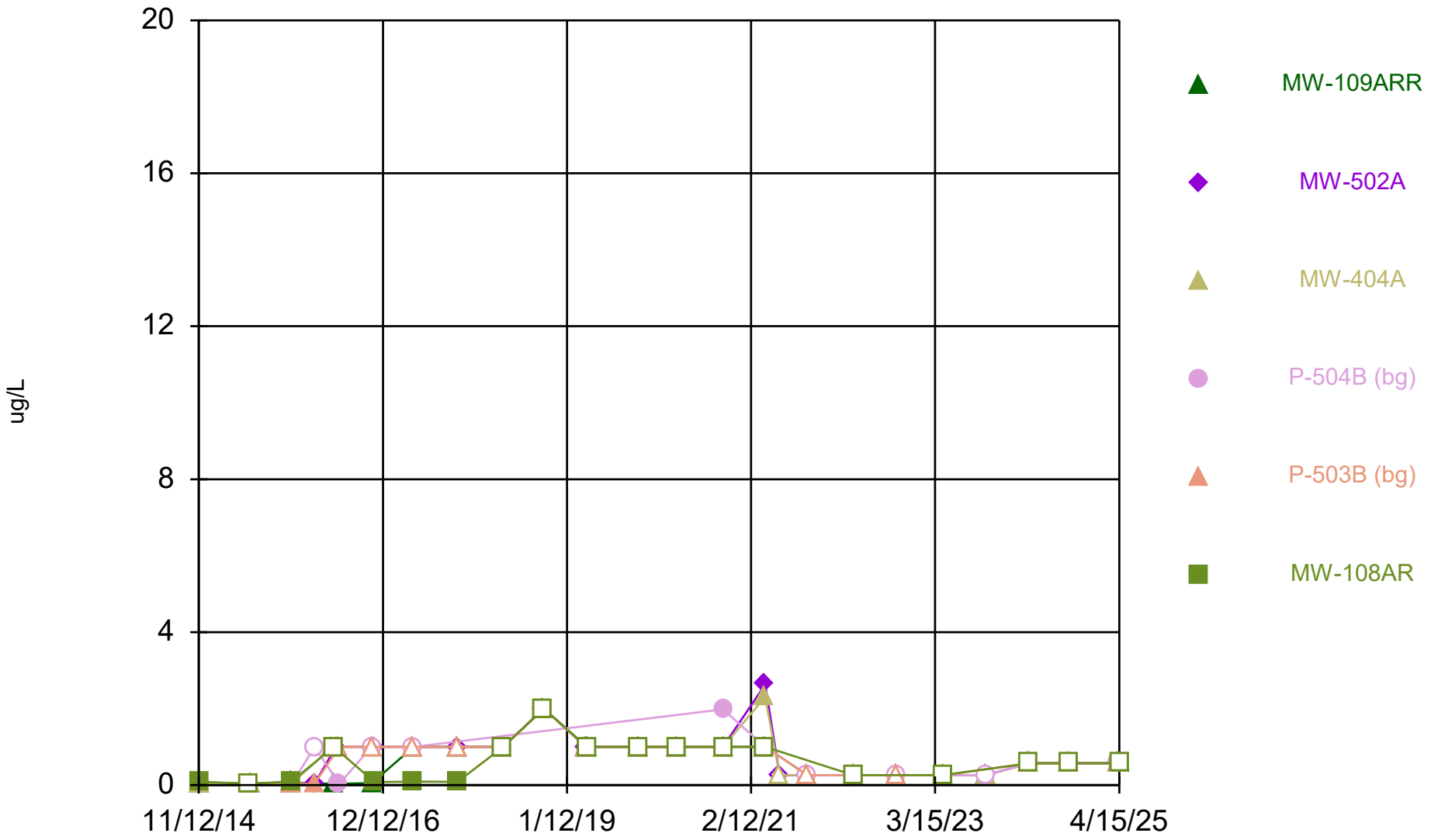

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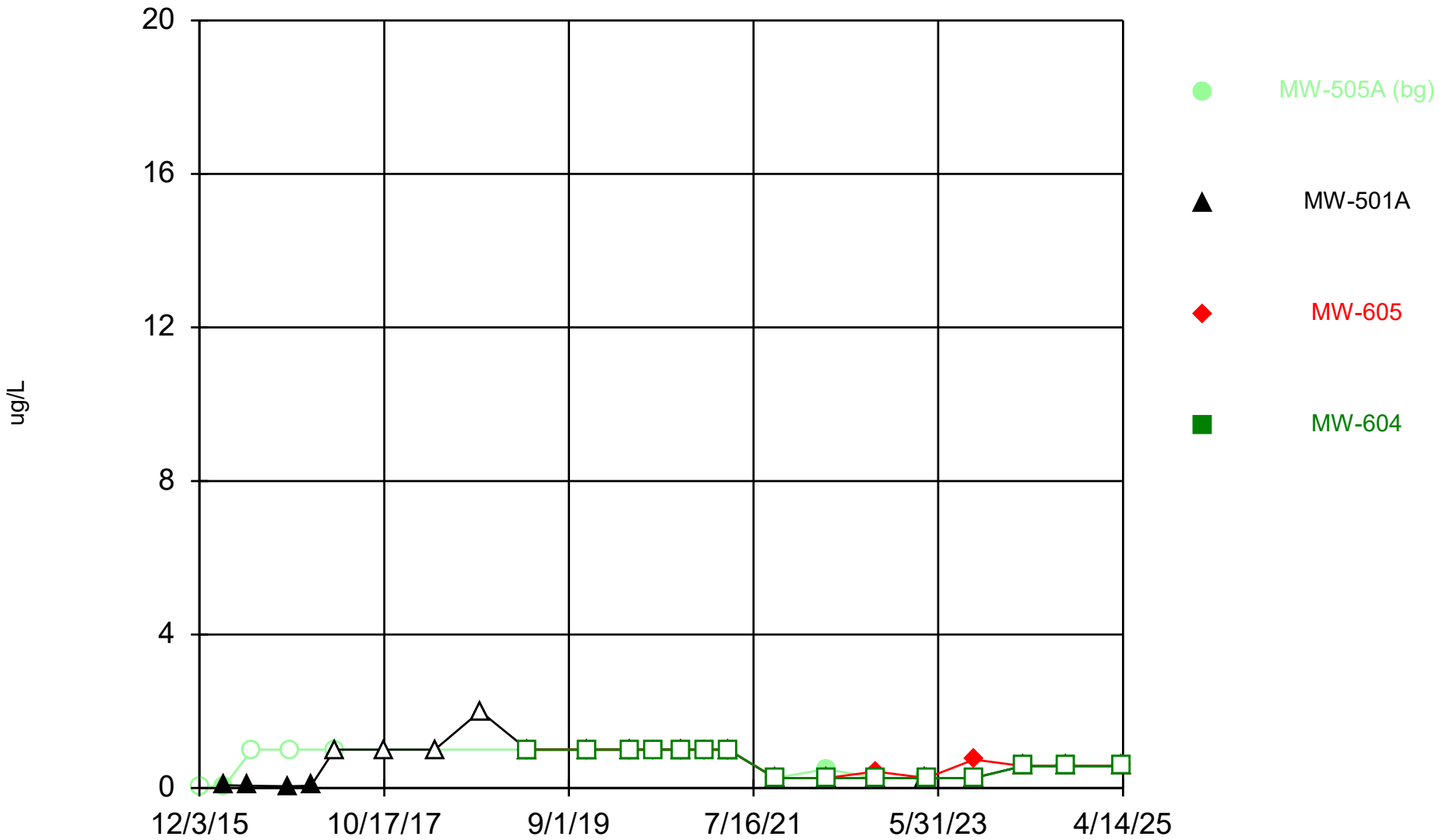

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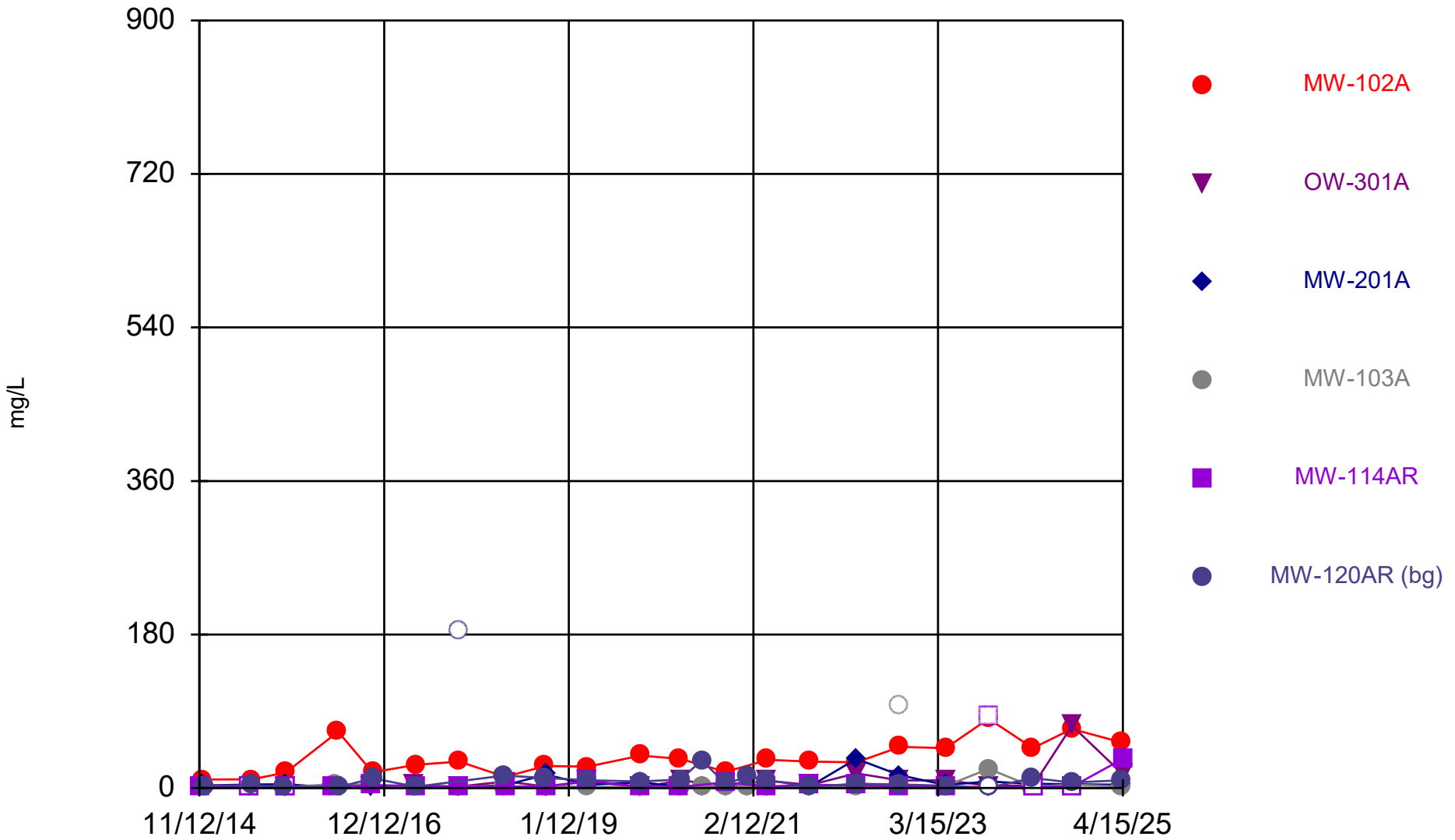

Constituent: Total Suspended Solids Analysis Run 6/12/2025 12:15 PM View: All Wells - Appendix I Metal DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
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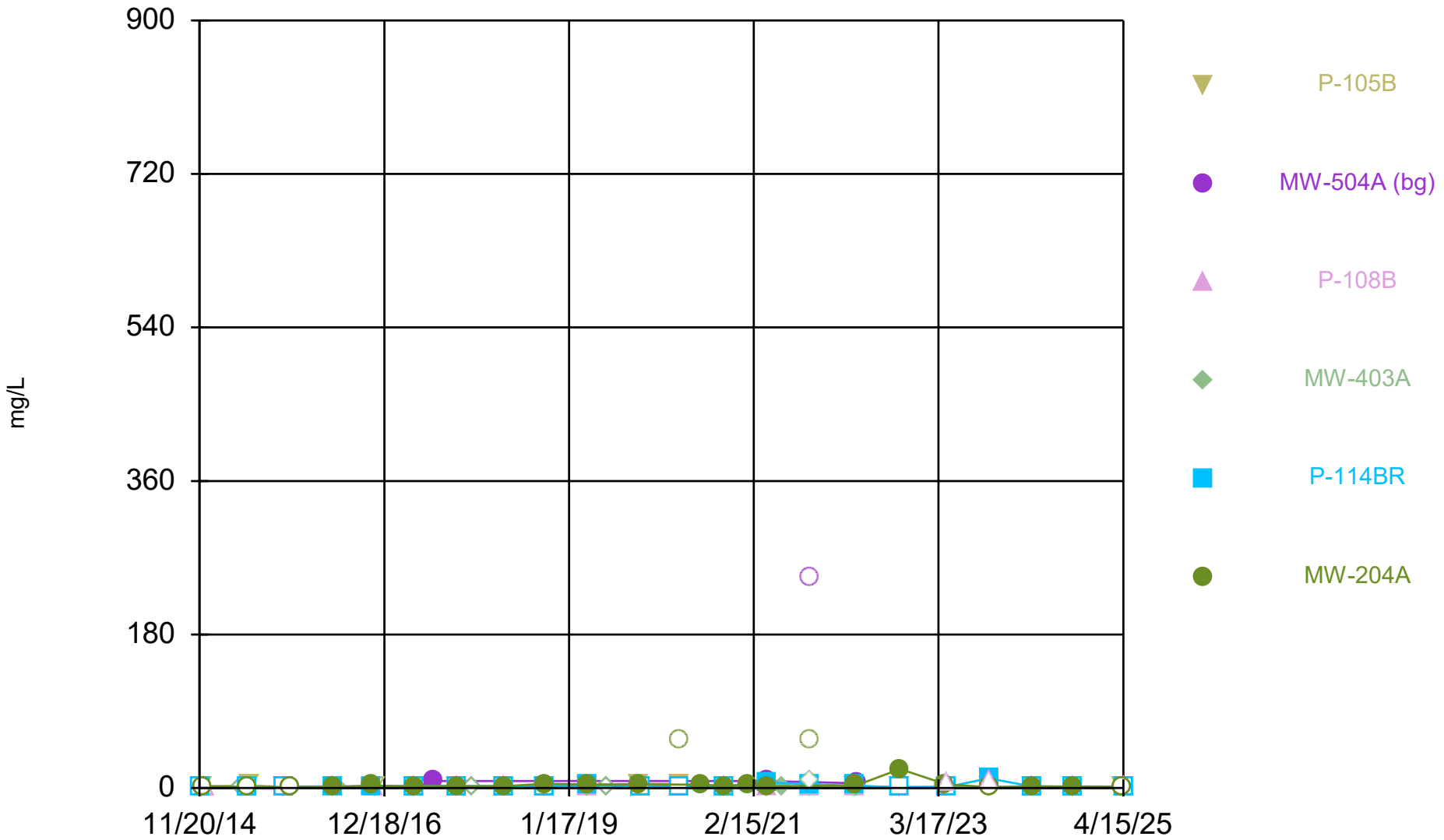

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Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
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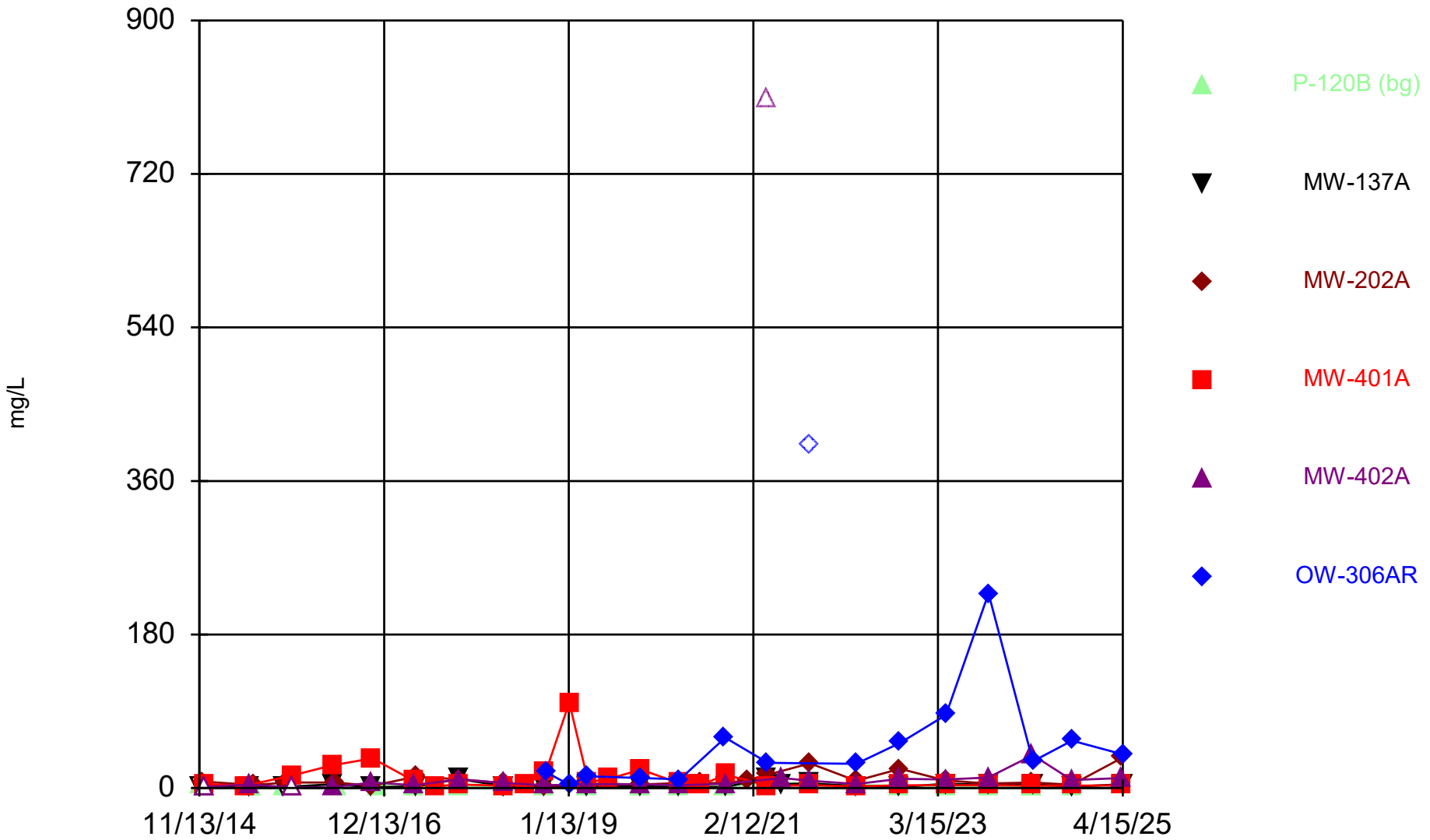

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Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
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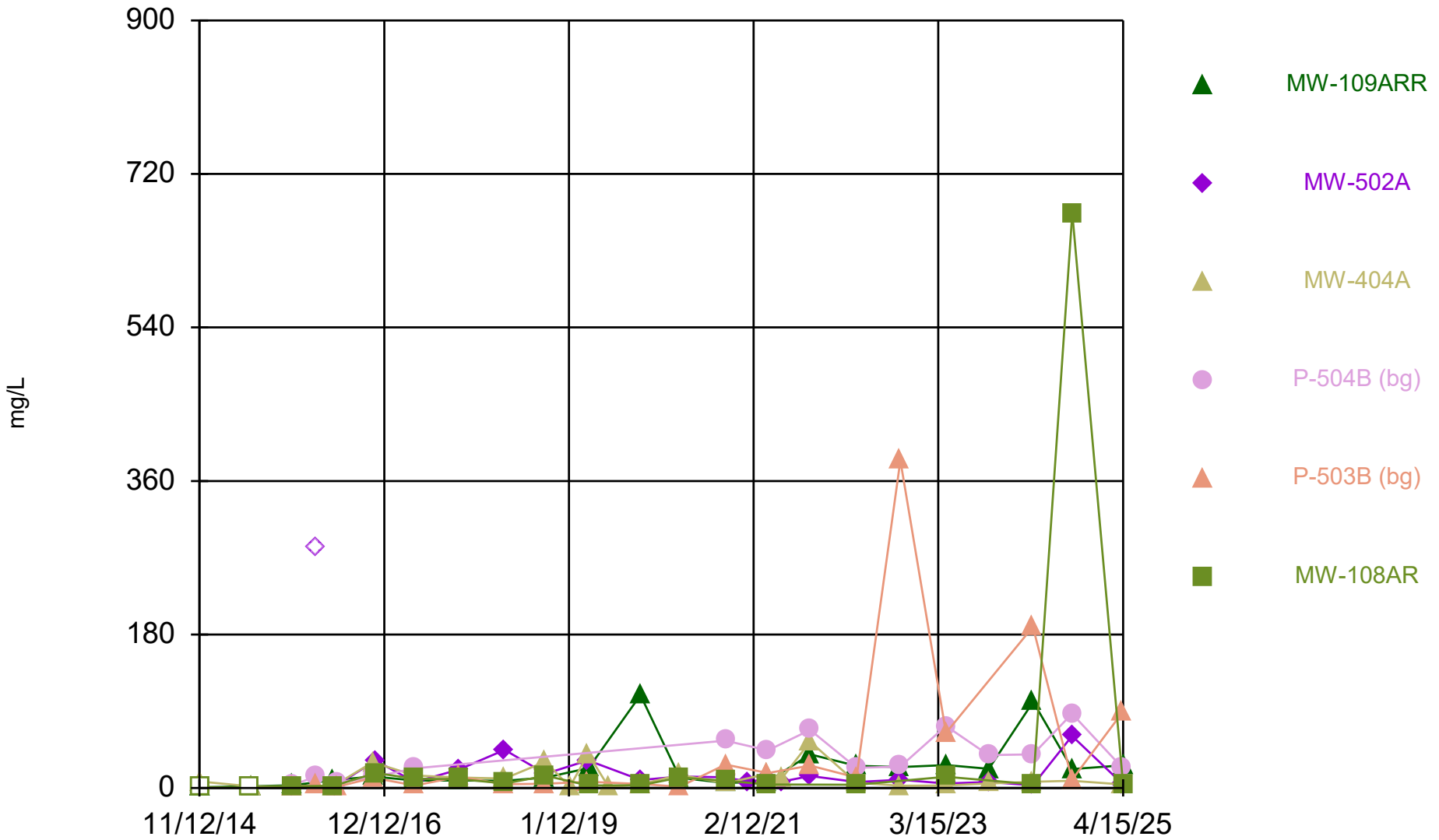

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Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
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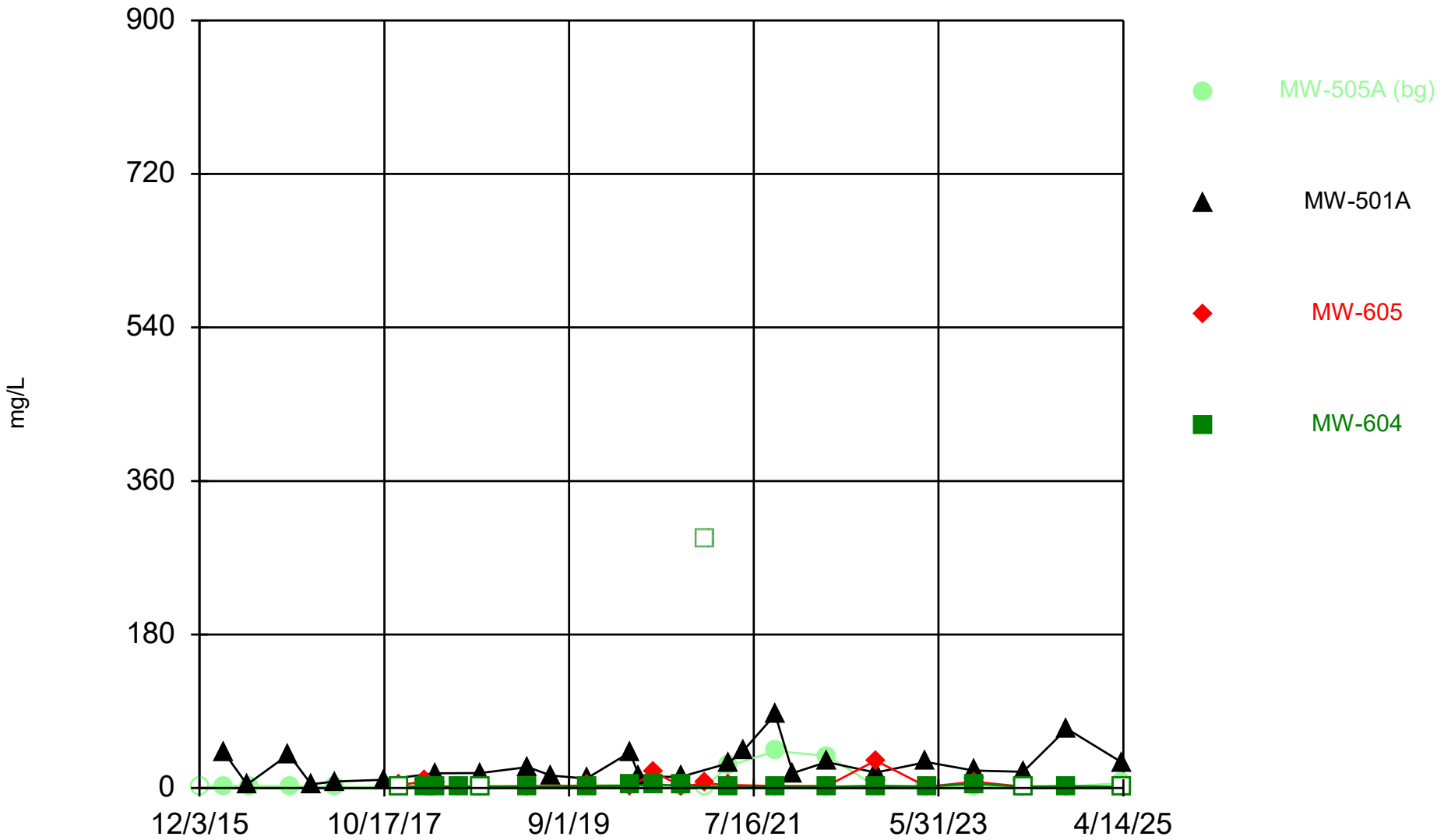

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Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
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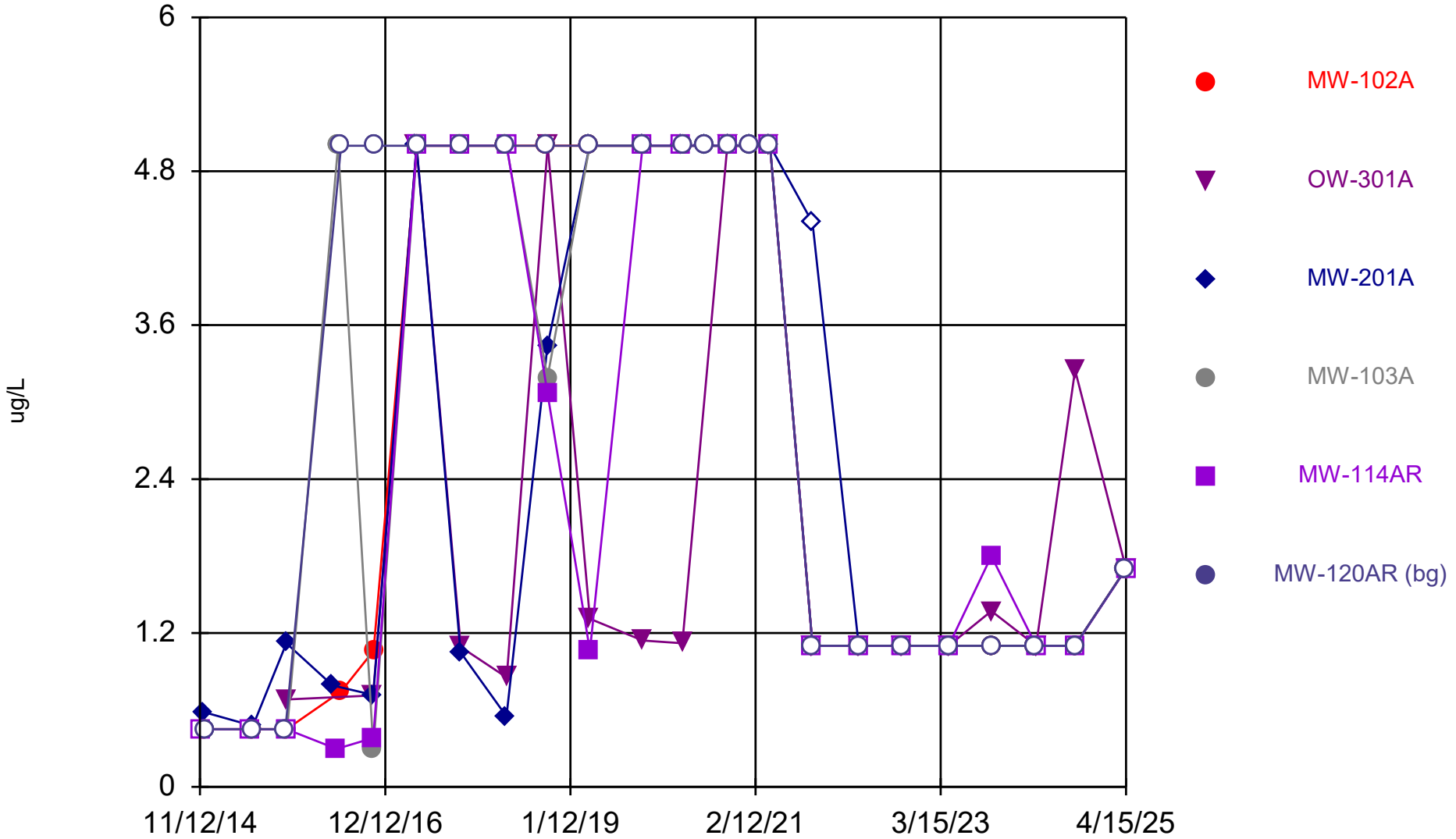
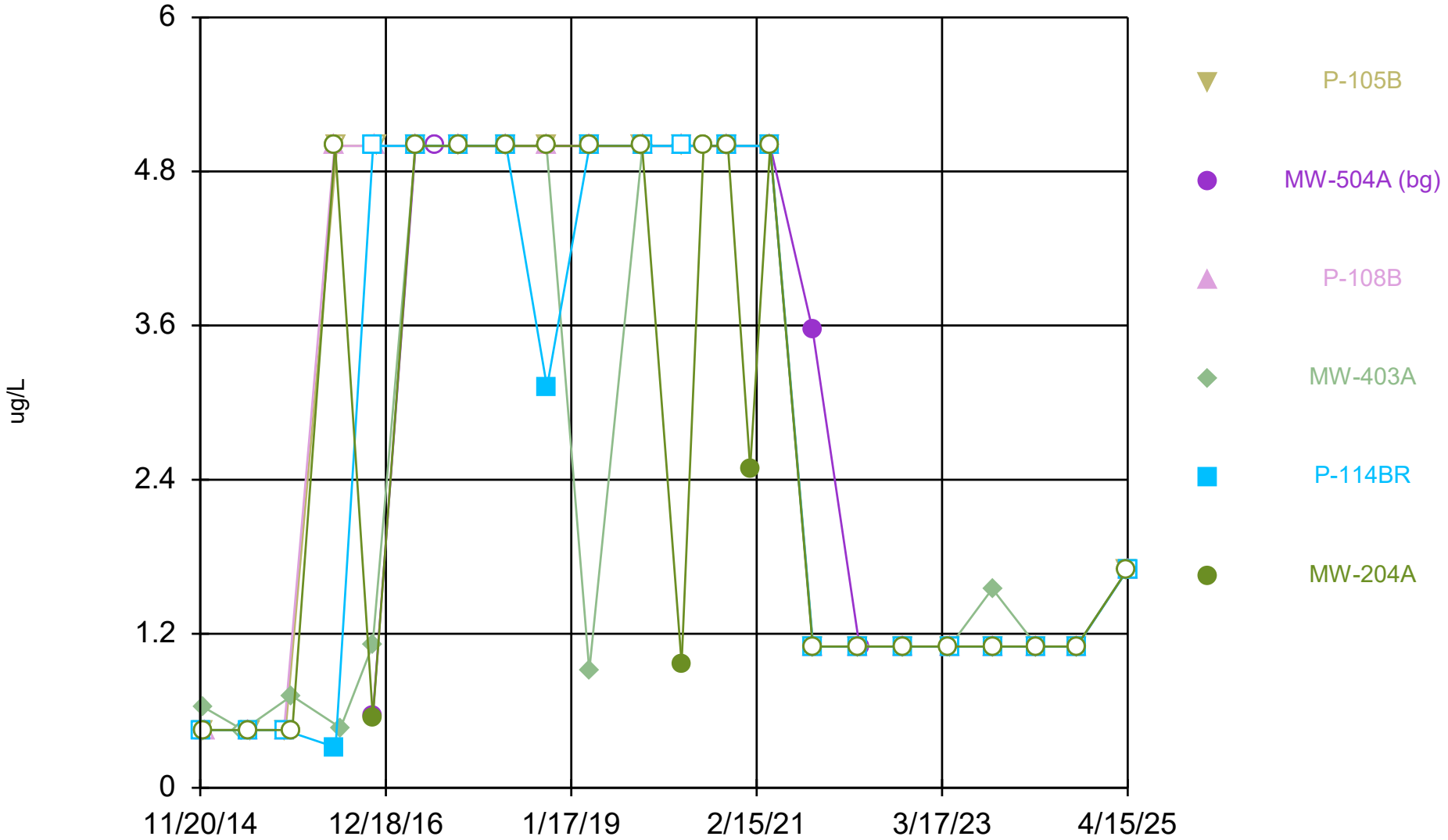


Constituent: Vanadium Analysis Run 6/12/2025 12:15 PM View: All Wells - Appendix I Metals DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Vanadium Analysis Run 6/12/2025 12:15 PM View: All Wells - Appendix I Metals DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
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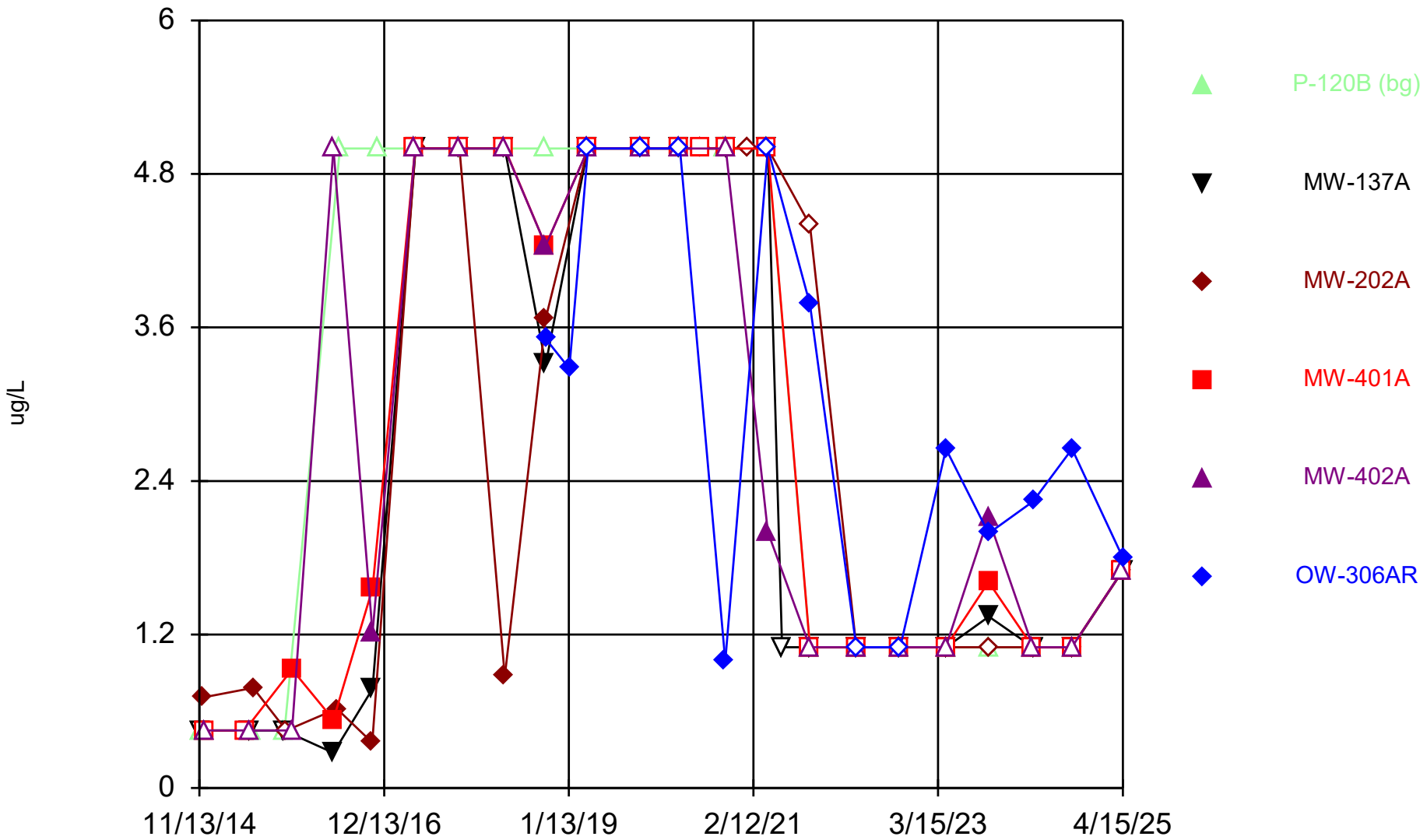
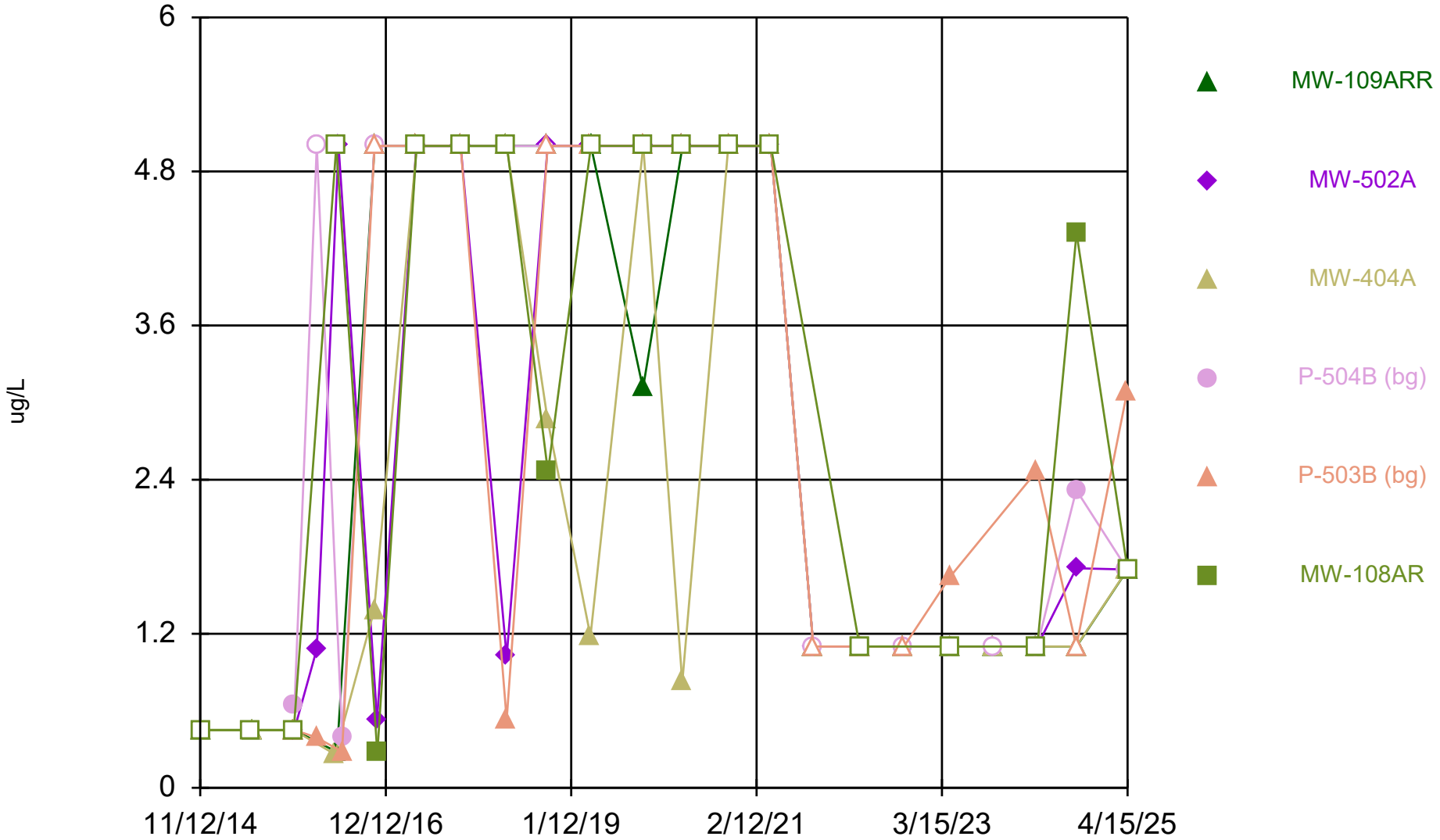


Constituent: Vanadium Analysis Run 6/12/2025 12:15 PM View: All Wells - Appendix I Metals

DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Vanadium Analysis Run 6/12/2025 12:15 PM View: All Wells - Appendix I Metals
DMASWA Data: DMASWA Database_Updated

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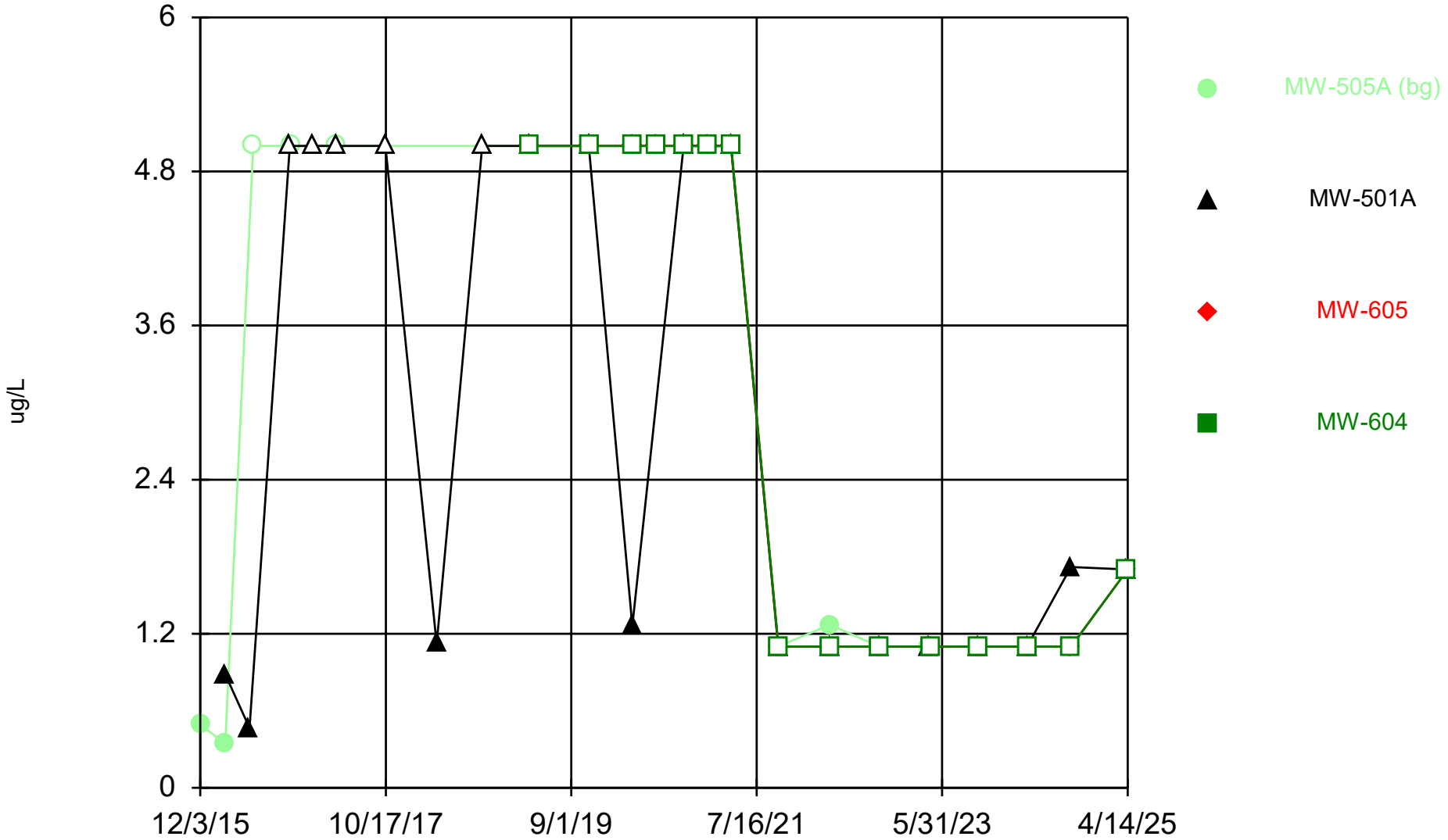
Hollow symbols indicate censored values.

Time Series



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Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
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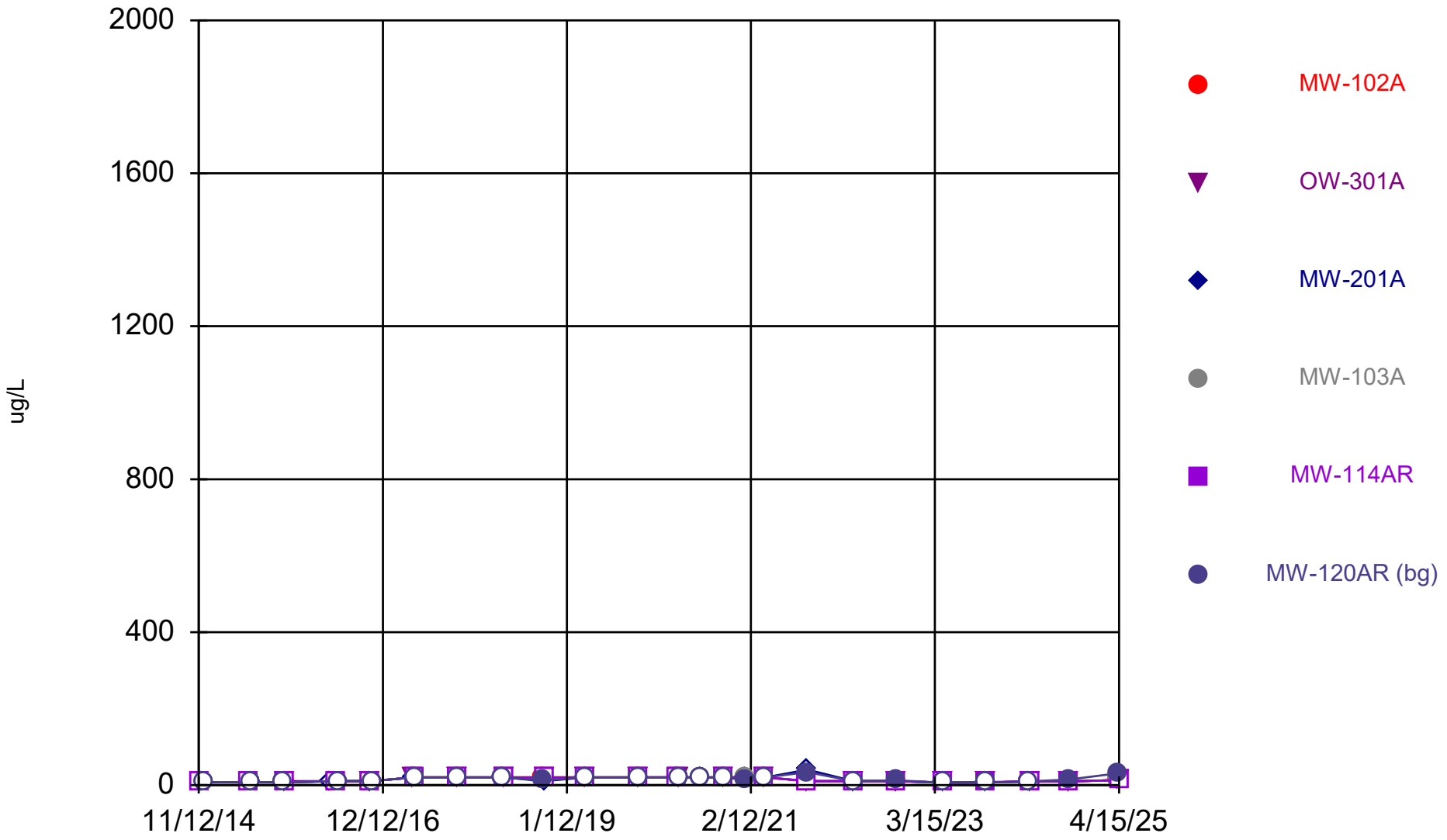

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Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
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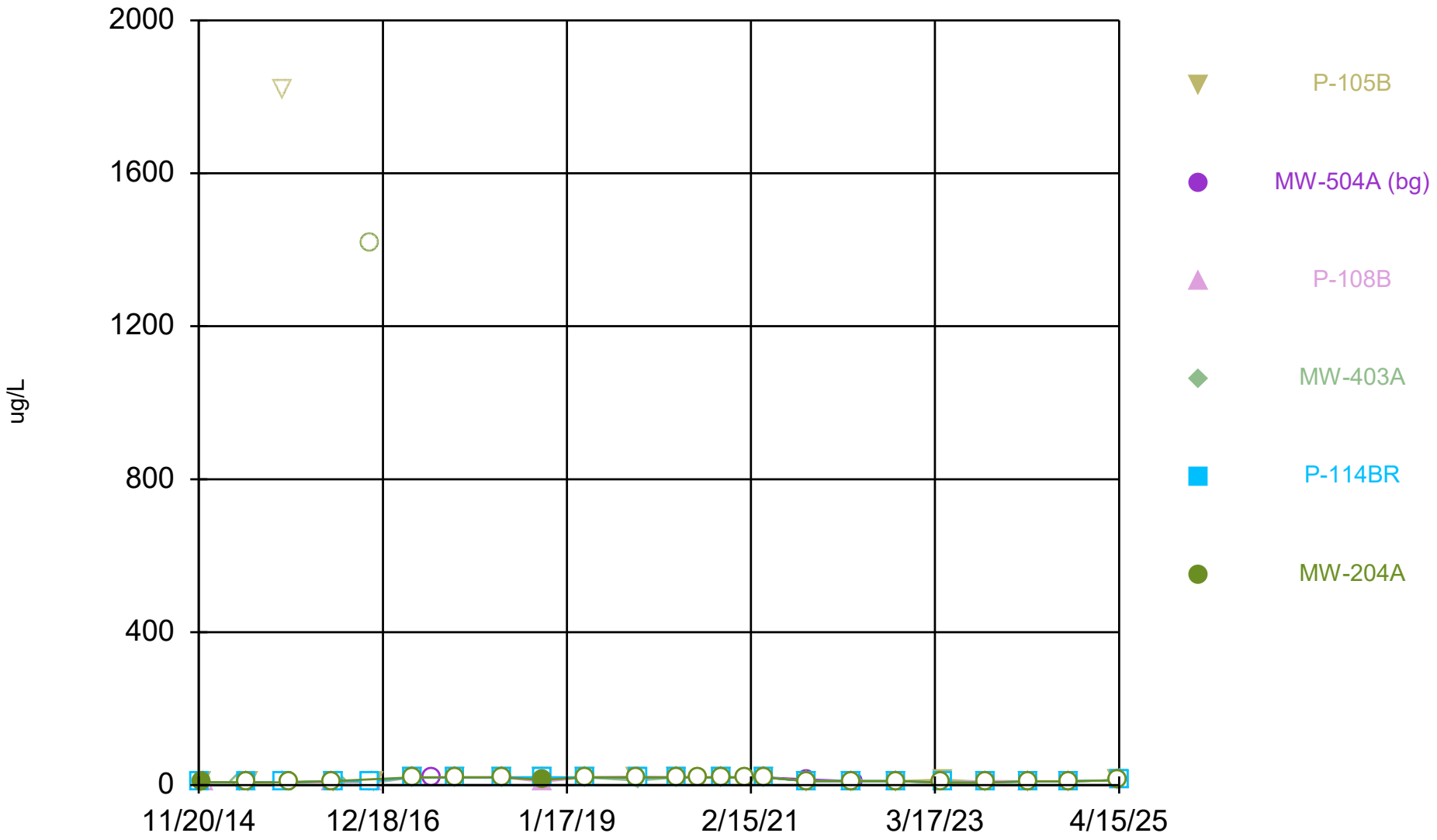

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Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
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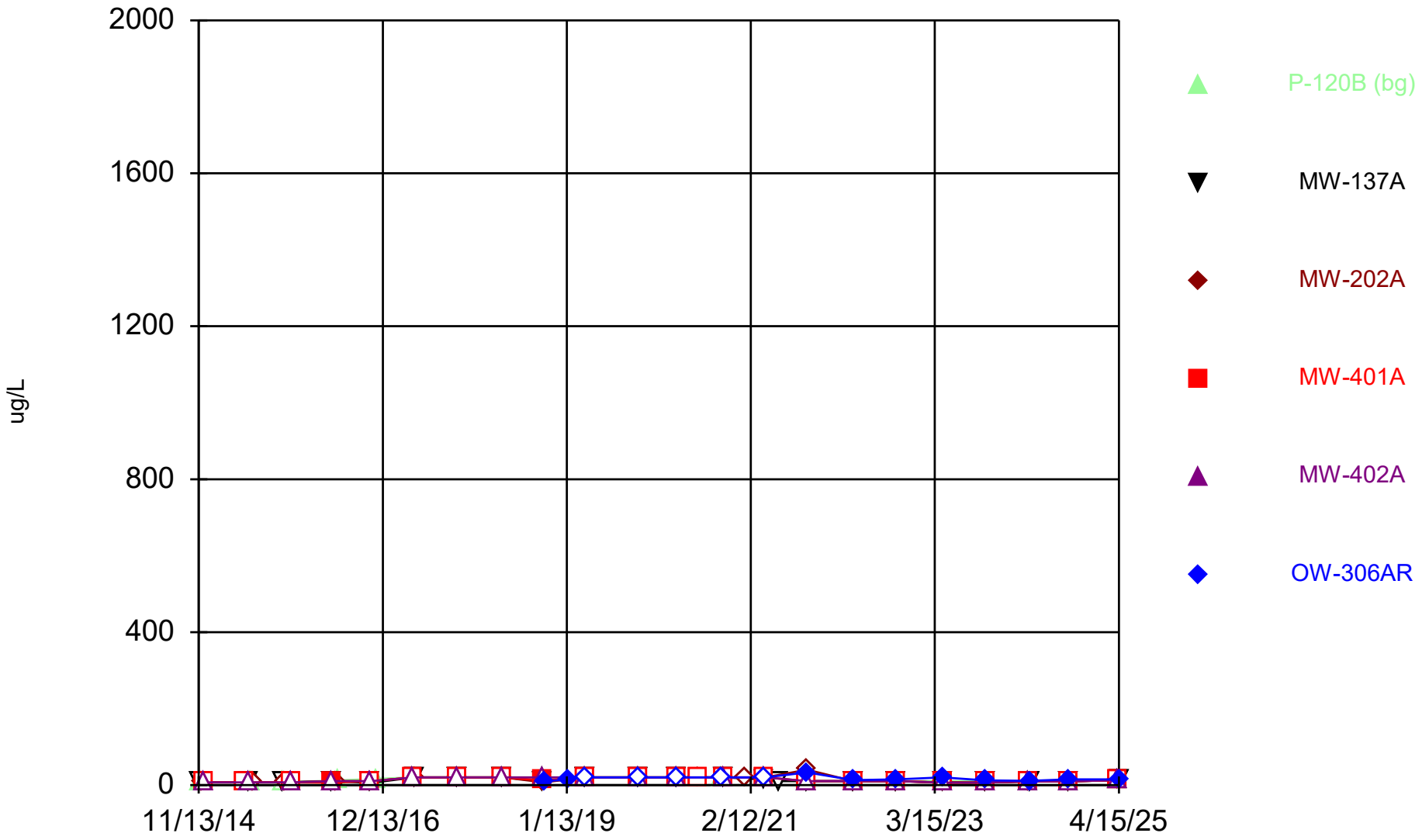

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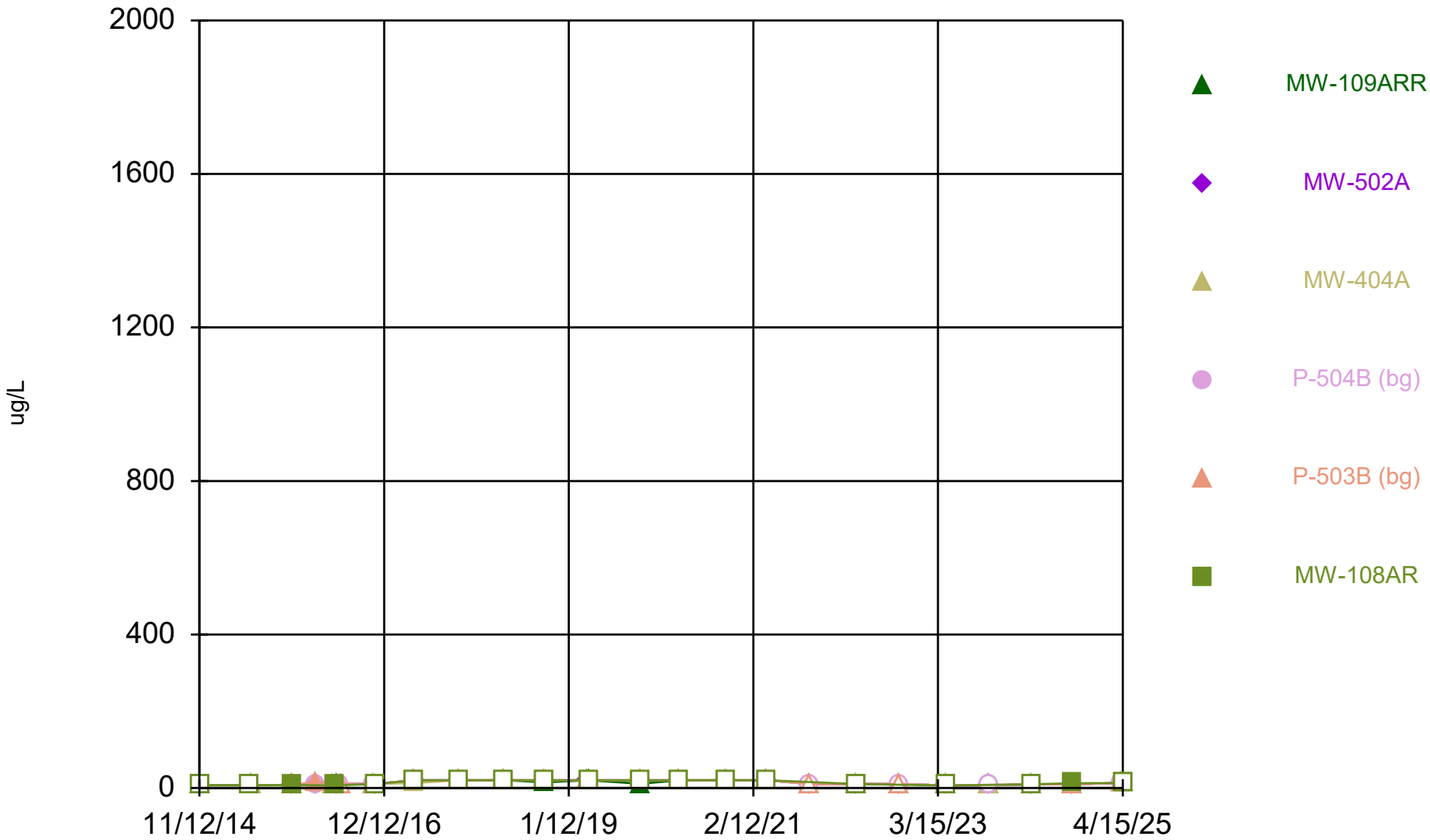

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Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
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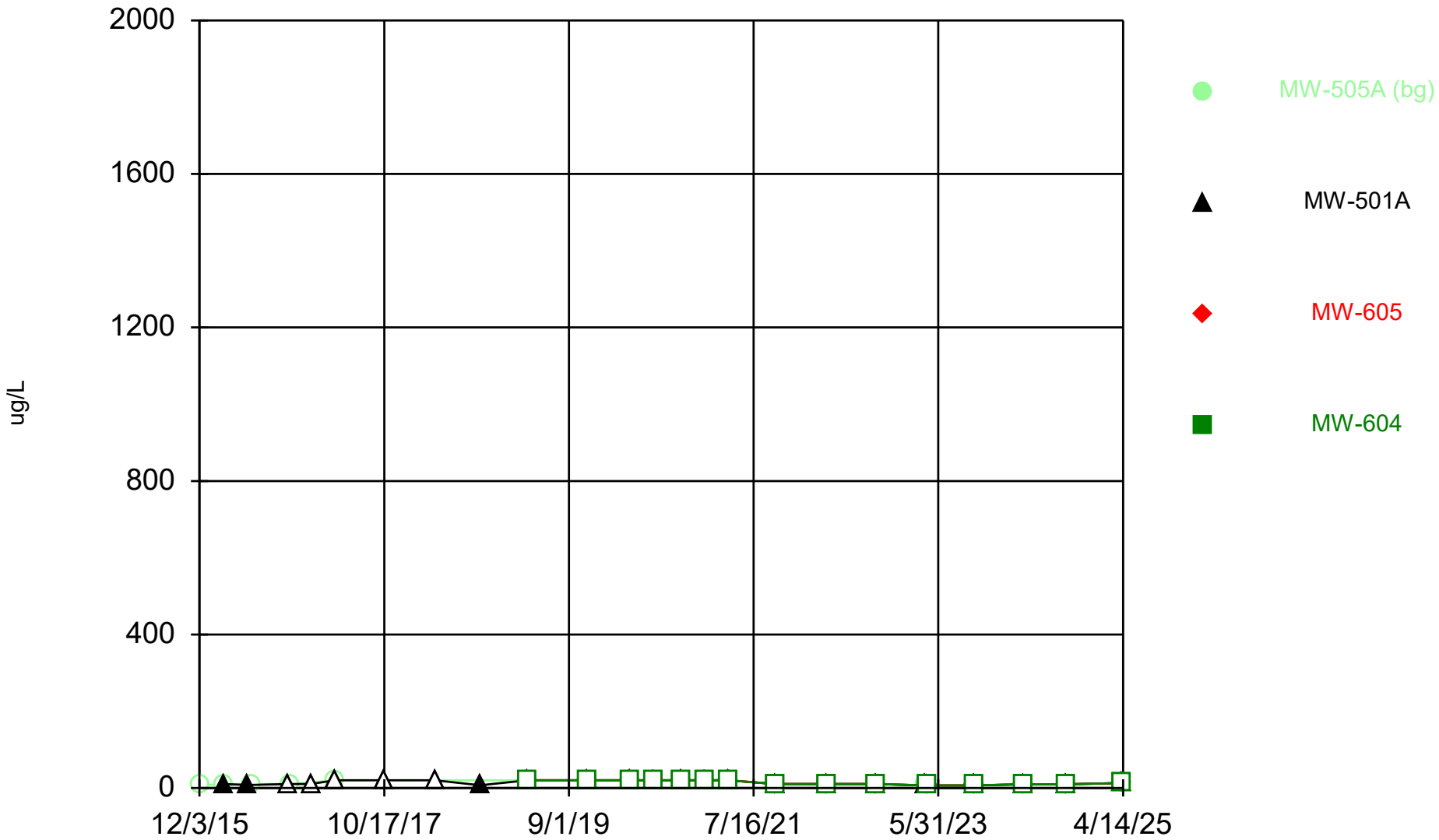

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DMASWA Data: DMASWA Database_Updated

Monitoring Wells – Appendix I Metals

Box & Whisker Plots

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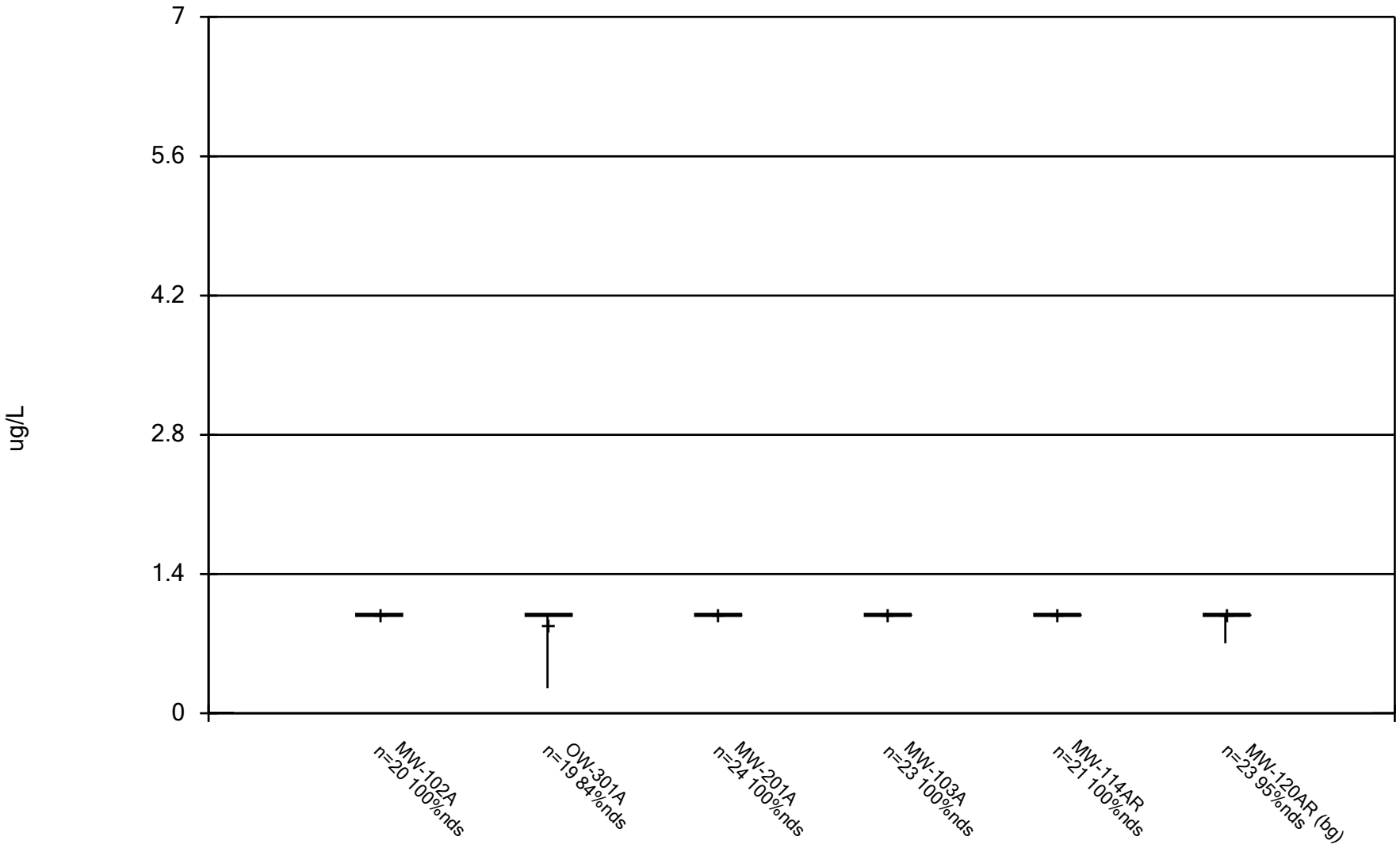
Box & Whiskers Plot



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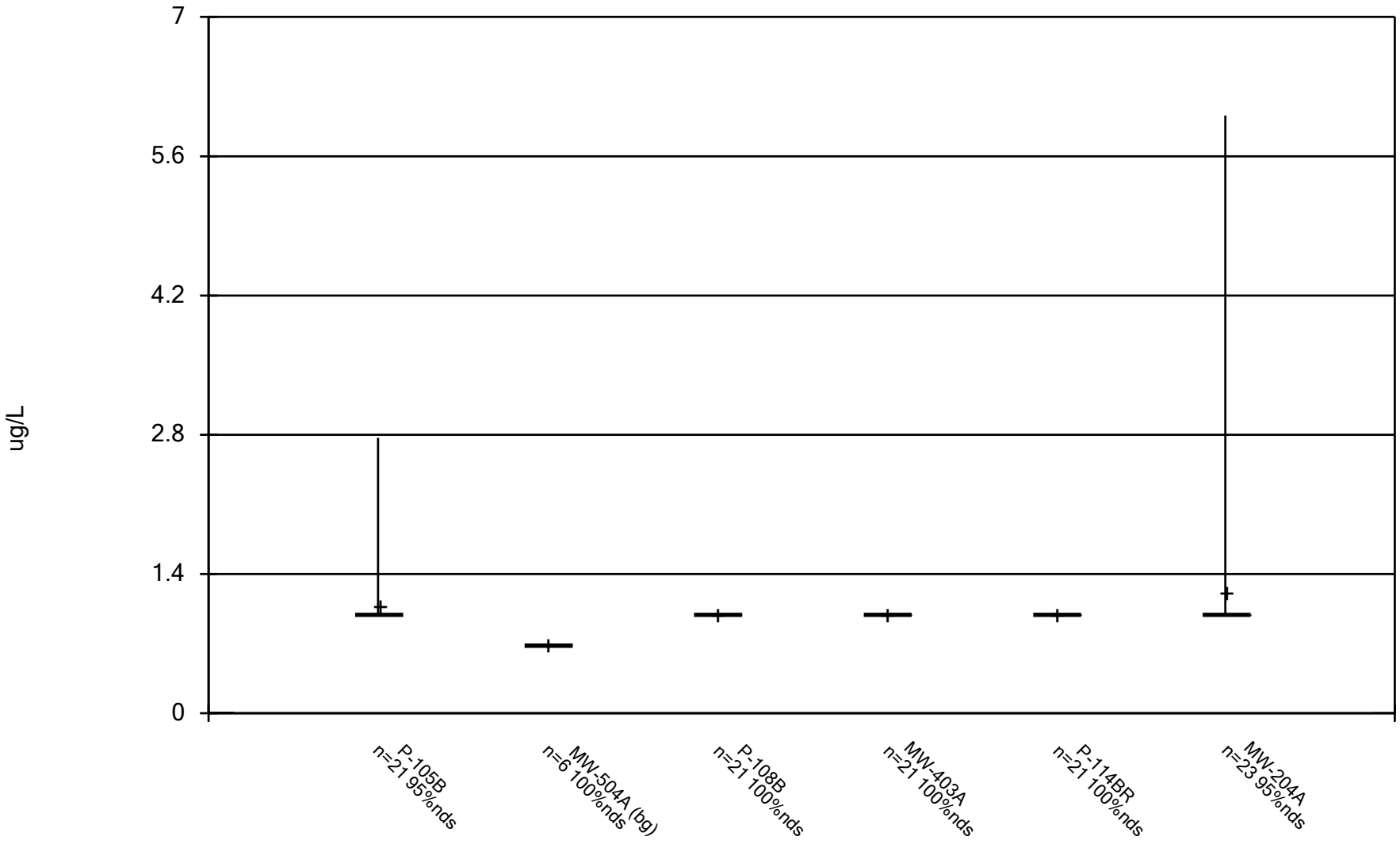
Box & Whiskers Plot



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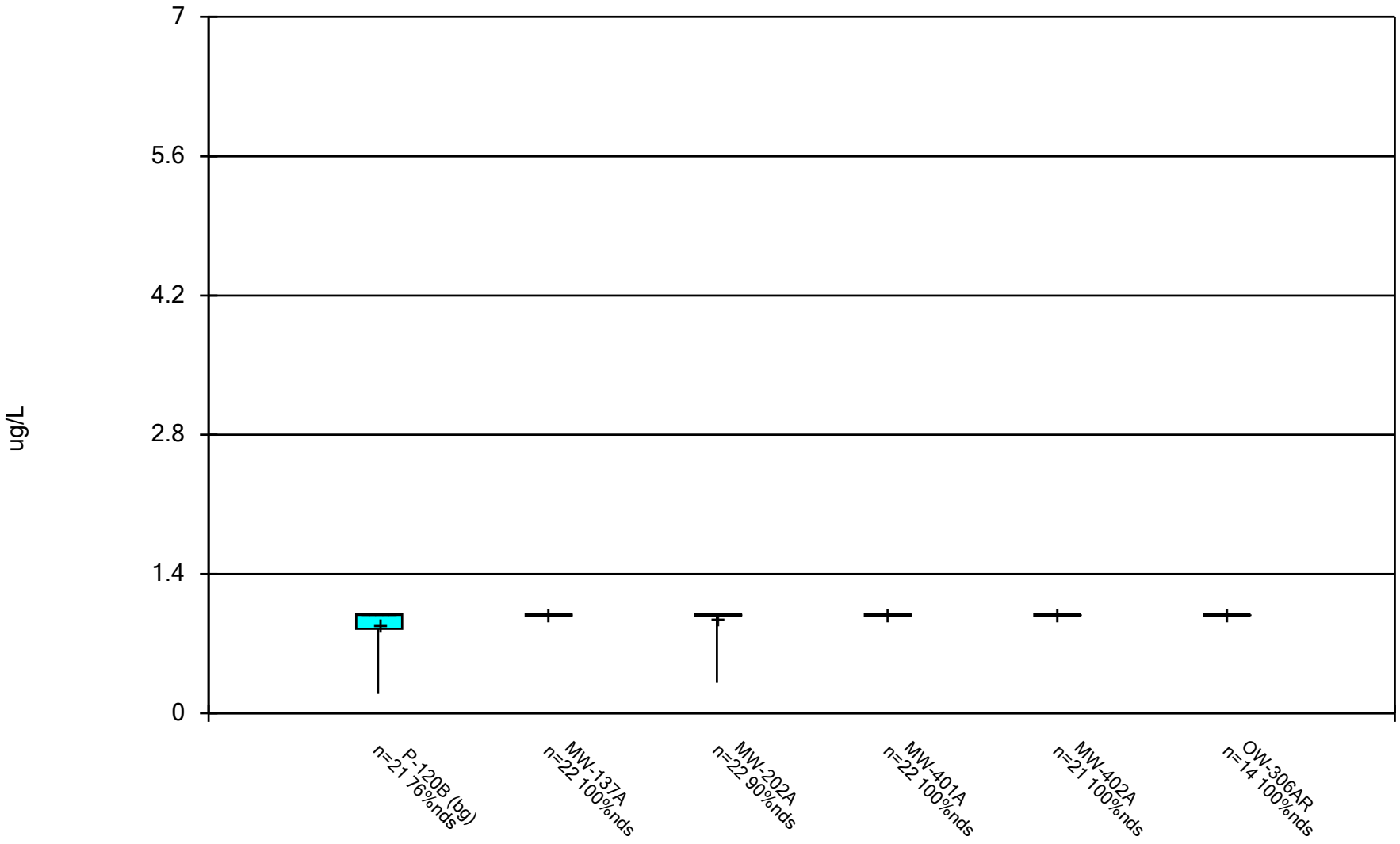
Box & Whiskers Plot



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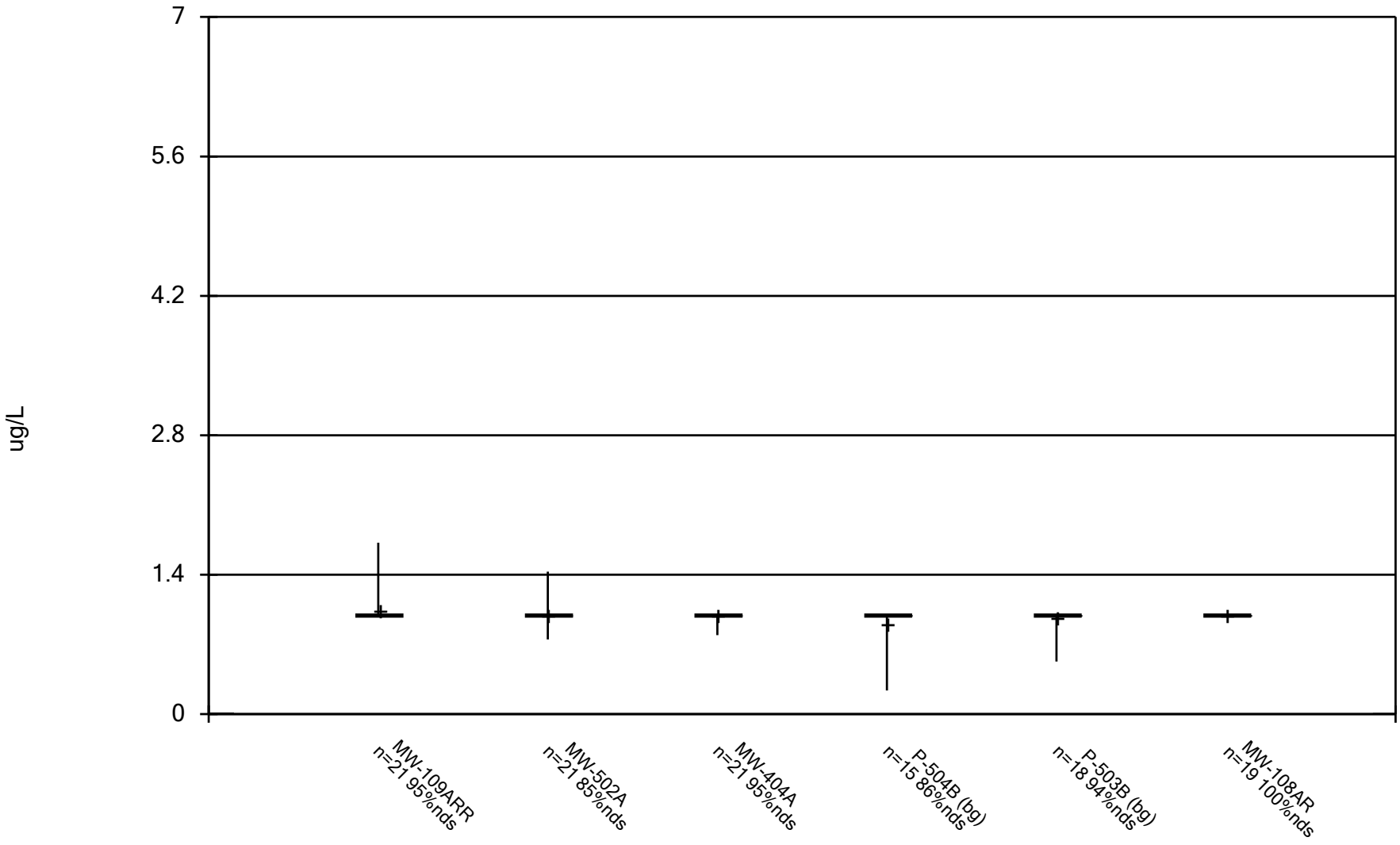
Box & Whiskers Plot



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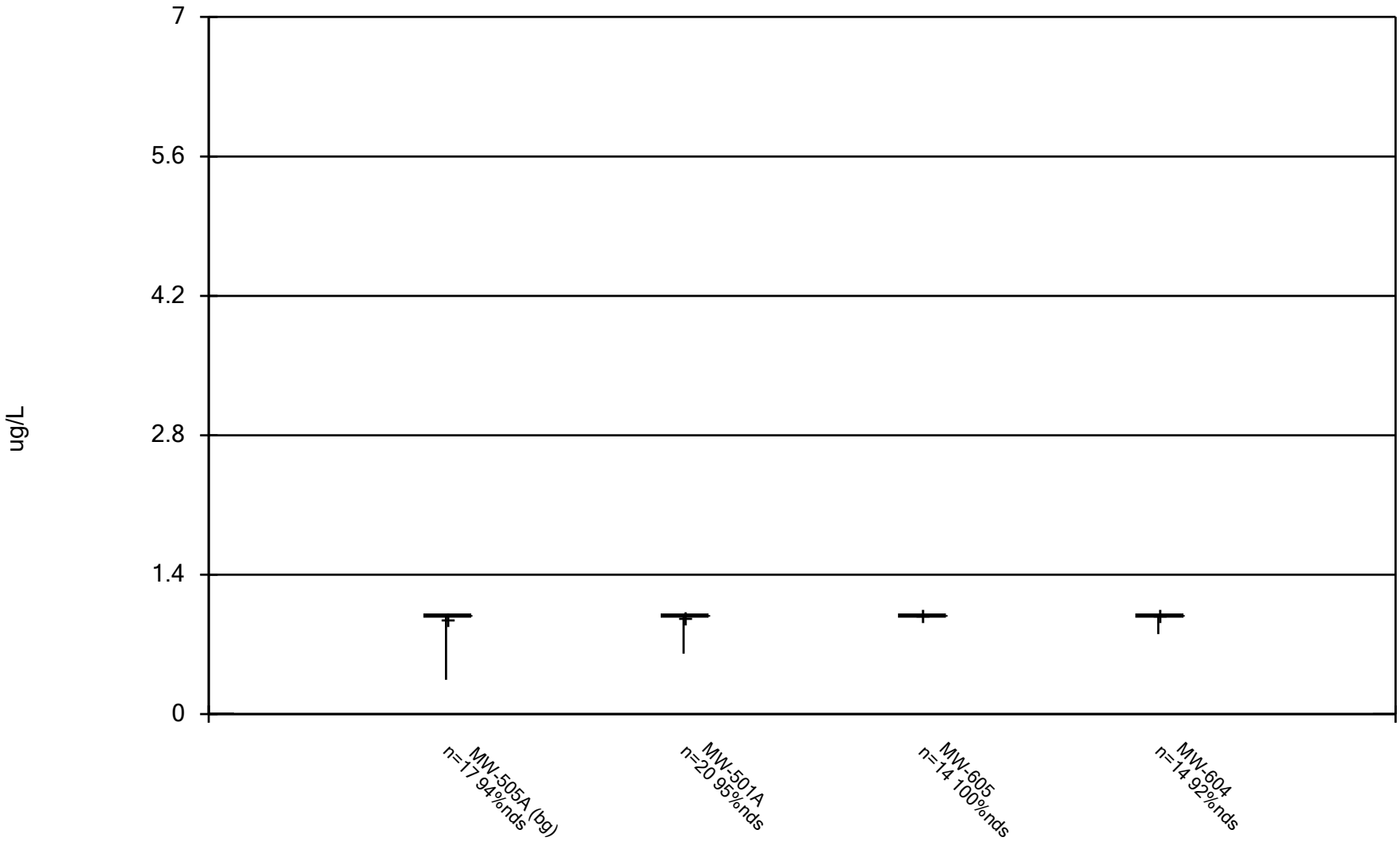
Box & Whiskers Plot



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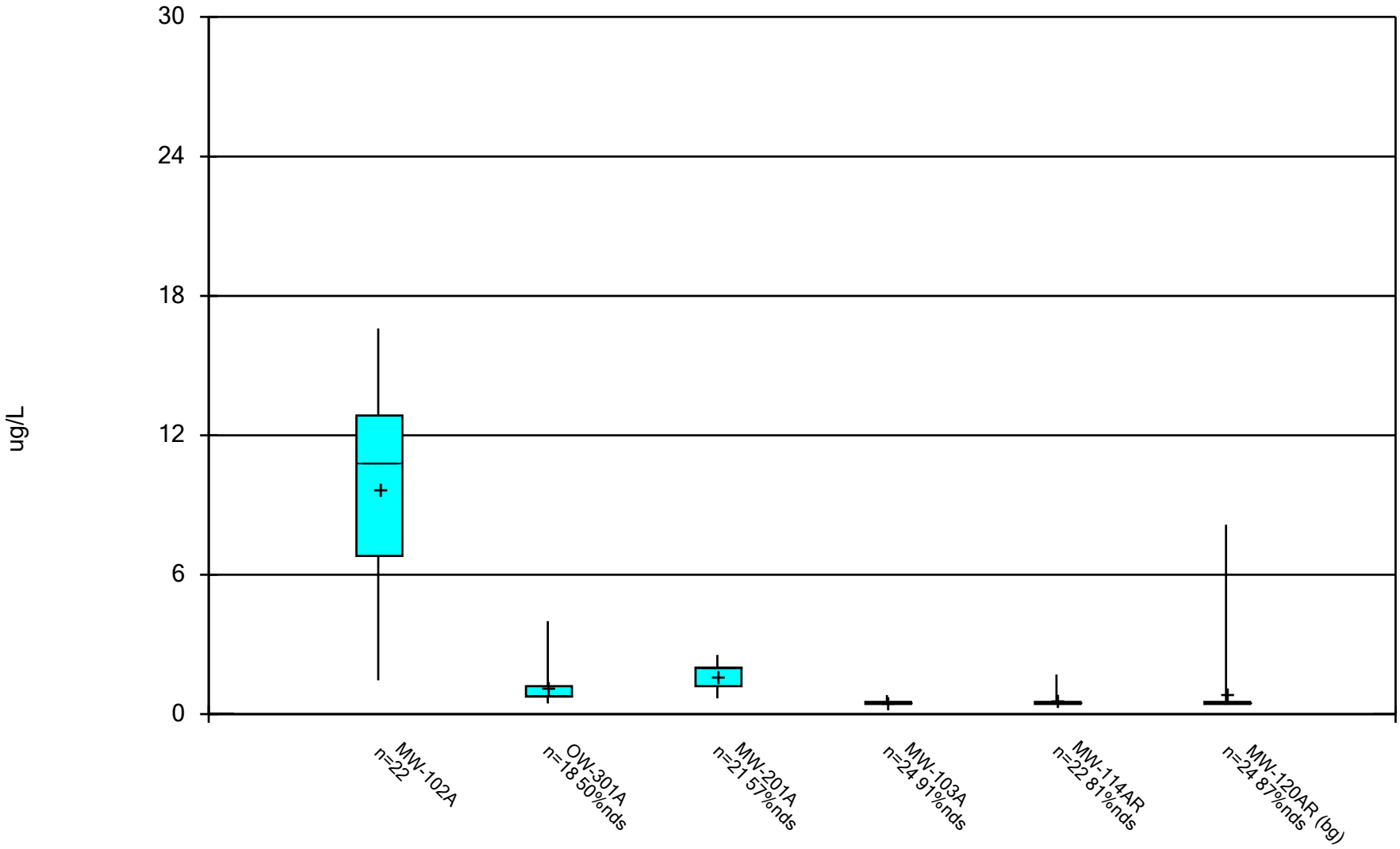
Box & Whiskers Plot



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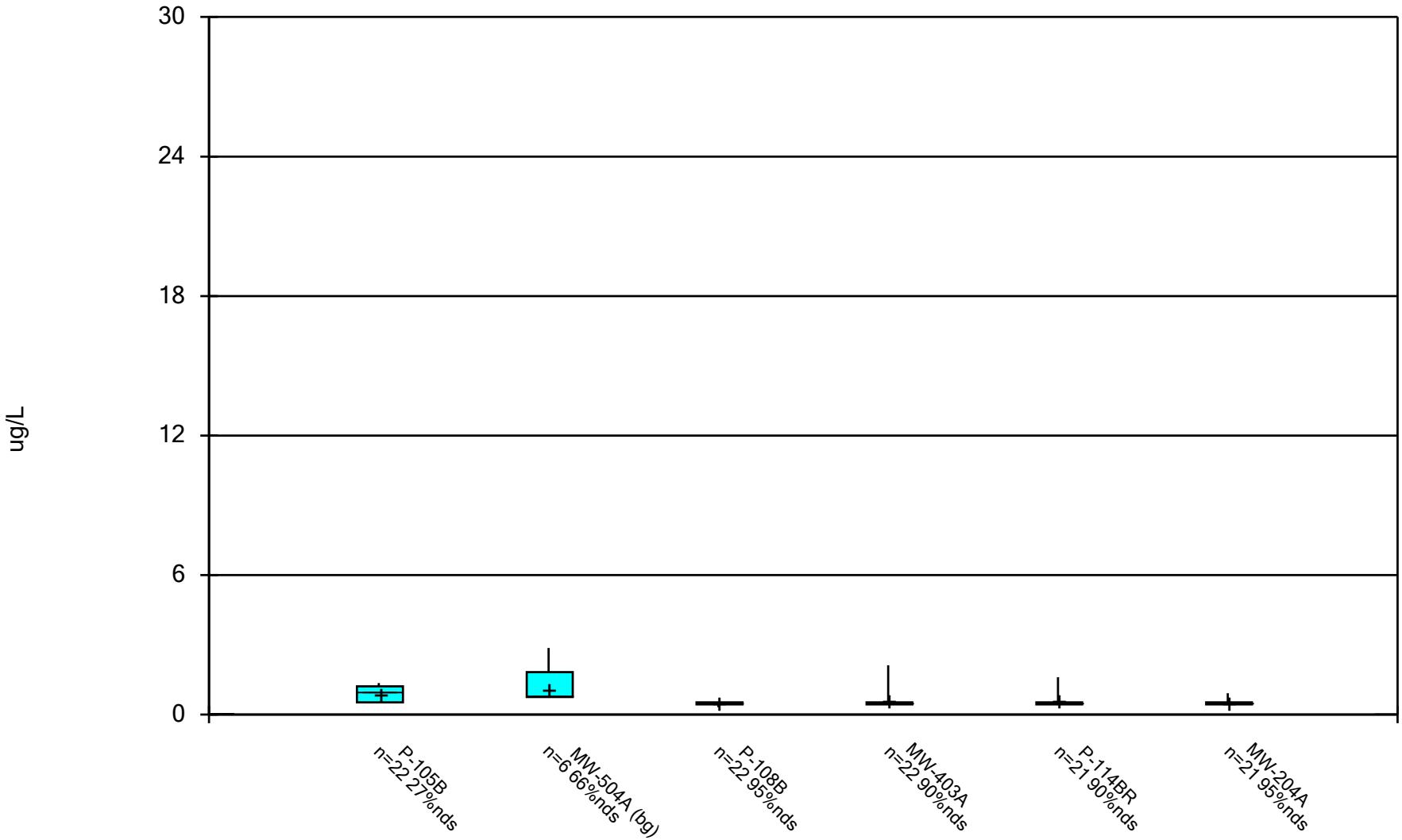
Box & Whiskers Plot



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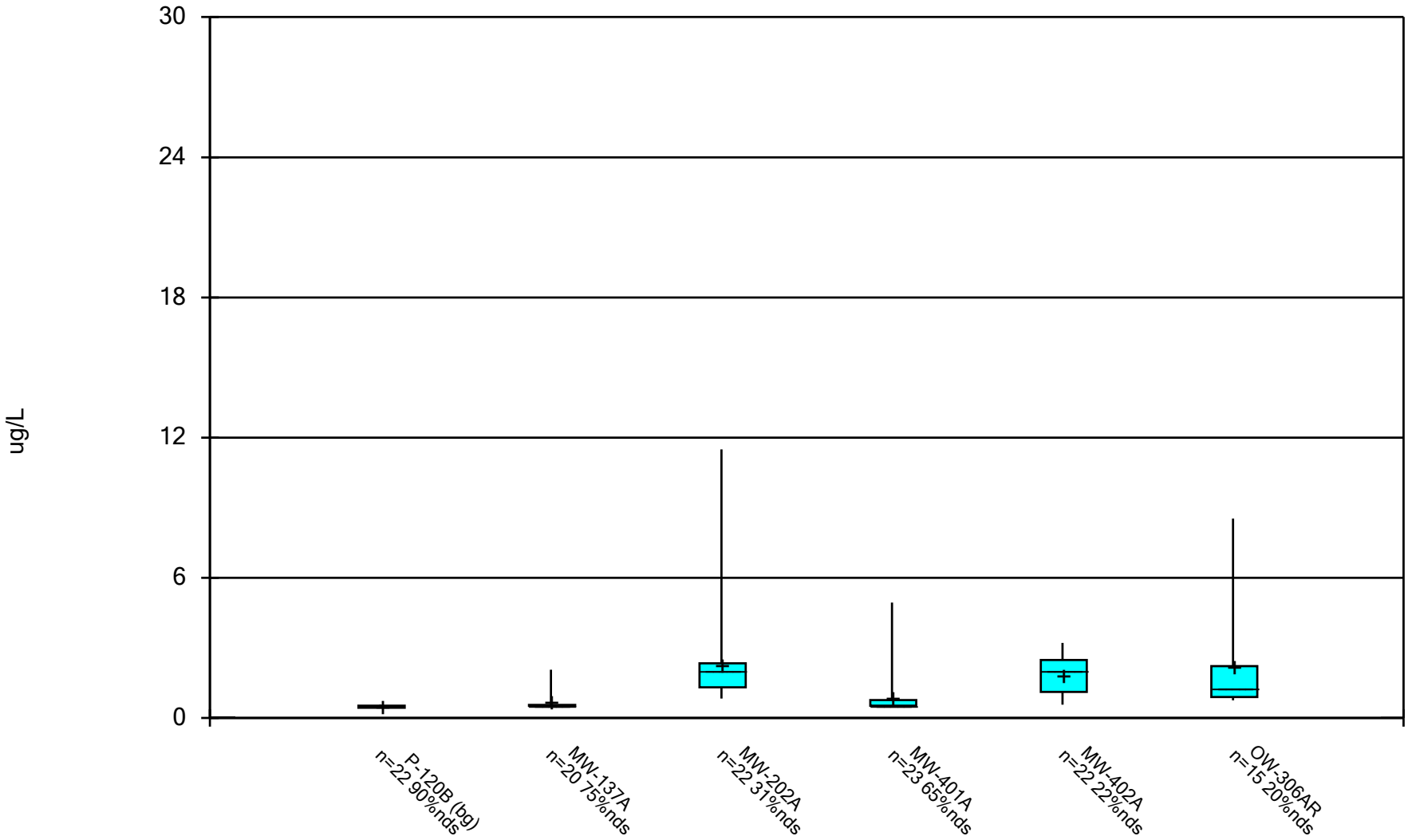
Box & Whiskers Plot



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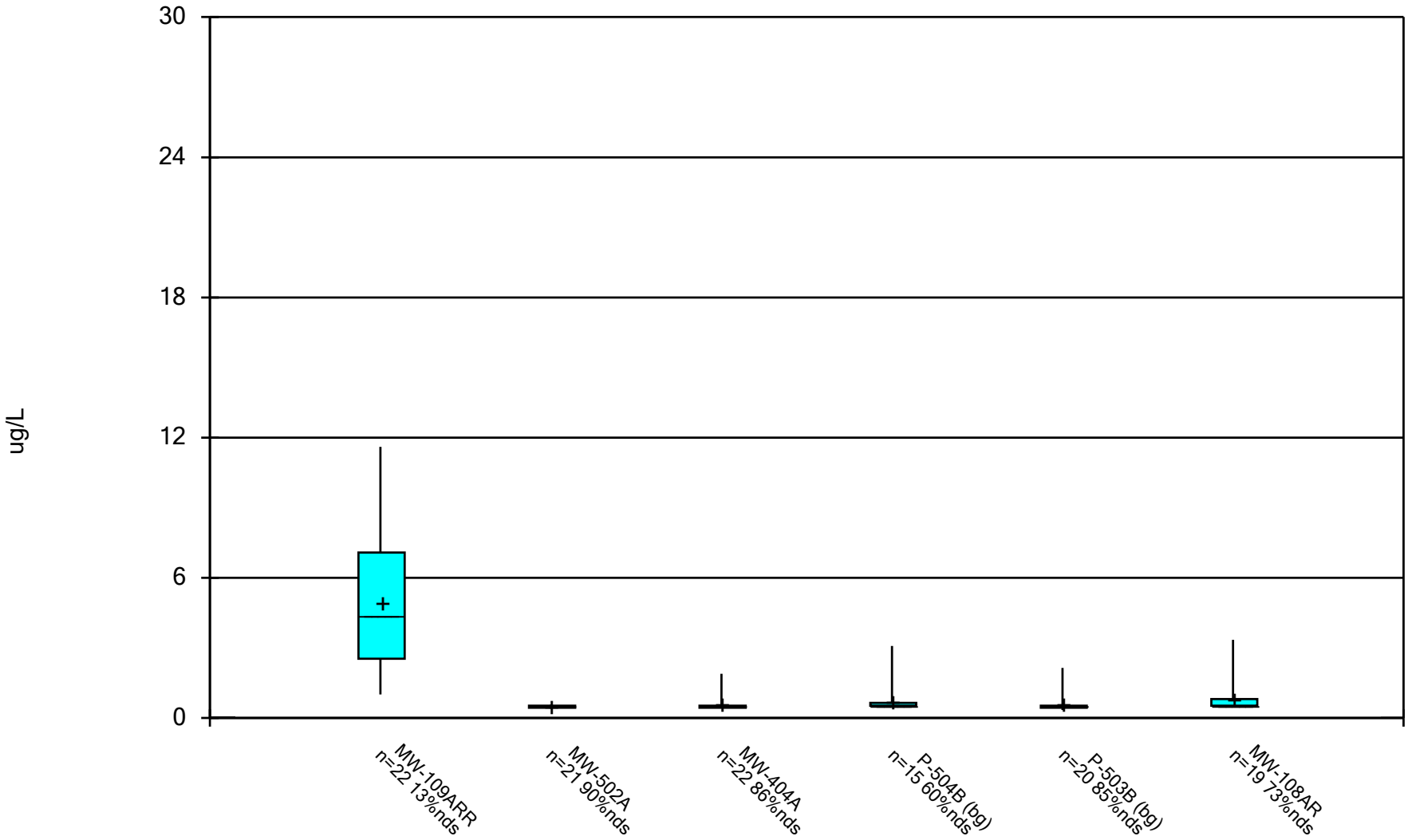
Box & Whiskers Plot



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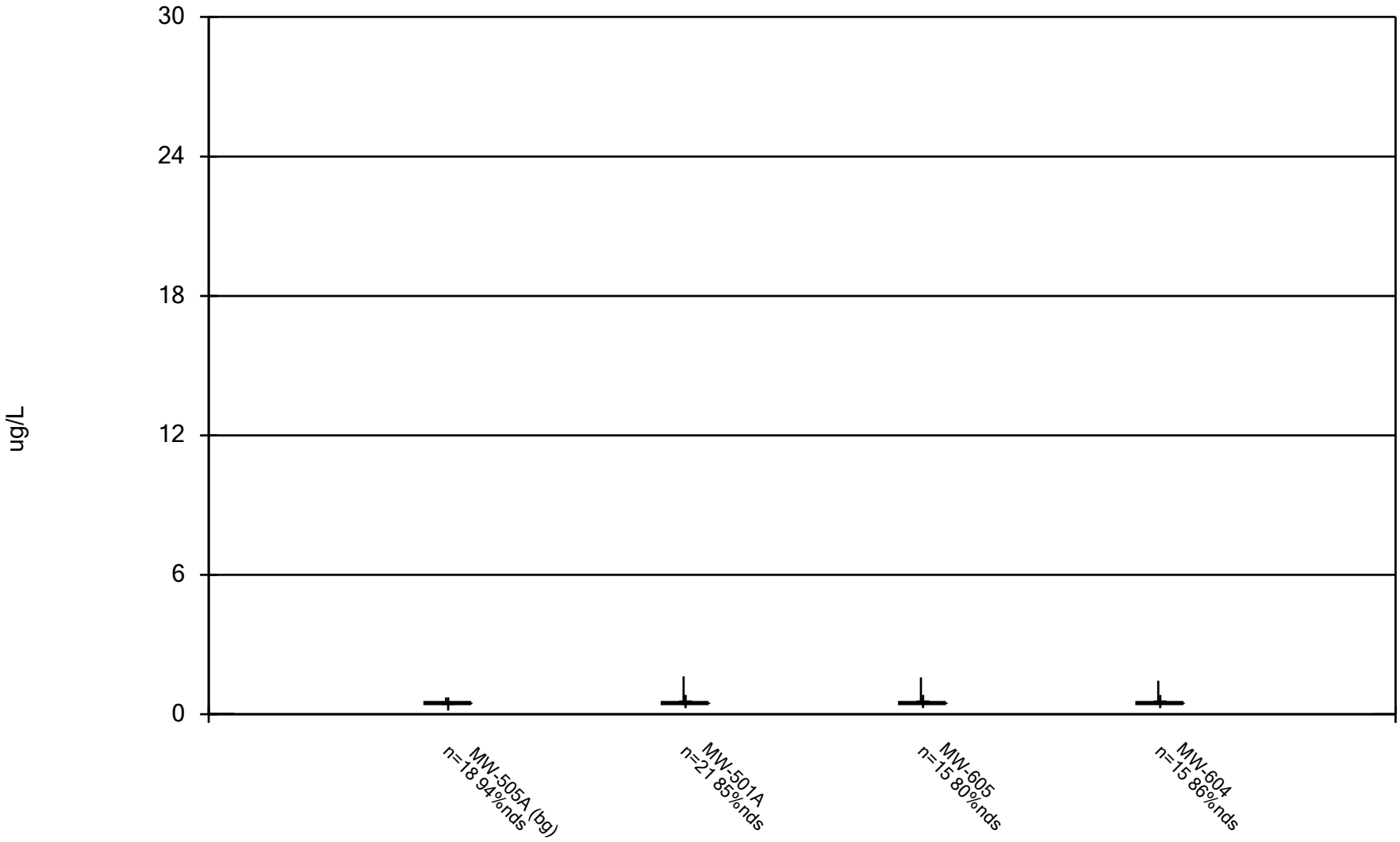
Box & Whiskers Plot



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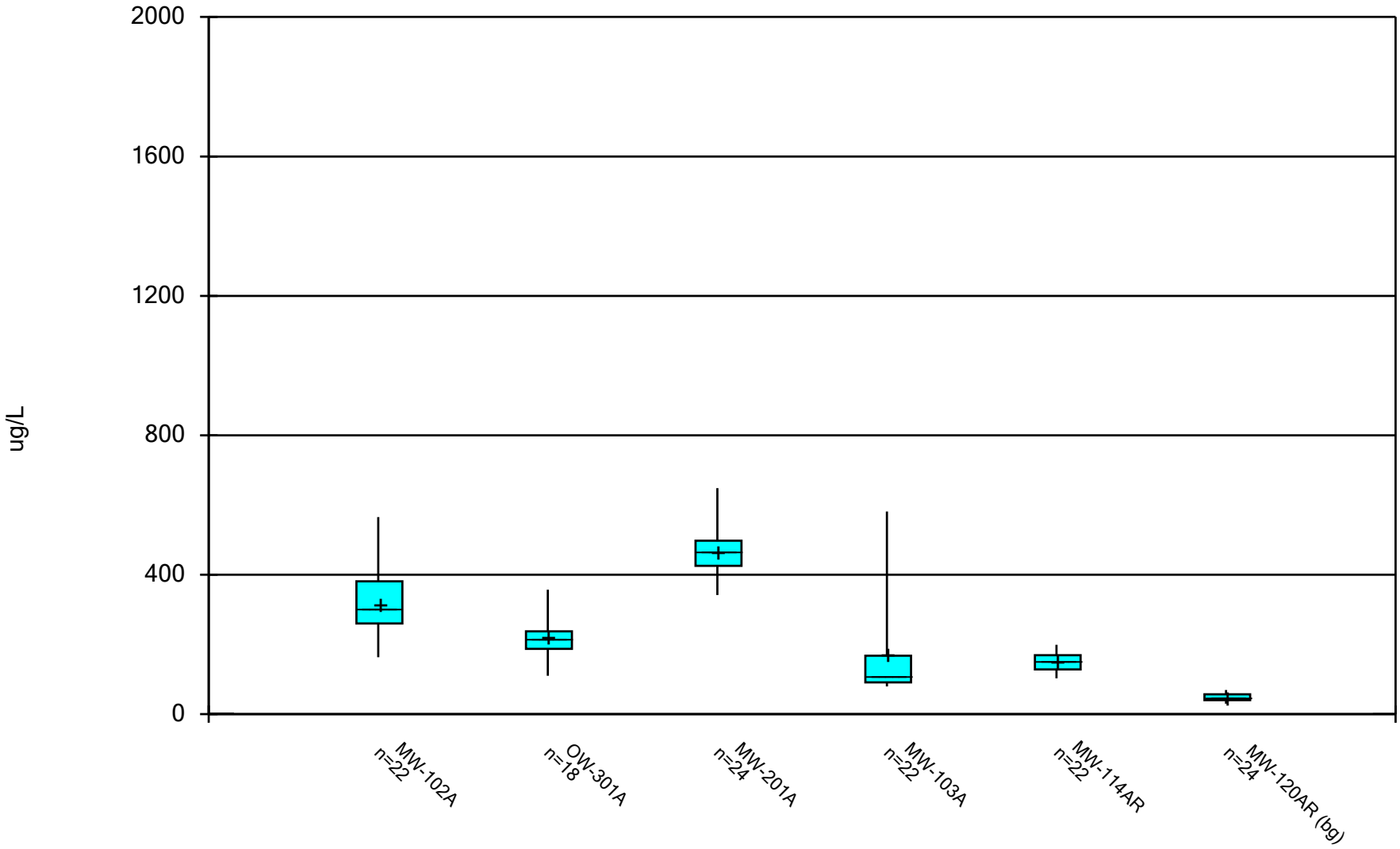
Box & Whiskers Plot



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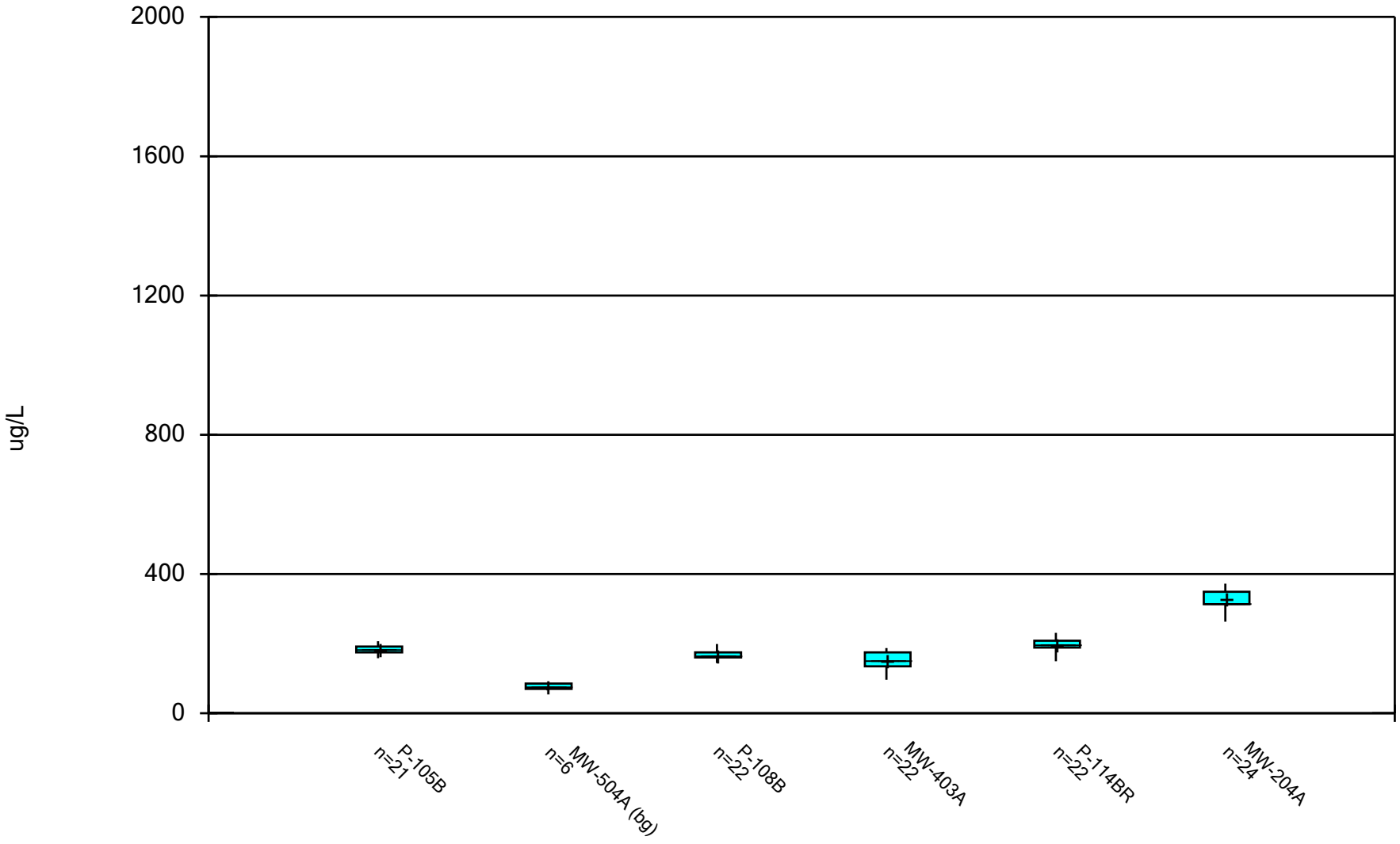
Box & Whiskers Plot



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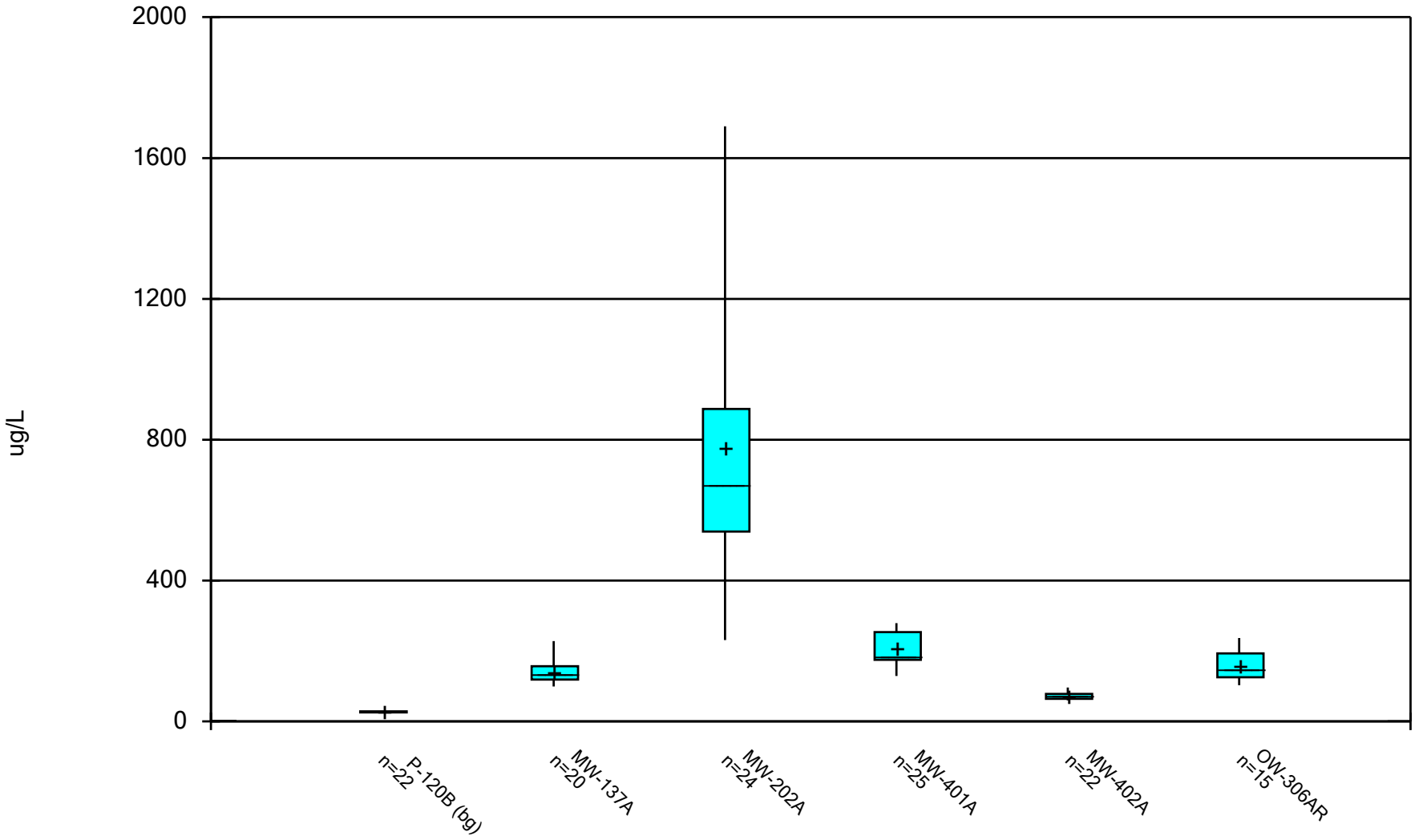
Box & Whiskers Plot



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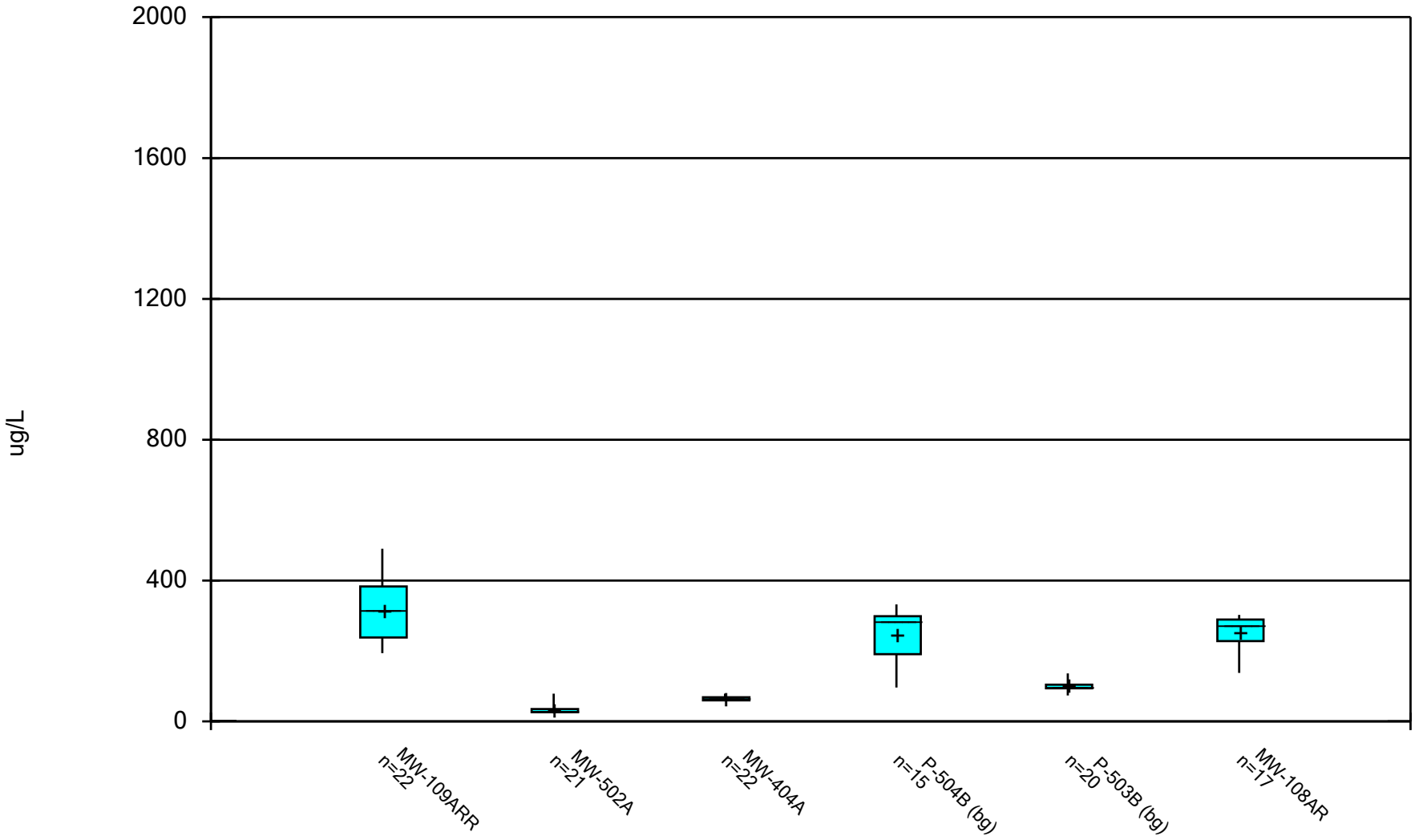
Box & Whiskers Plot



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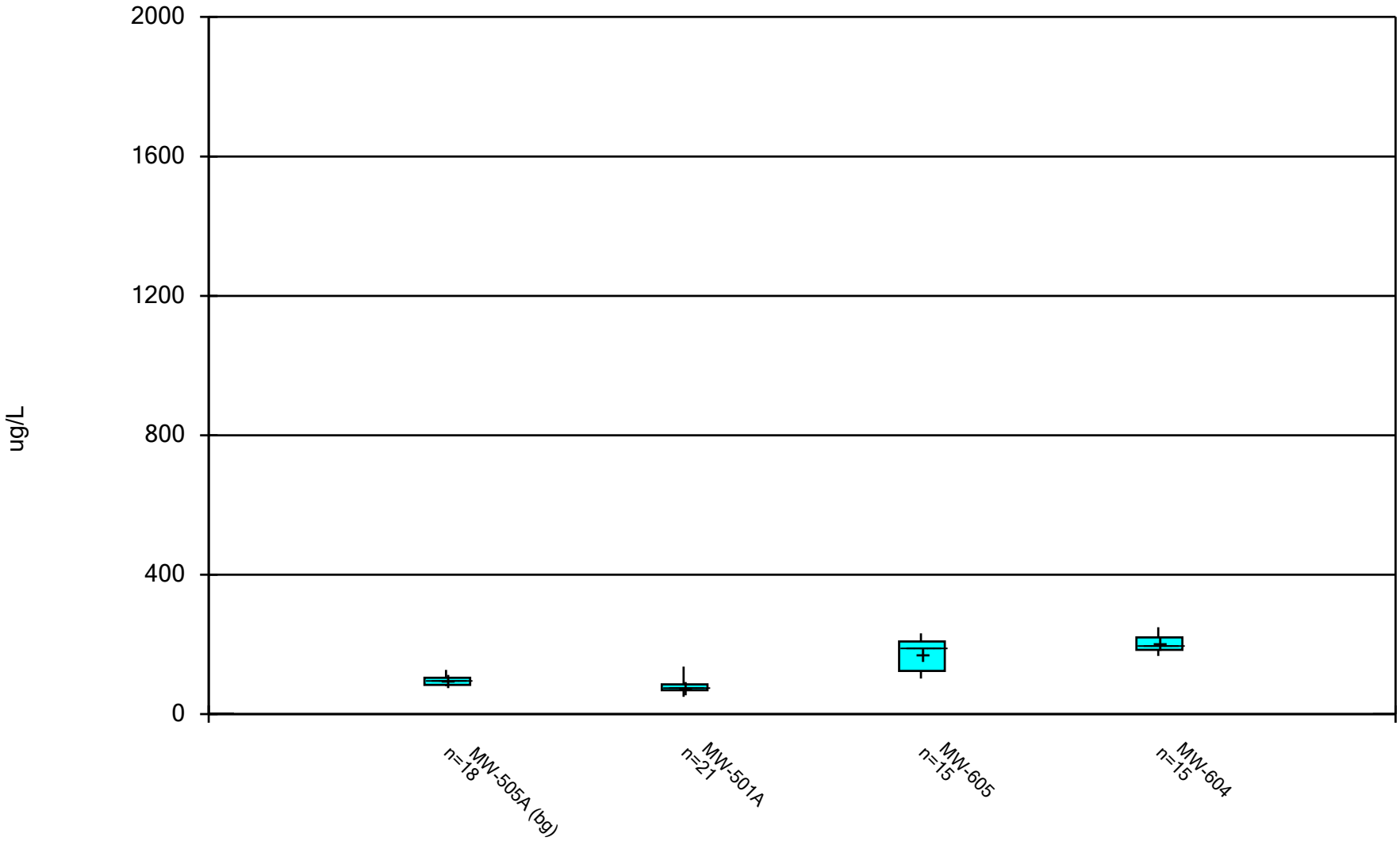
Box & Whiskers Plot



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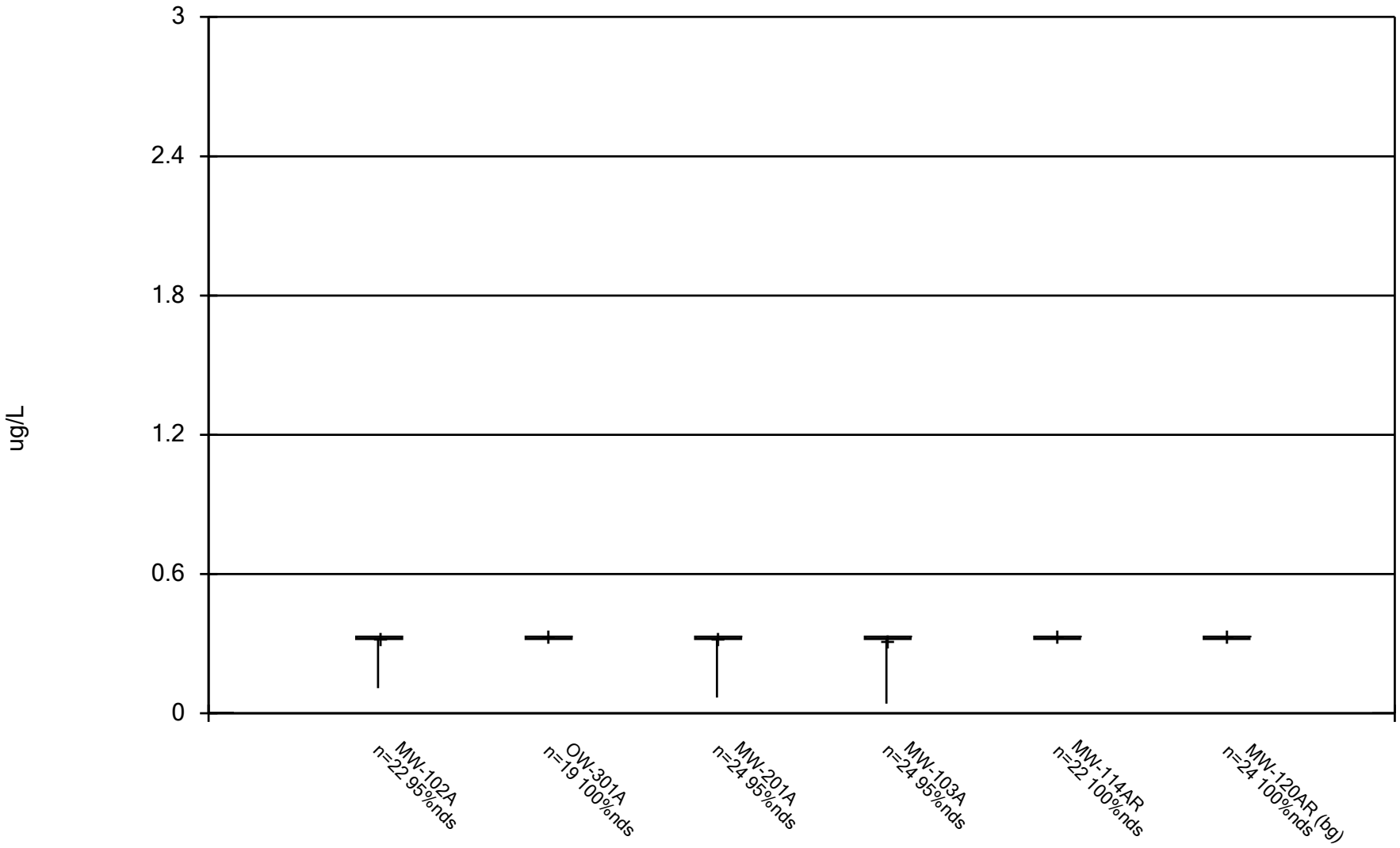
Box & Whiskers Plot



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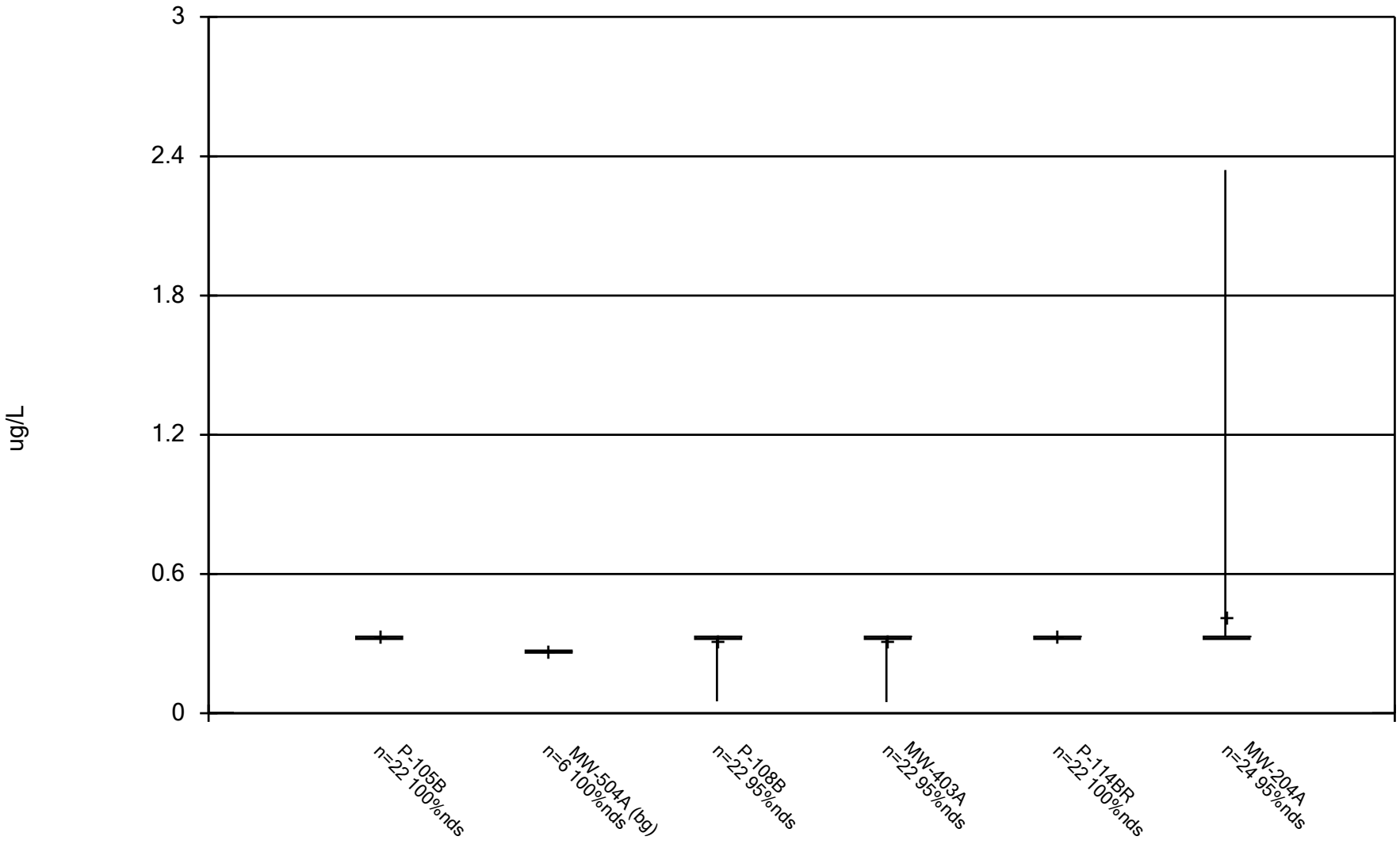
Box & Whiskers Plot



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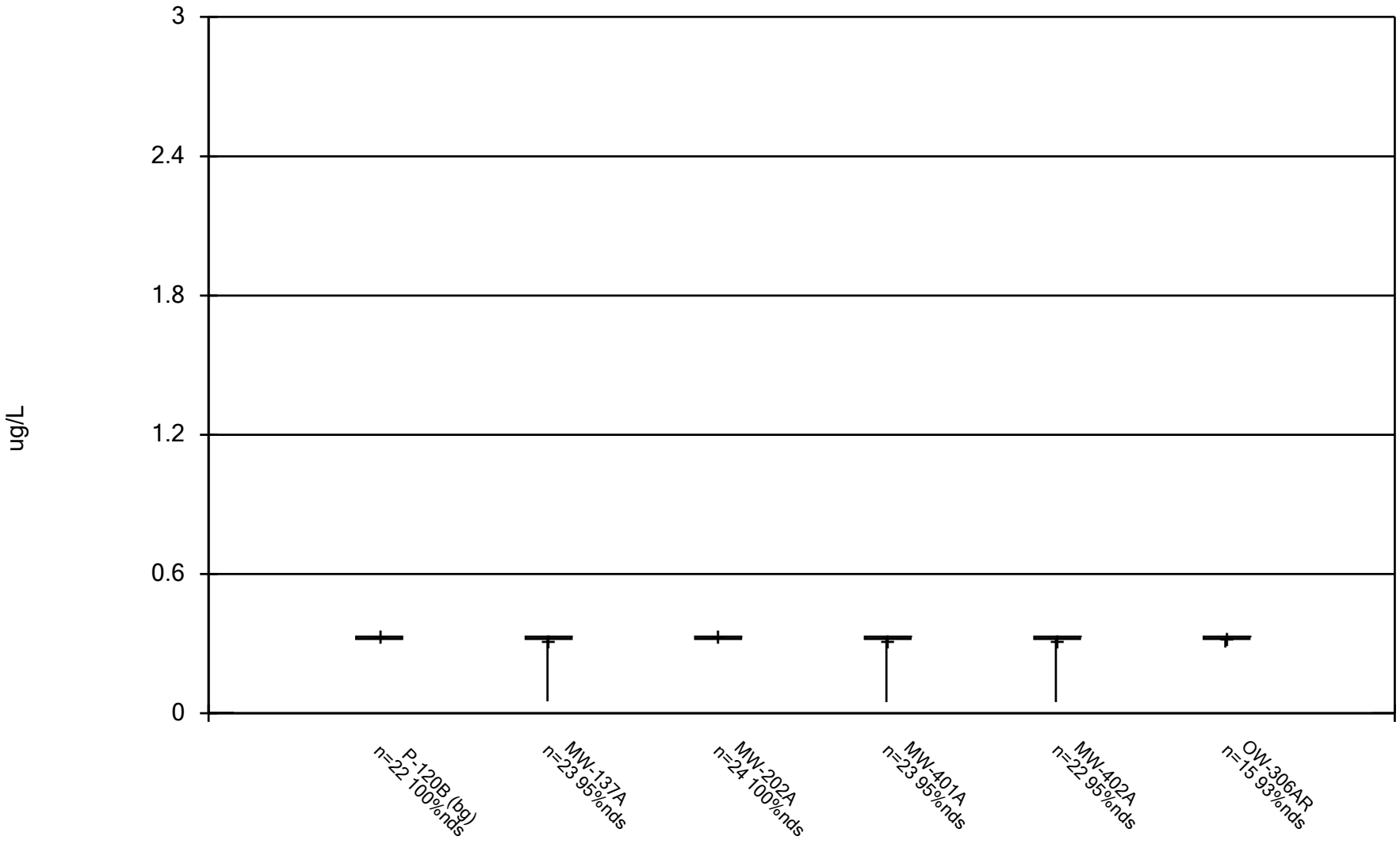
Box & Whiskers Plot



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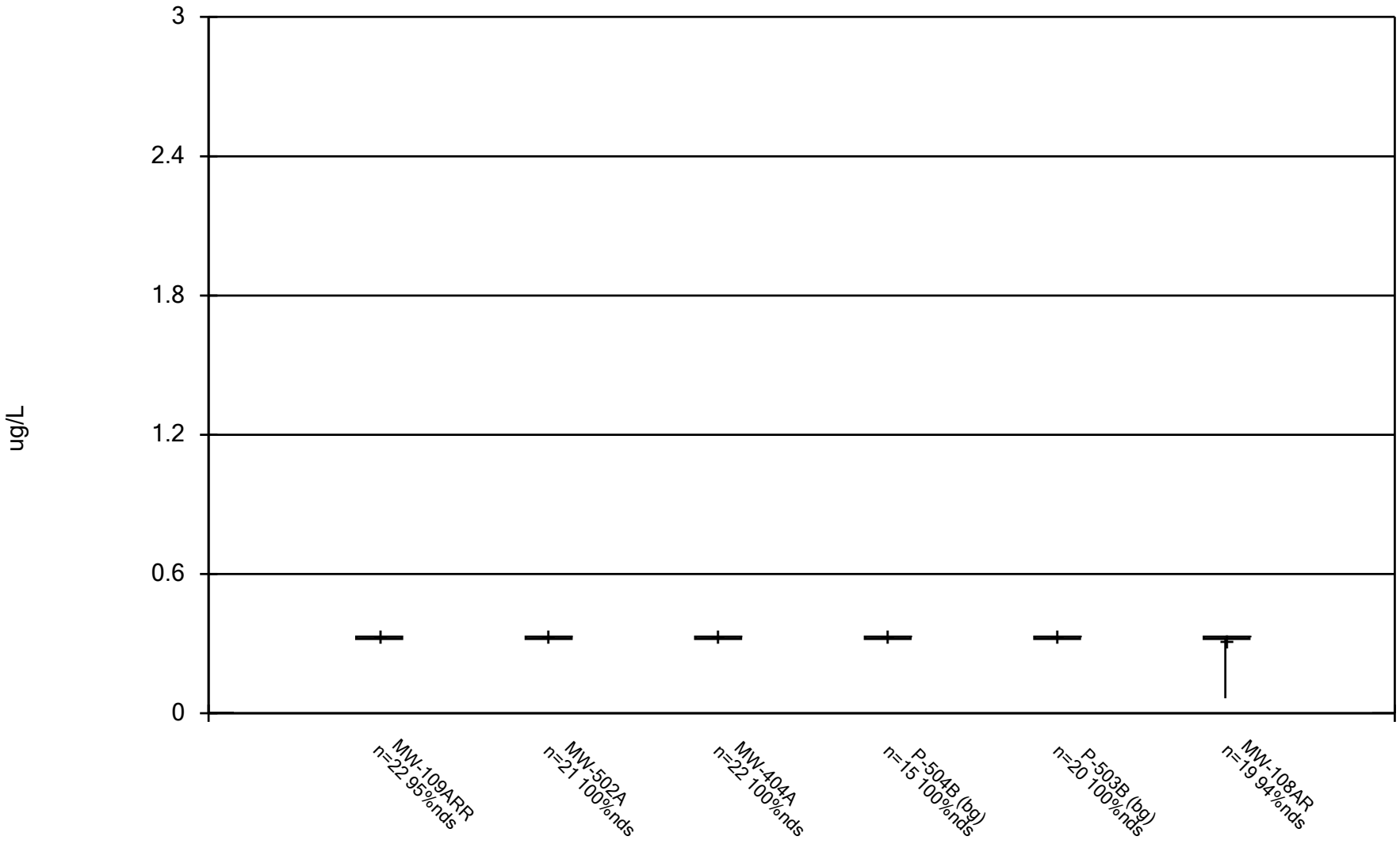
Box & Whiskers Plot



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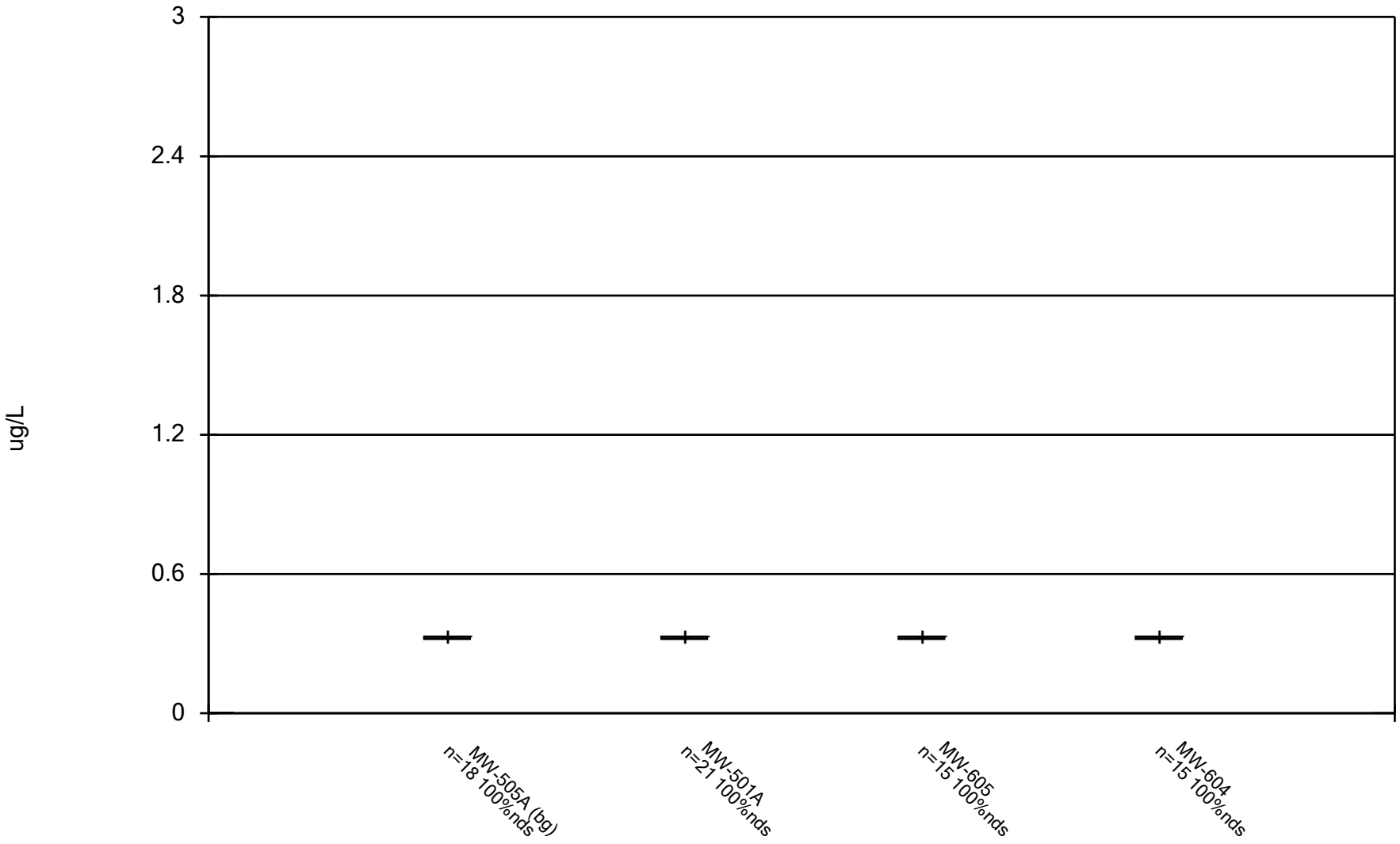
Box & Whiskers Plot



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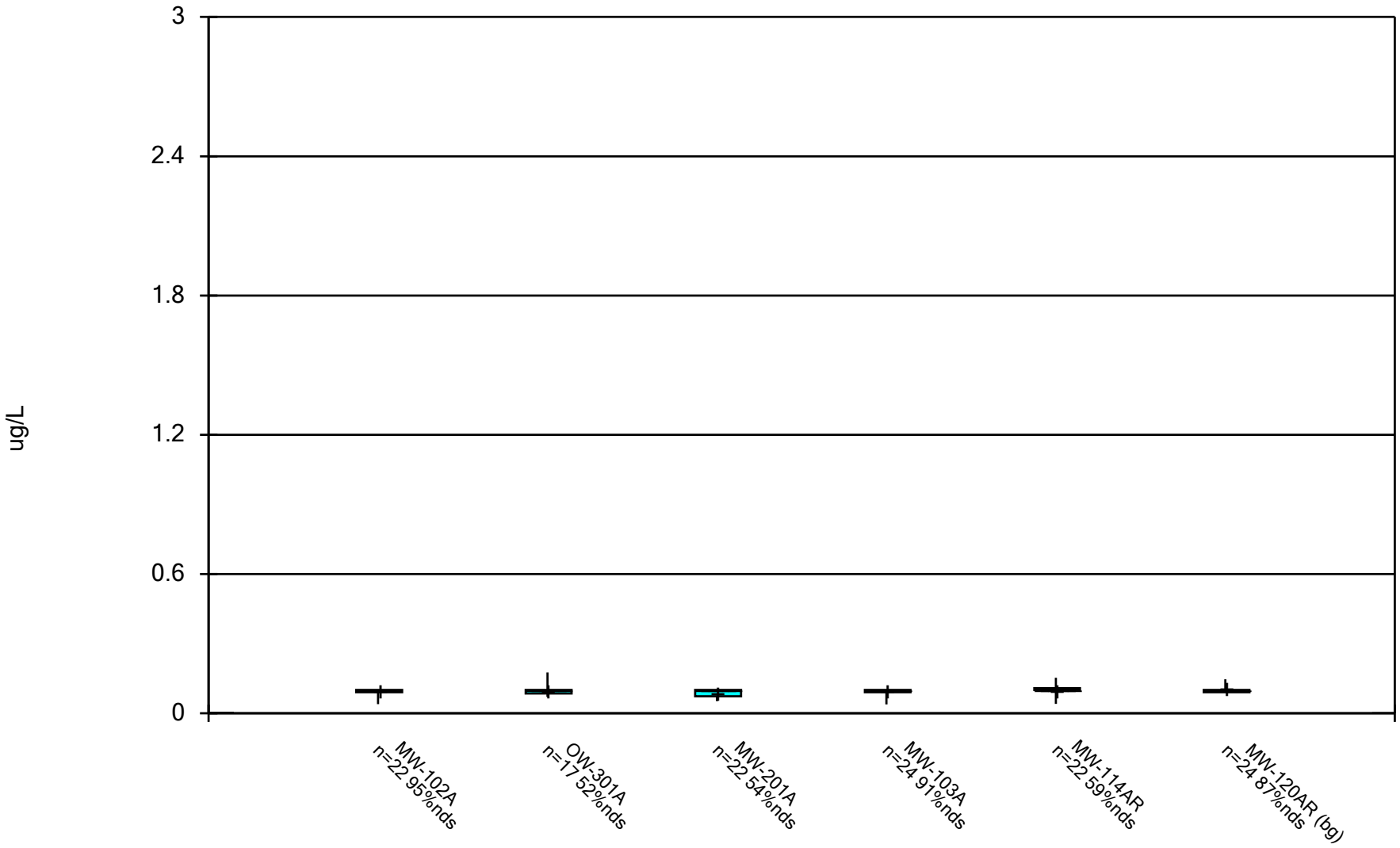
Box & Whiskers Plot



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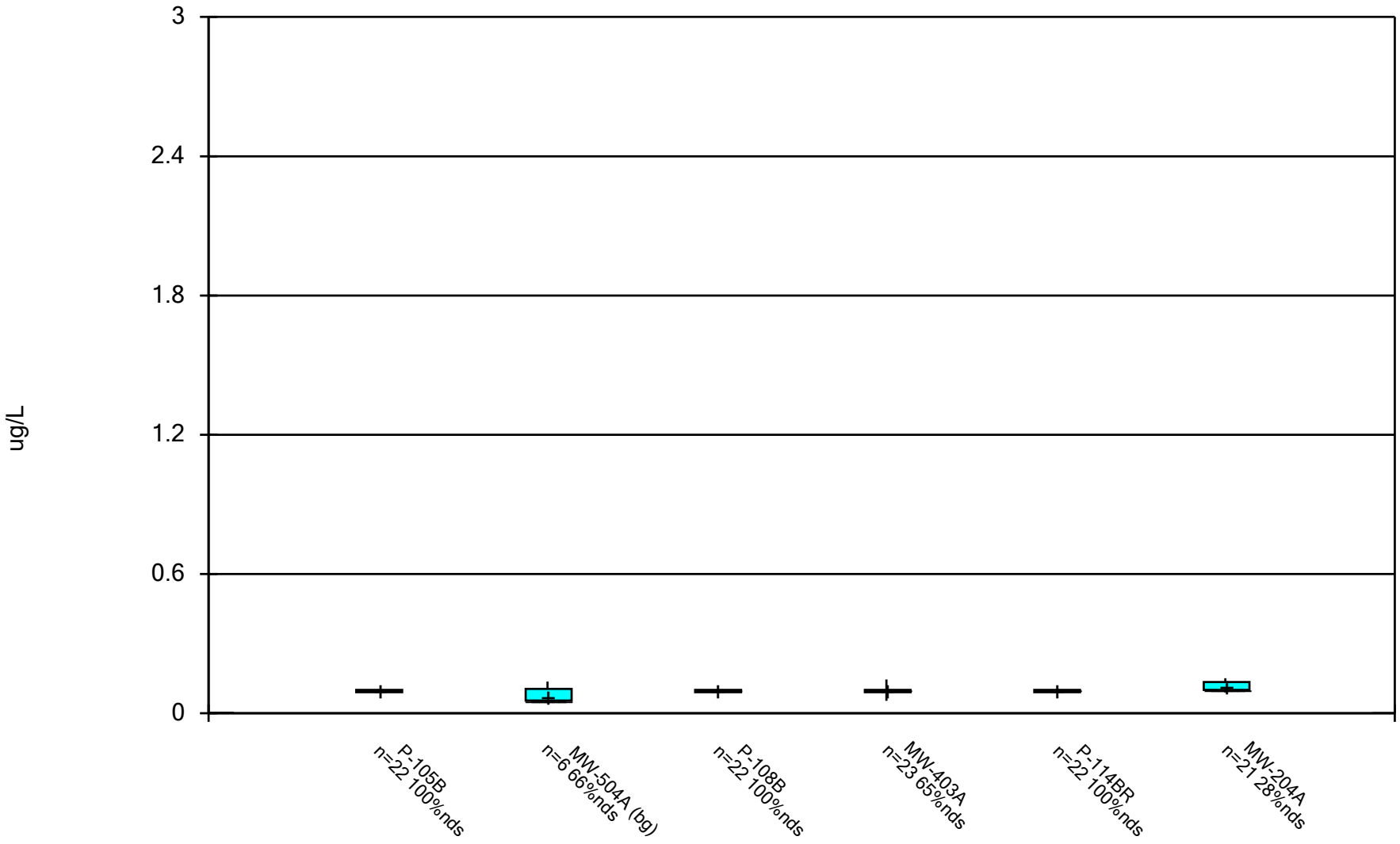
Box & Whiskers Plot



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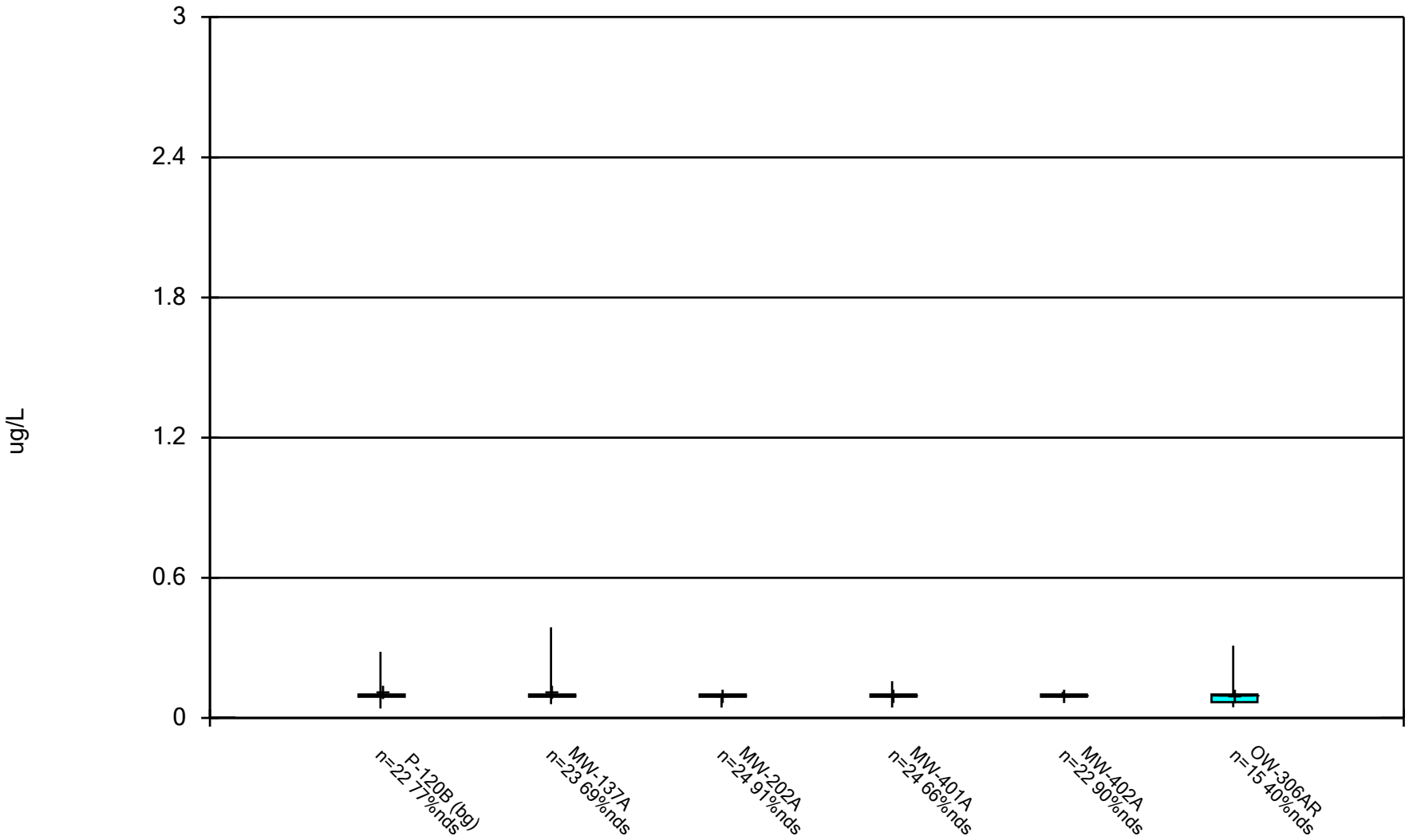
Box & Whiskers Plot



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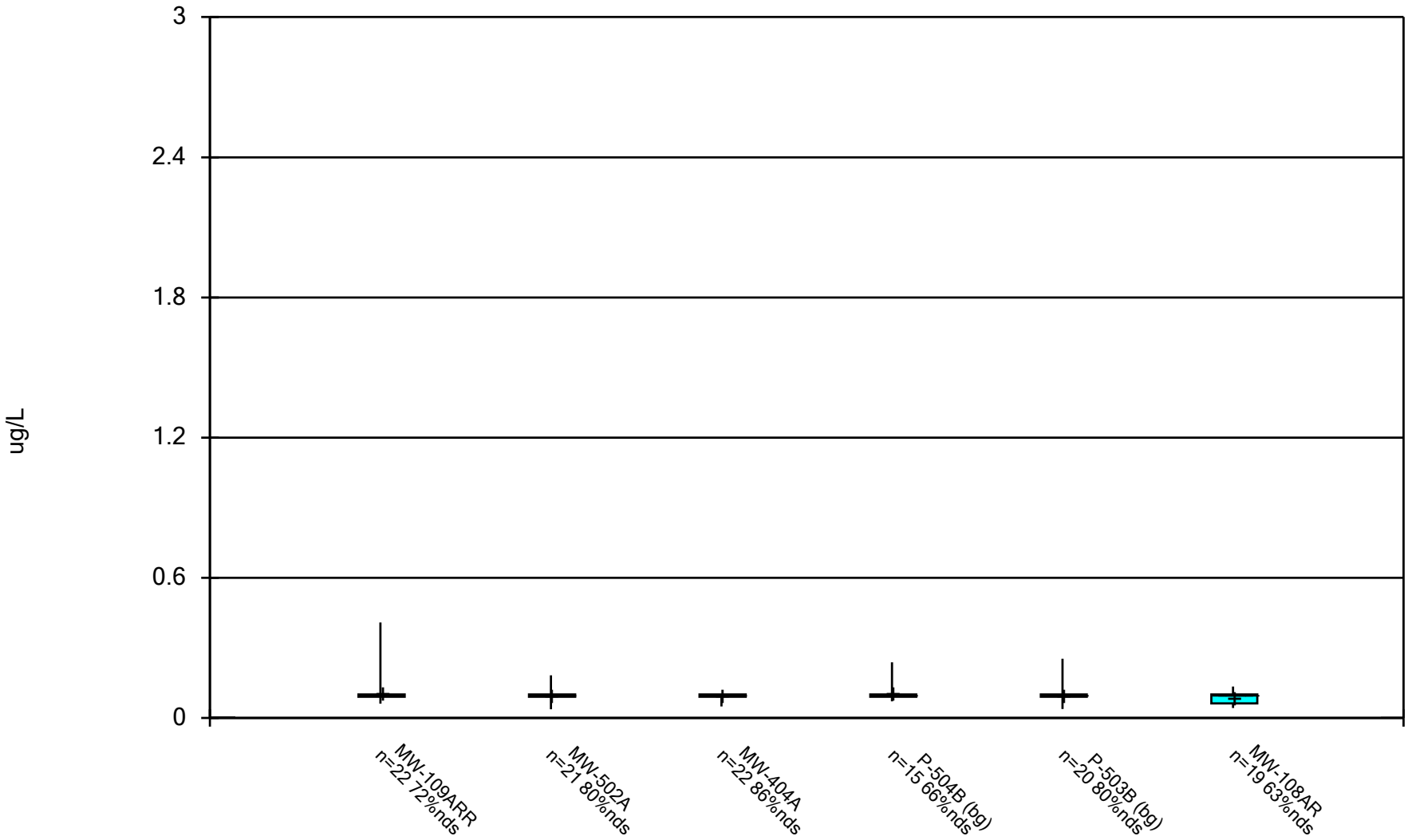
Box & Whiskers Plot



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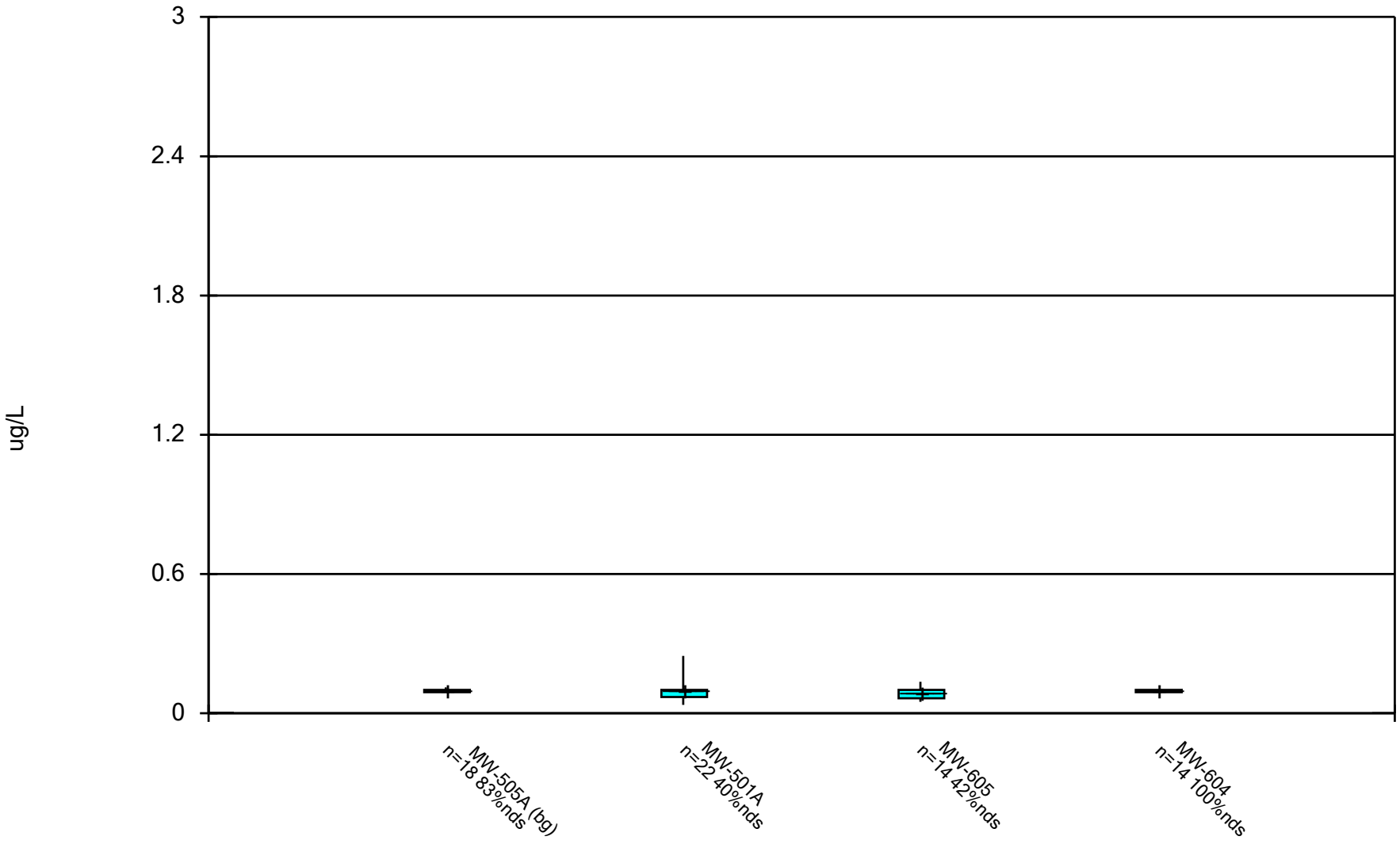
Box & Whiskers Plot



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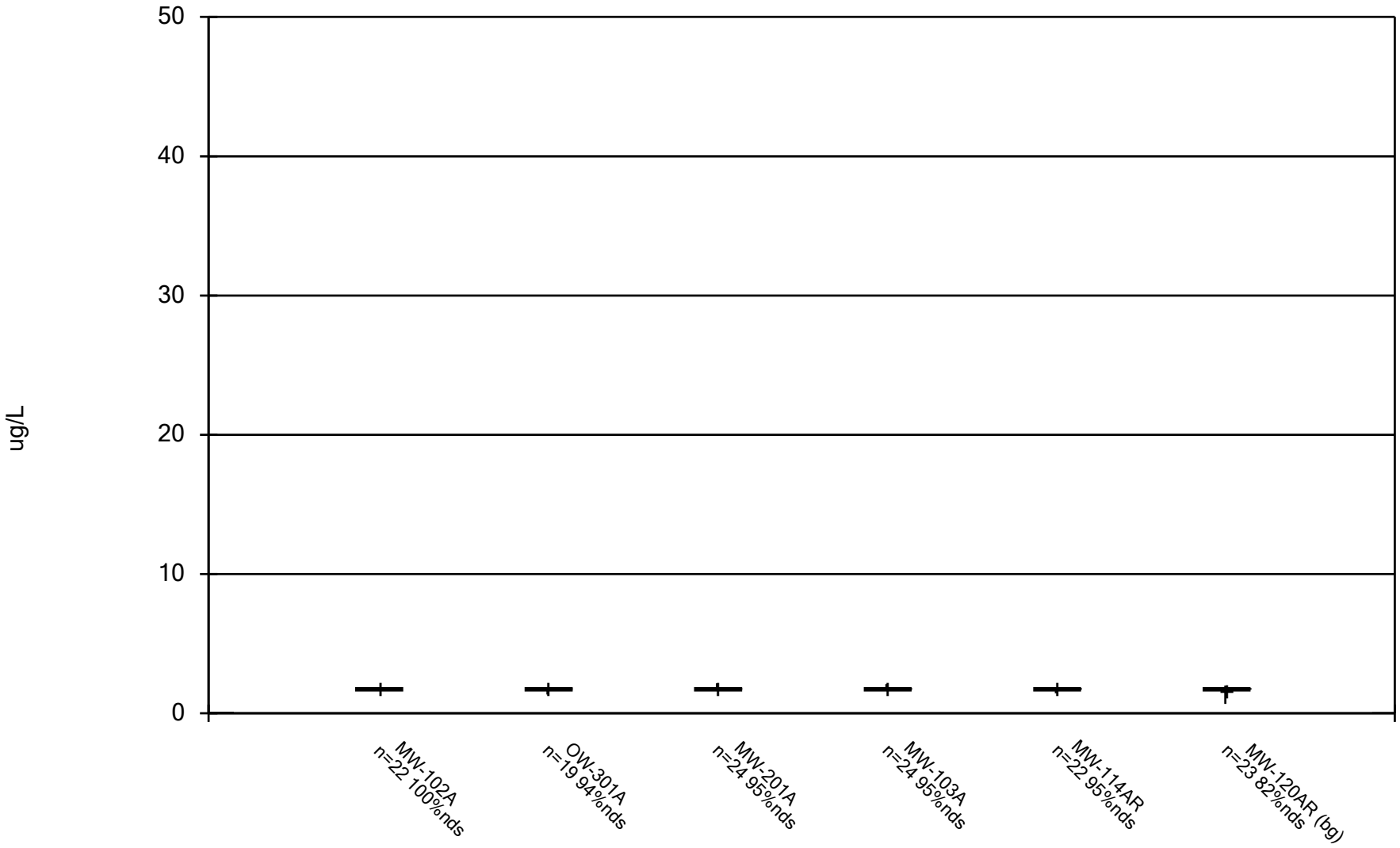
Box & Whiskers Plot



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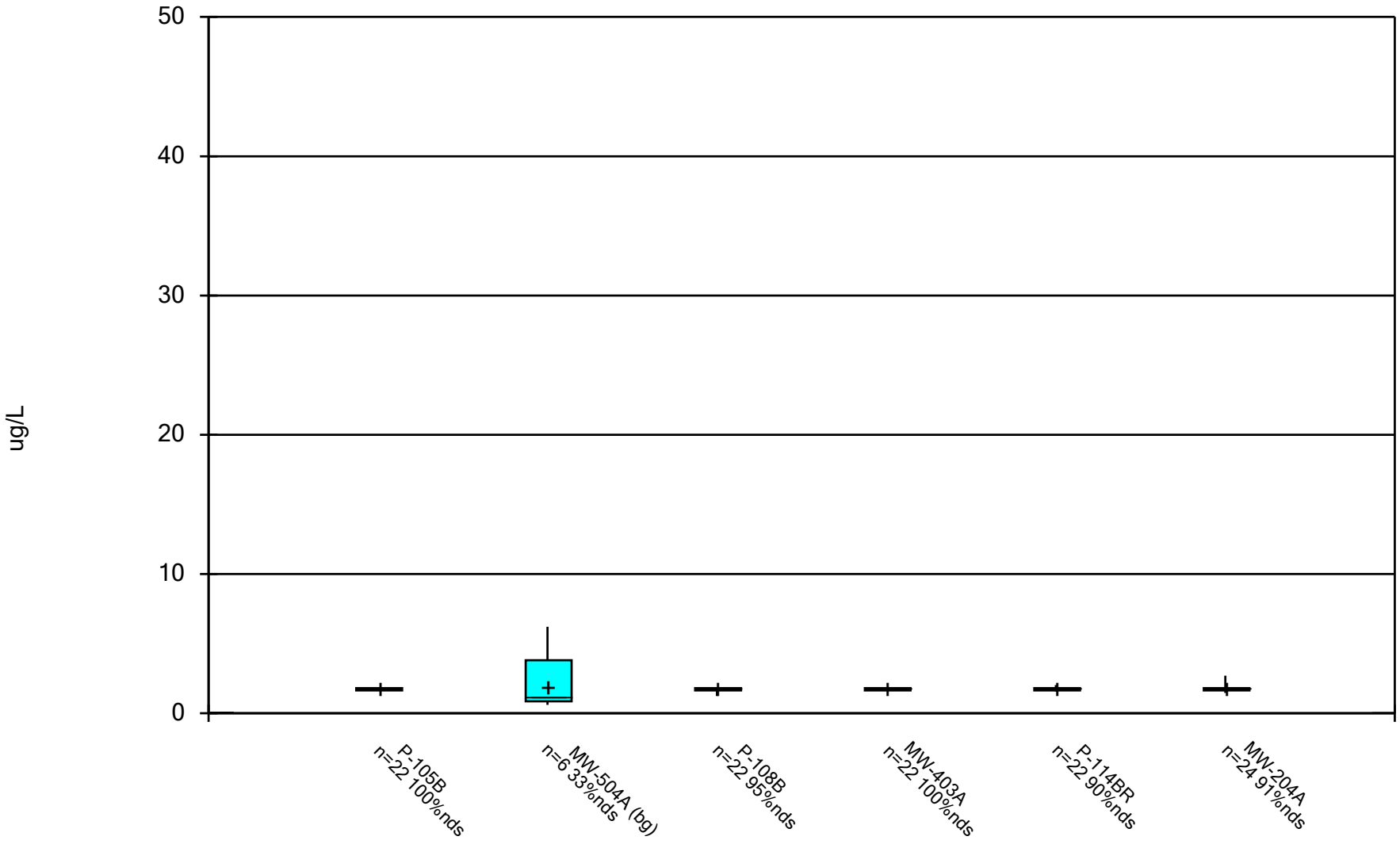
Box & Whiskers Plot



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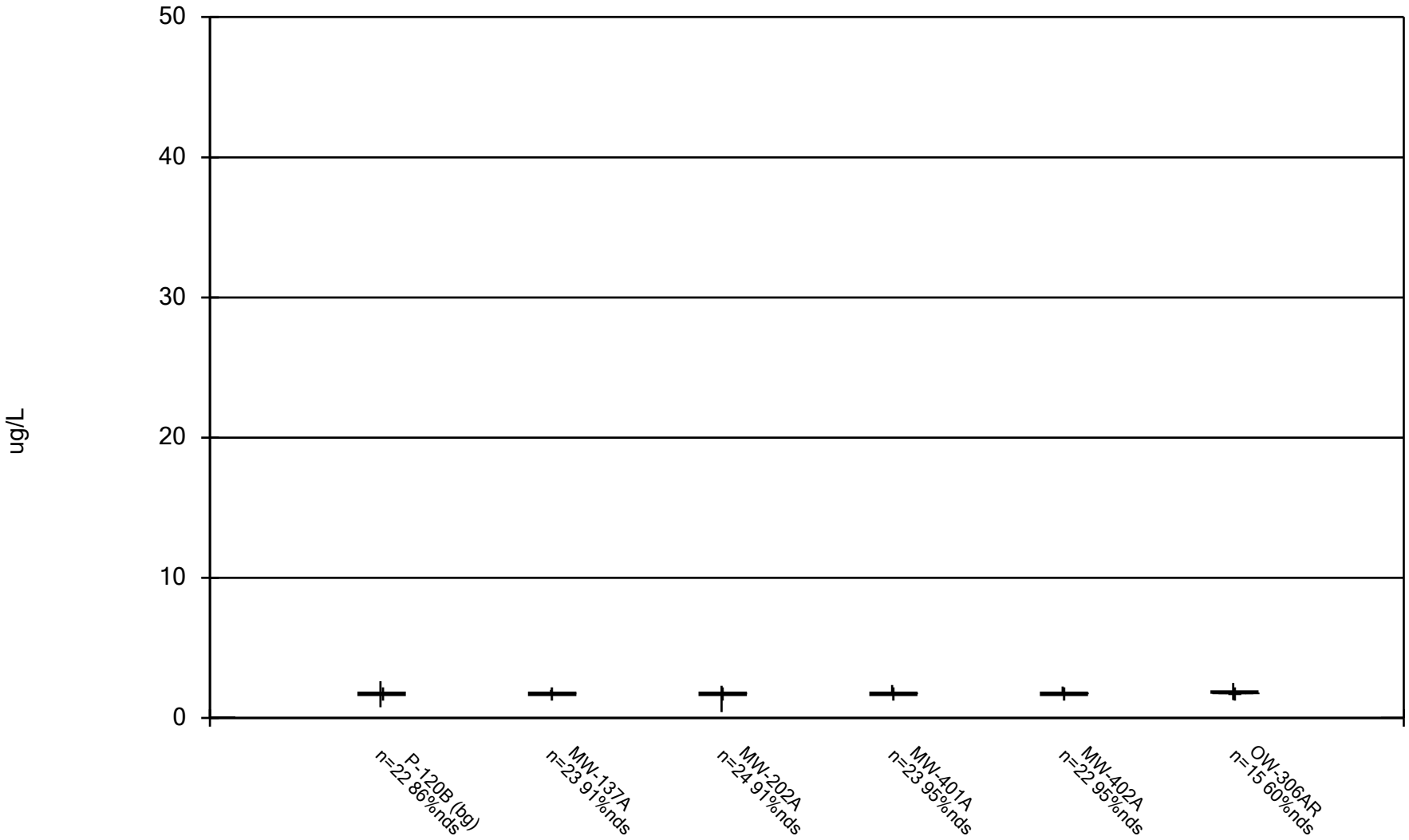
Box & Whiskers Plot



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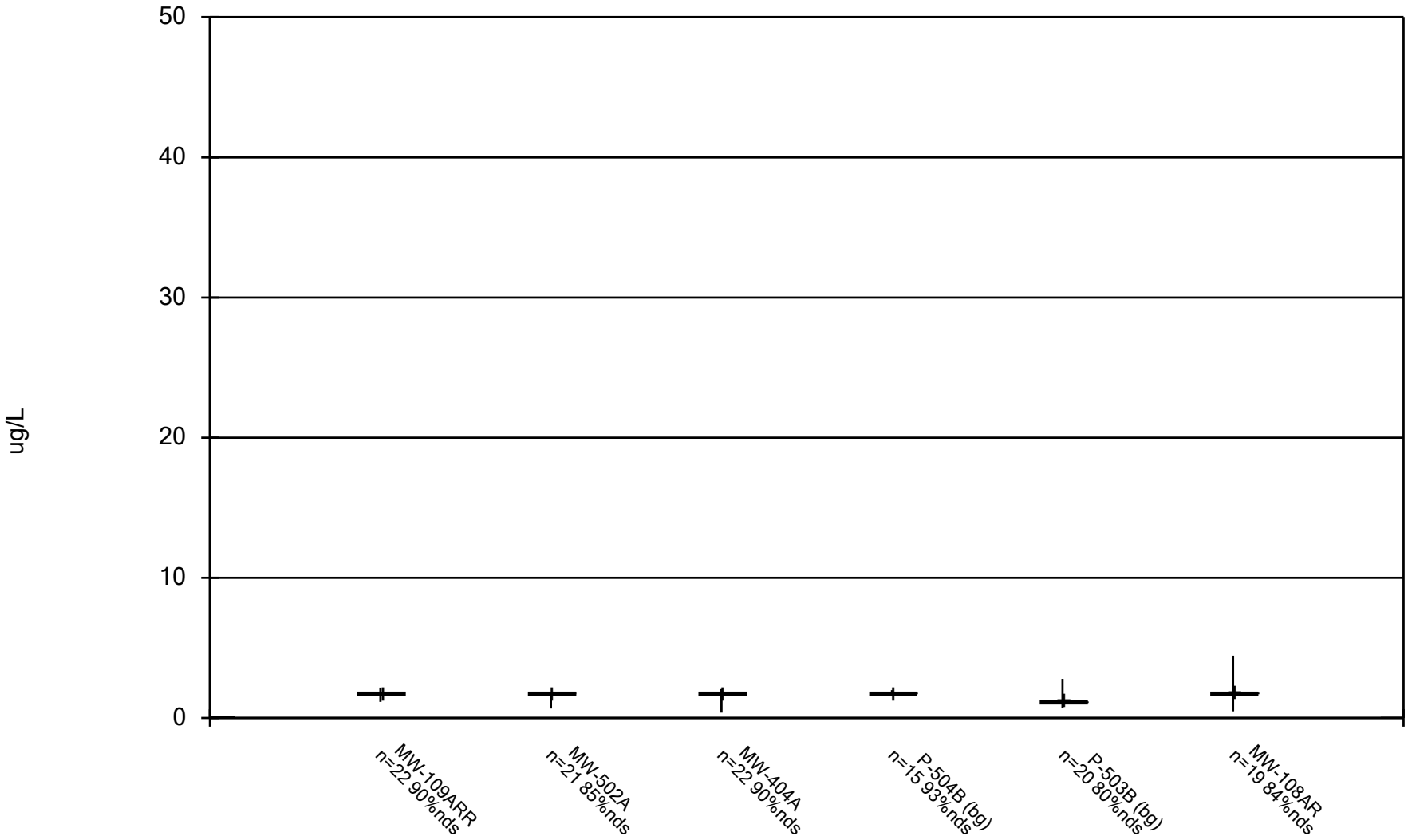
Box & Whiskers Plot



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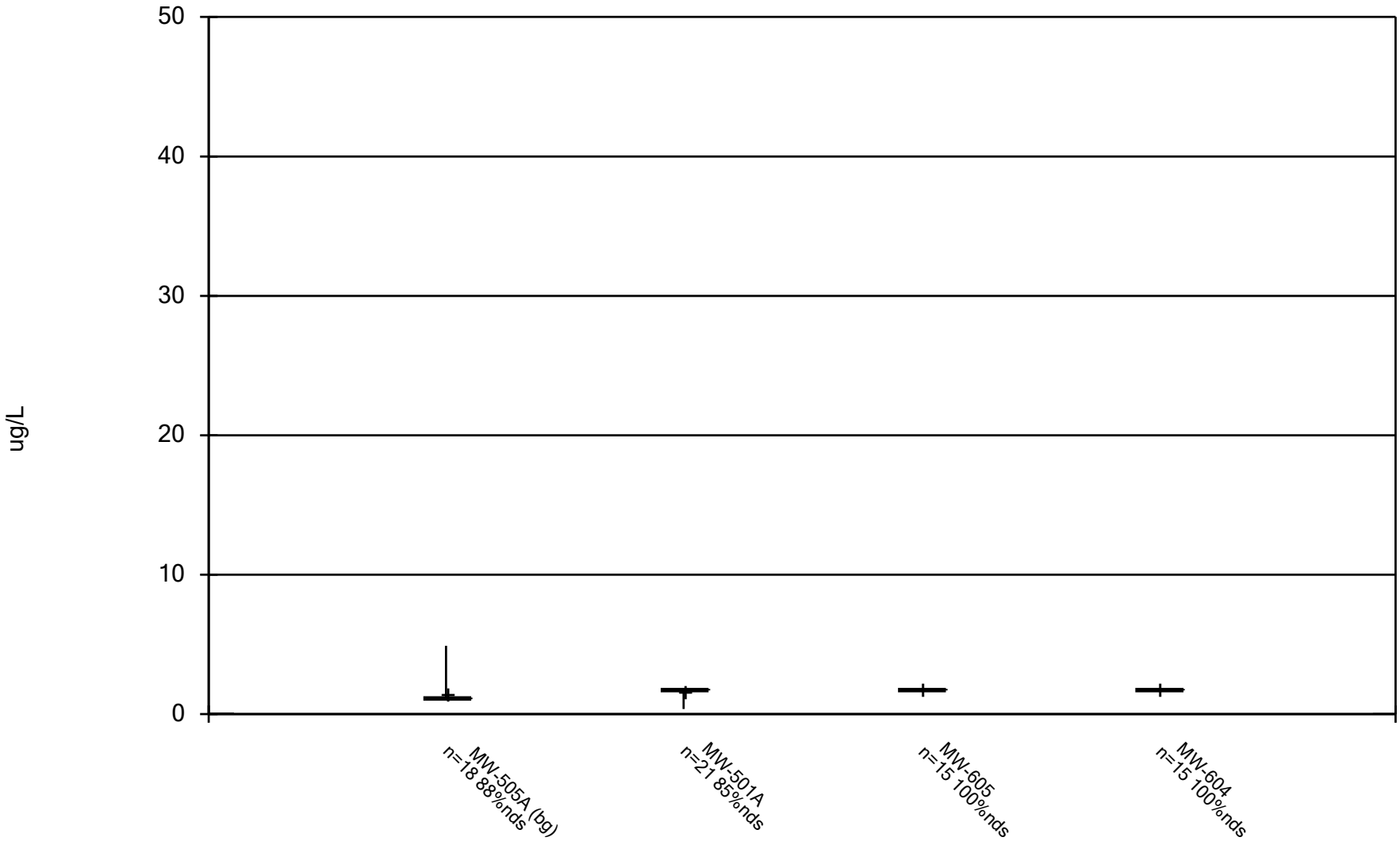
Box & Whiskers Plot



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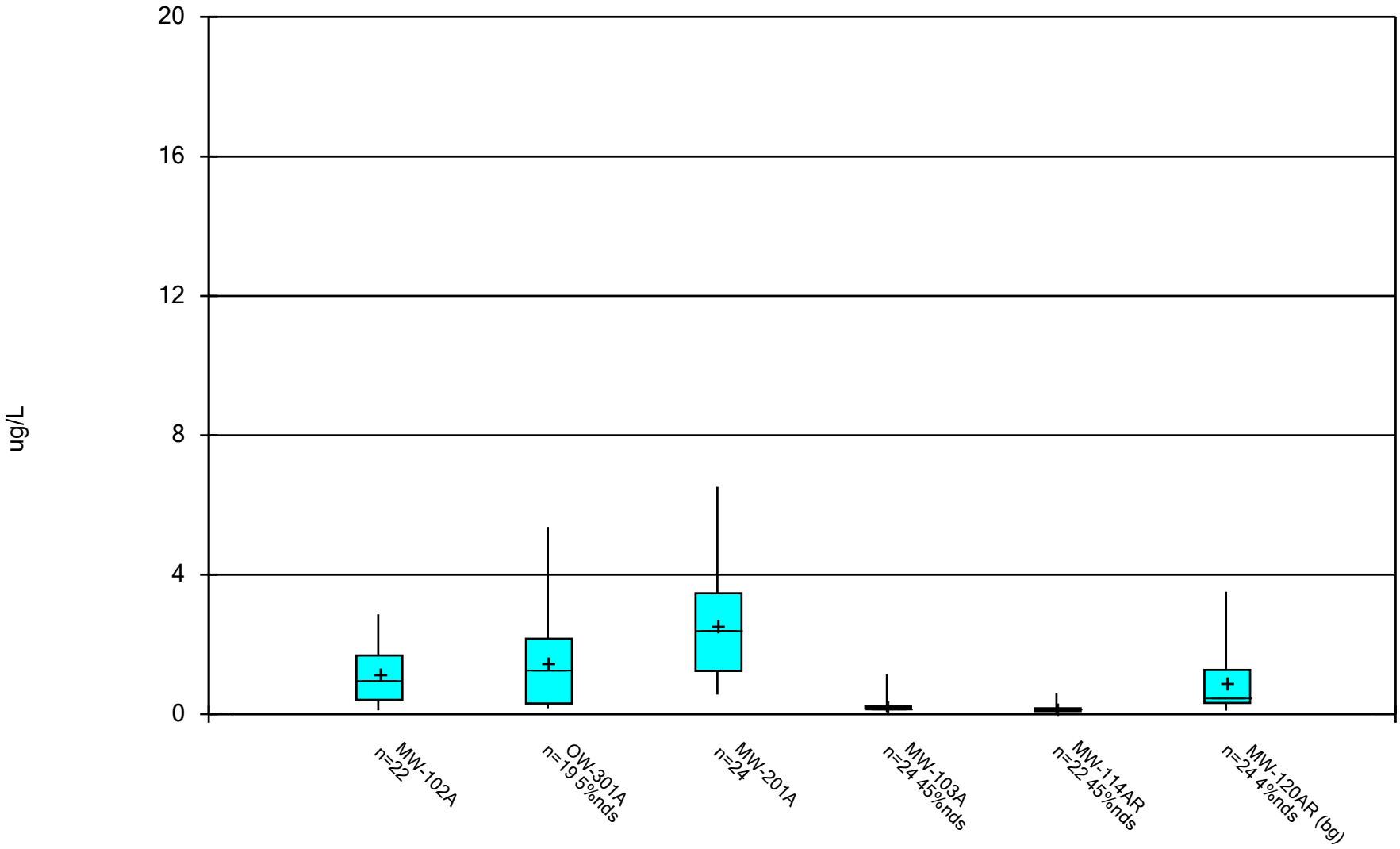
Box & Whiskers Plot



Constituent: Cobalt Analysis Run 6/12/2025 12:17 PM View: All Wells - Appendix I Metals

DMASWA Data: DMASWA Database_Updated

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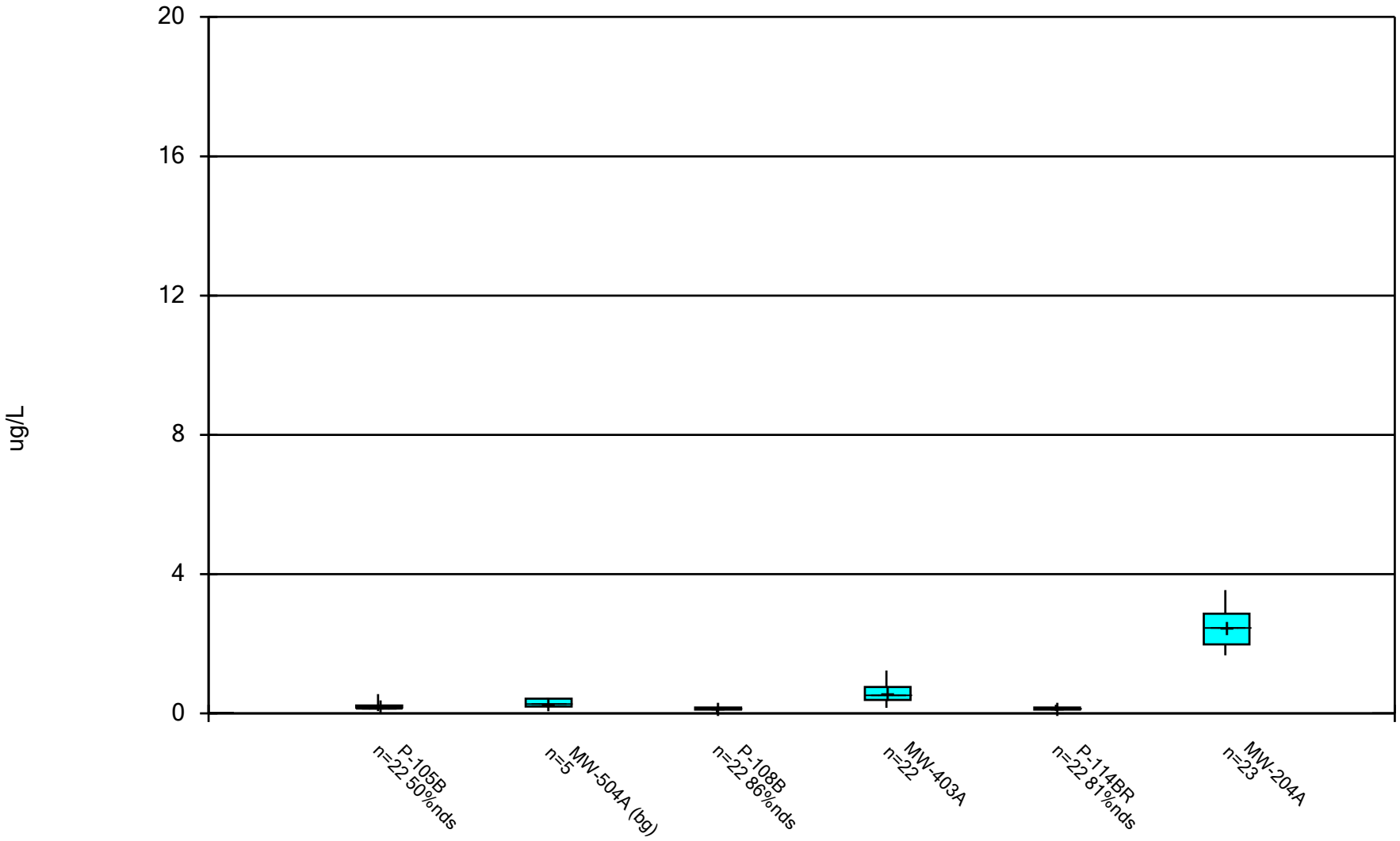
Box & Whiskers Plot



Constituent: Cobalt Analysis Run 6/12/2025 12:17 PM View: All Wells - Appendix I Metals DMASWA Data: DMASWA Database_Updated

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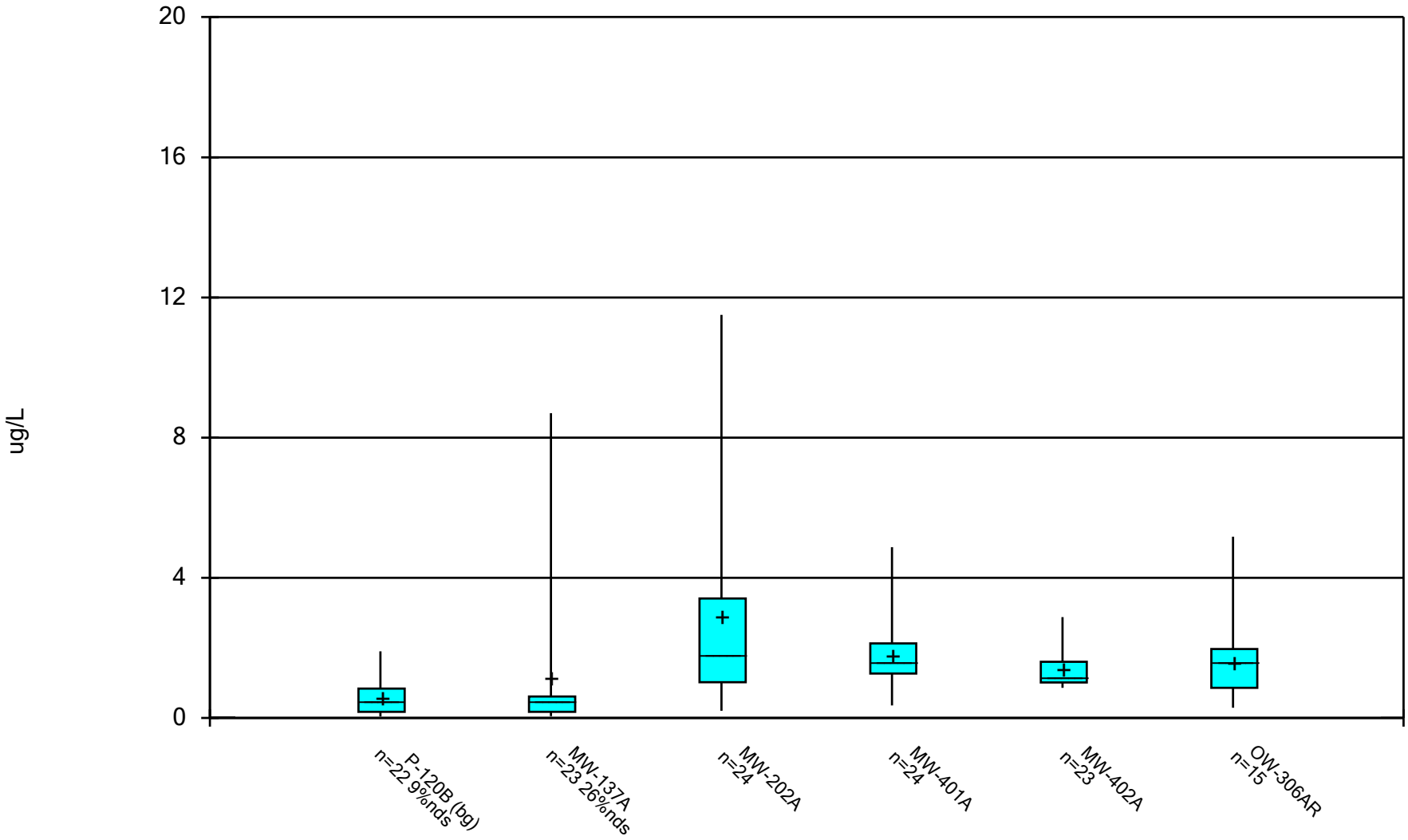
Box & Whiskers Plot



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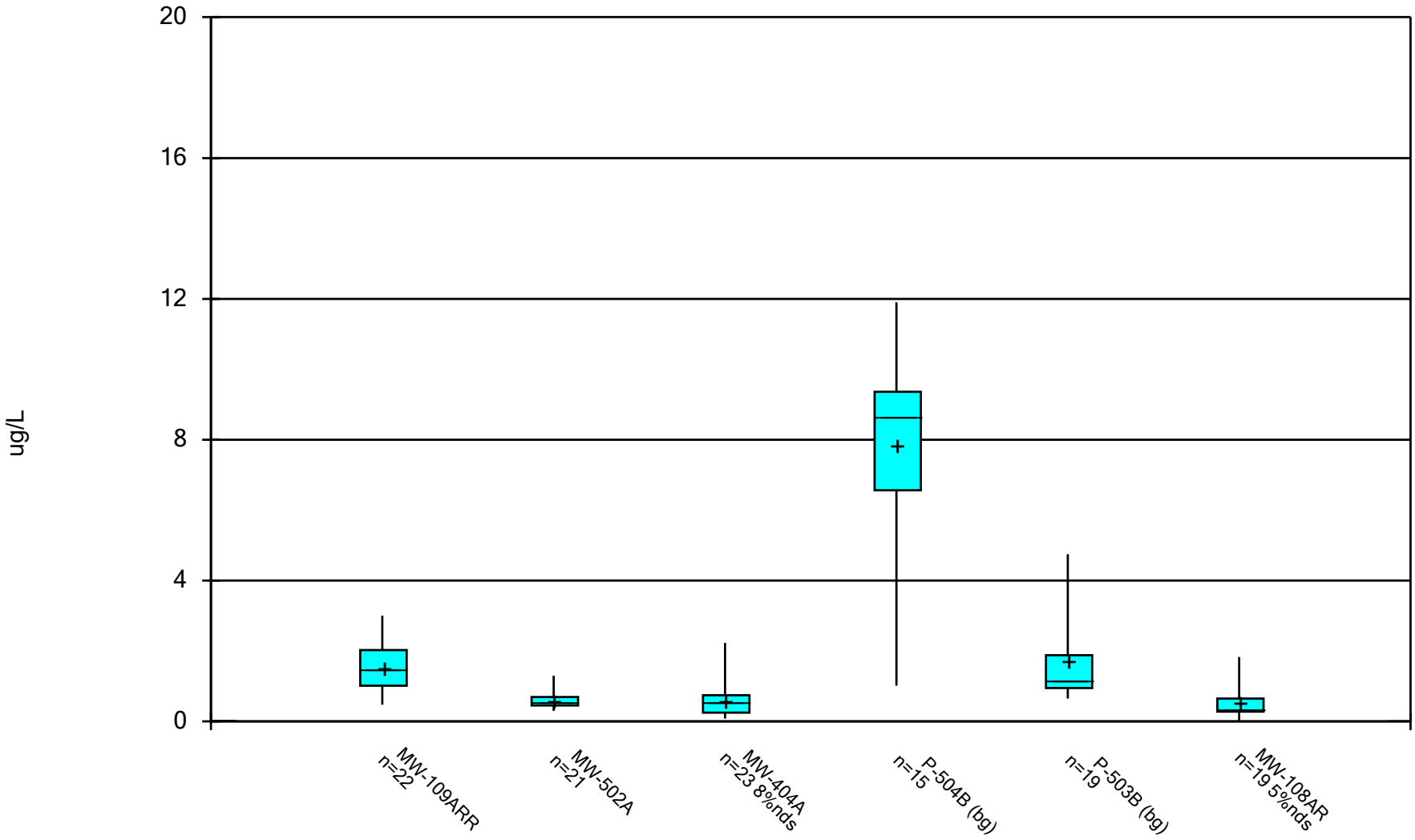
Box & Whiskers Plot



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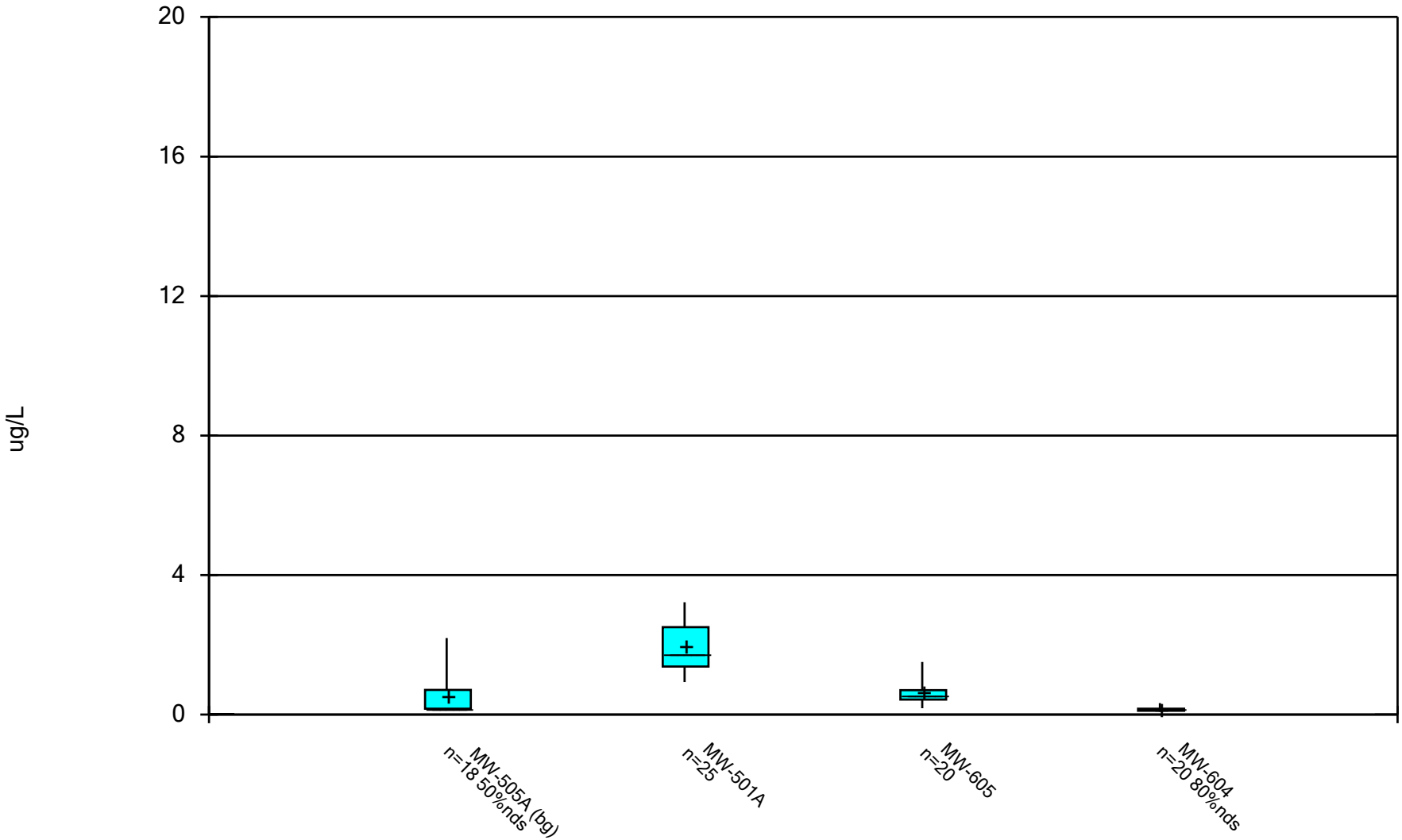
Box & Whiskers Plot



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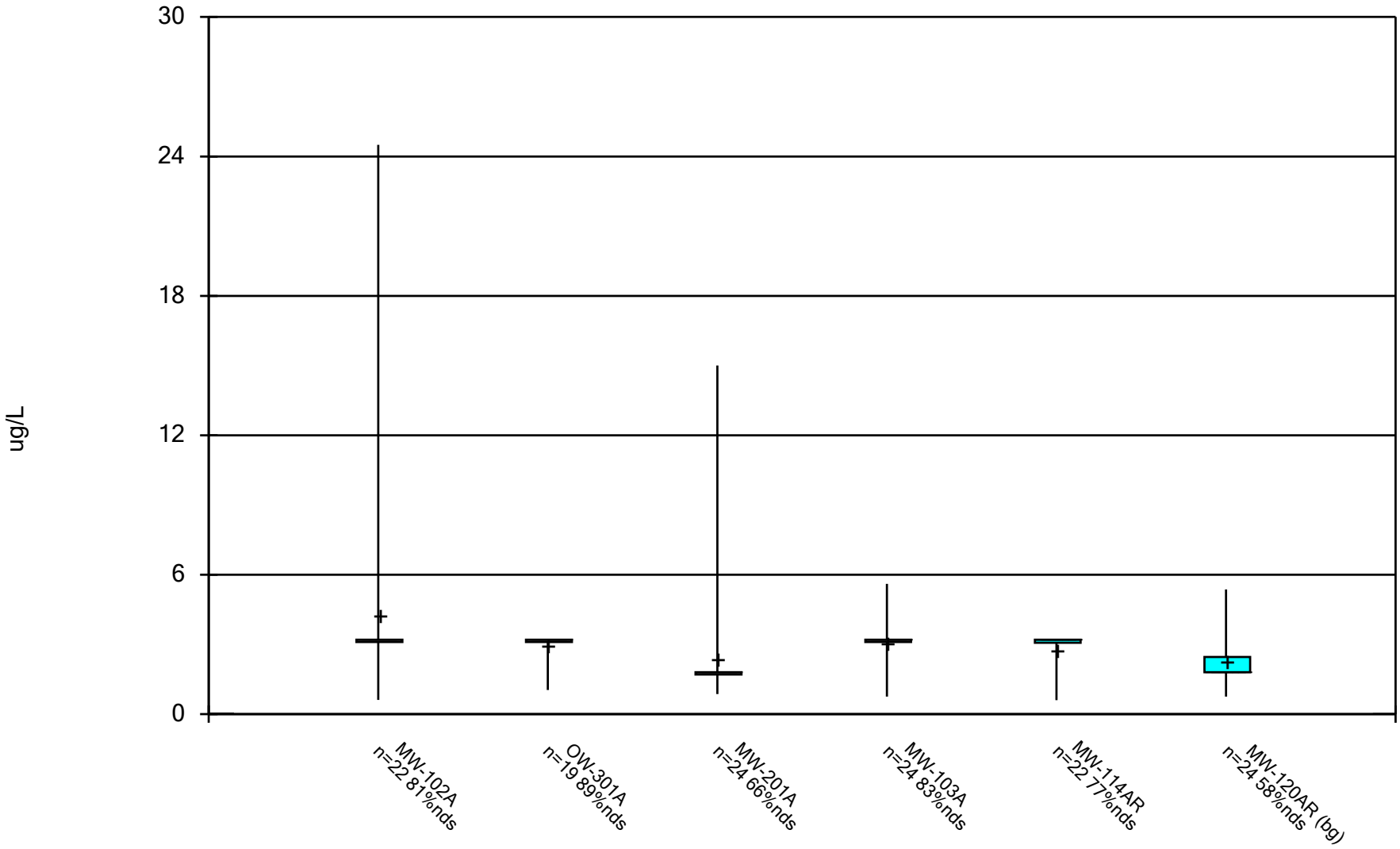

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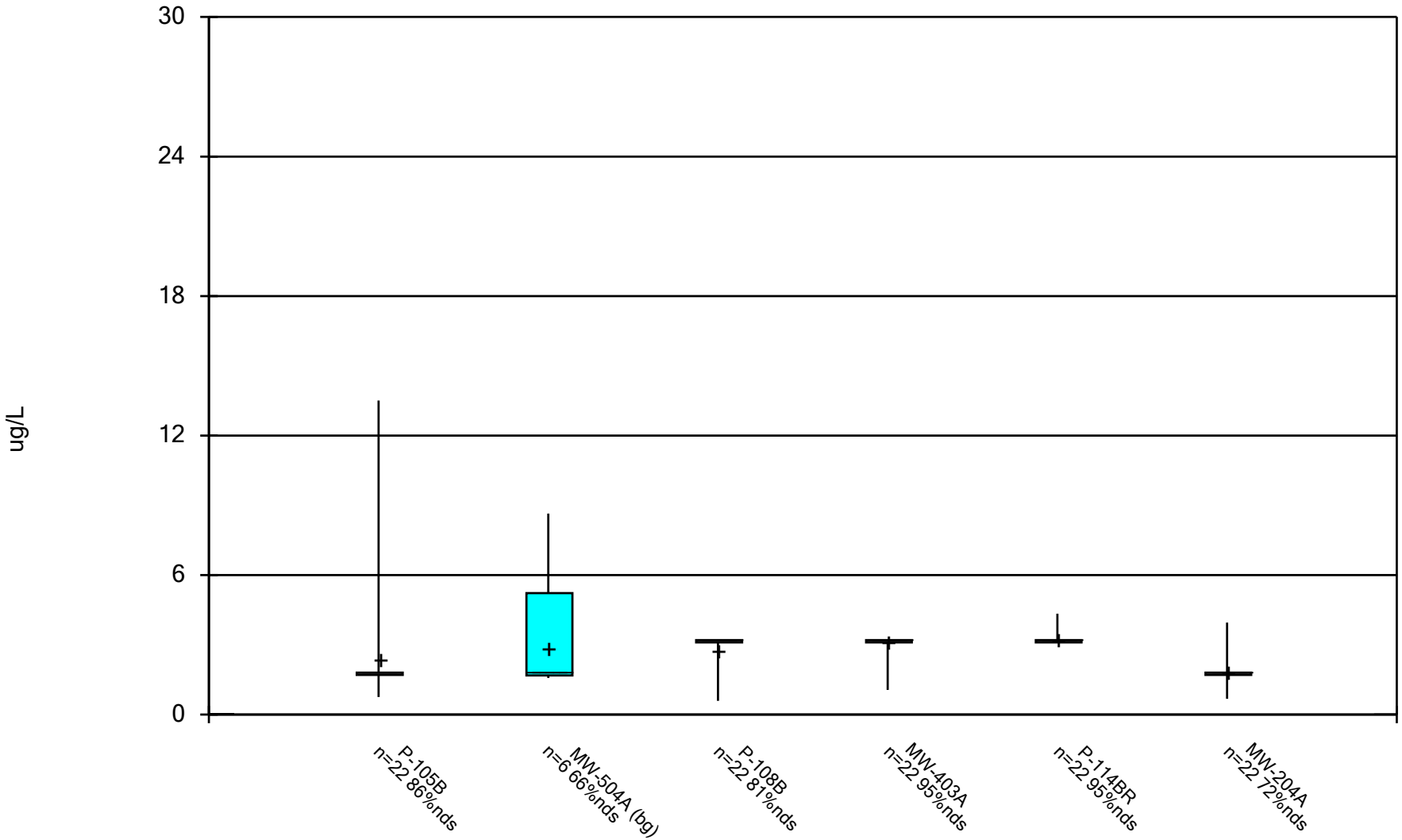

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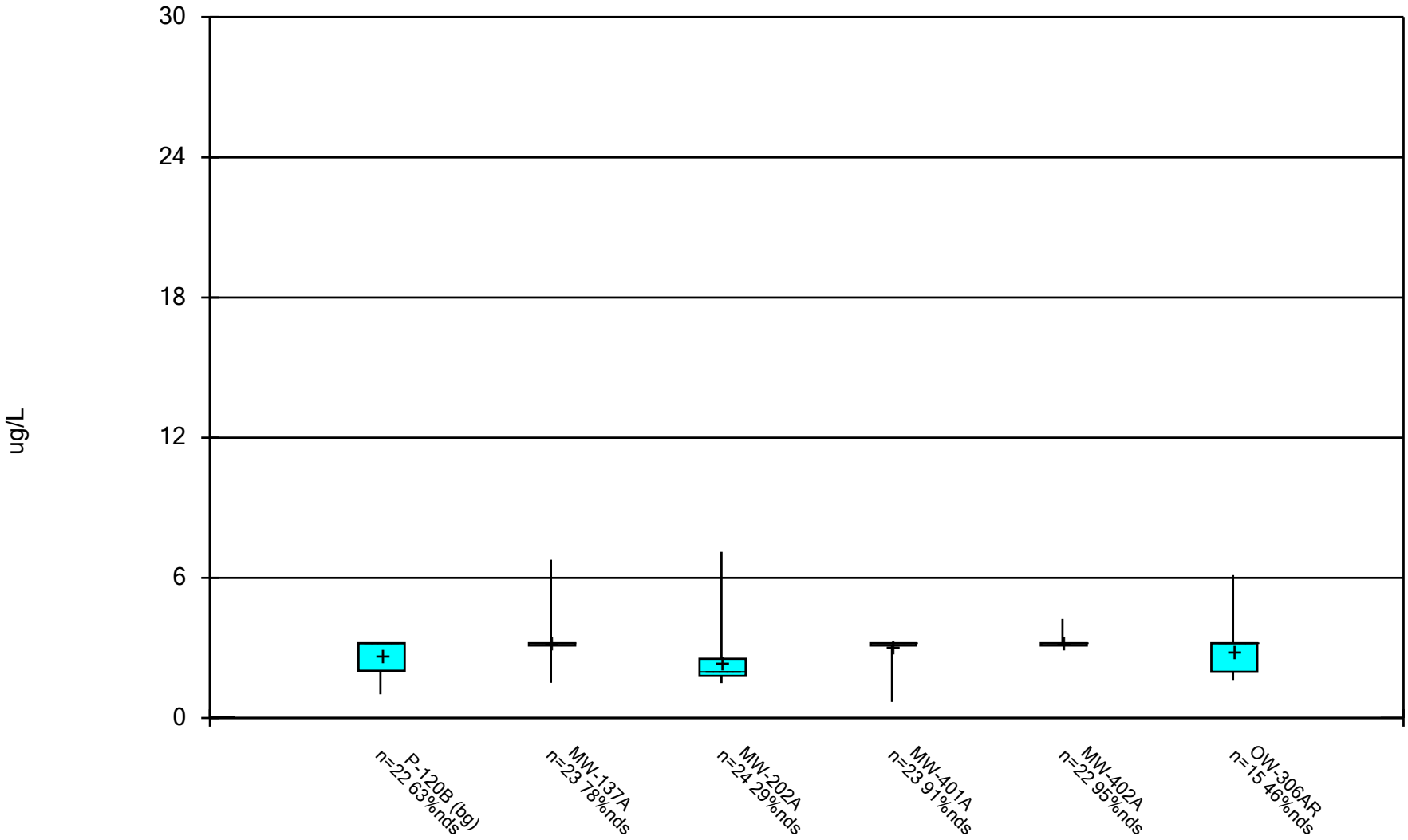

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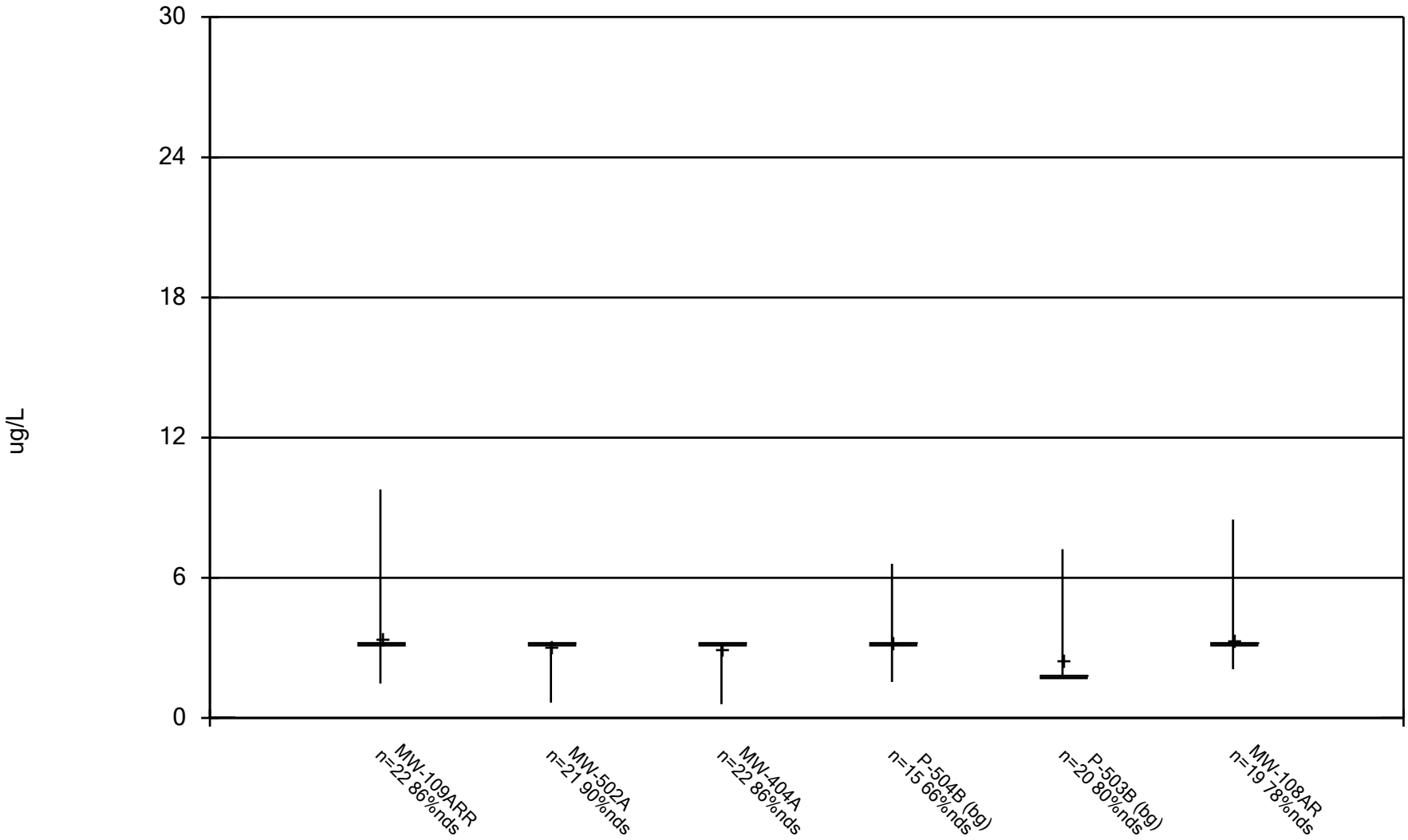
Box & Whiskers Plot



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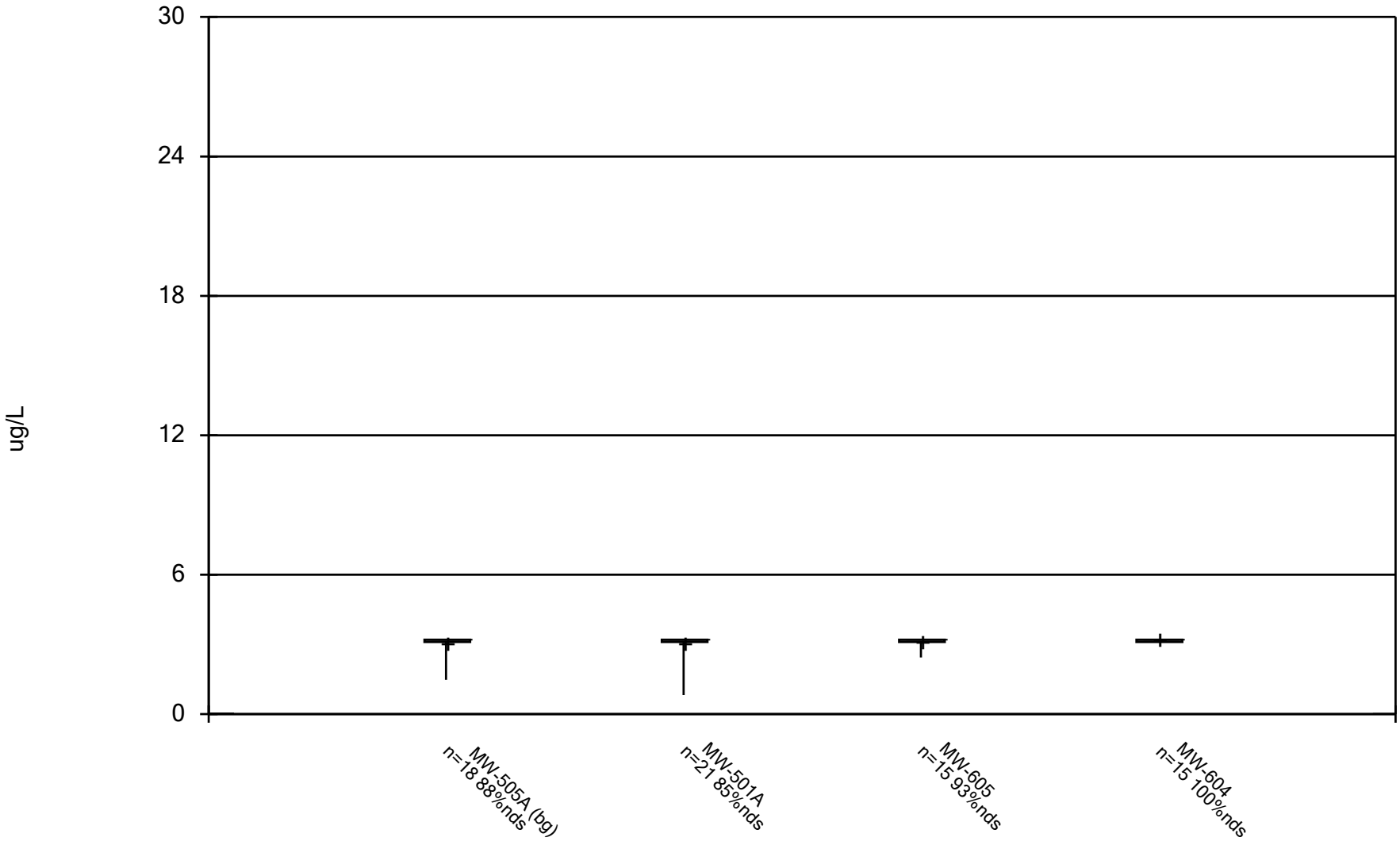
Box & Whiskers Plot



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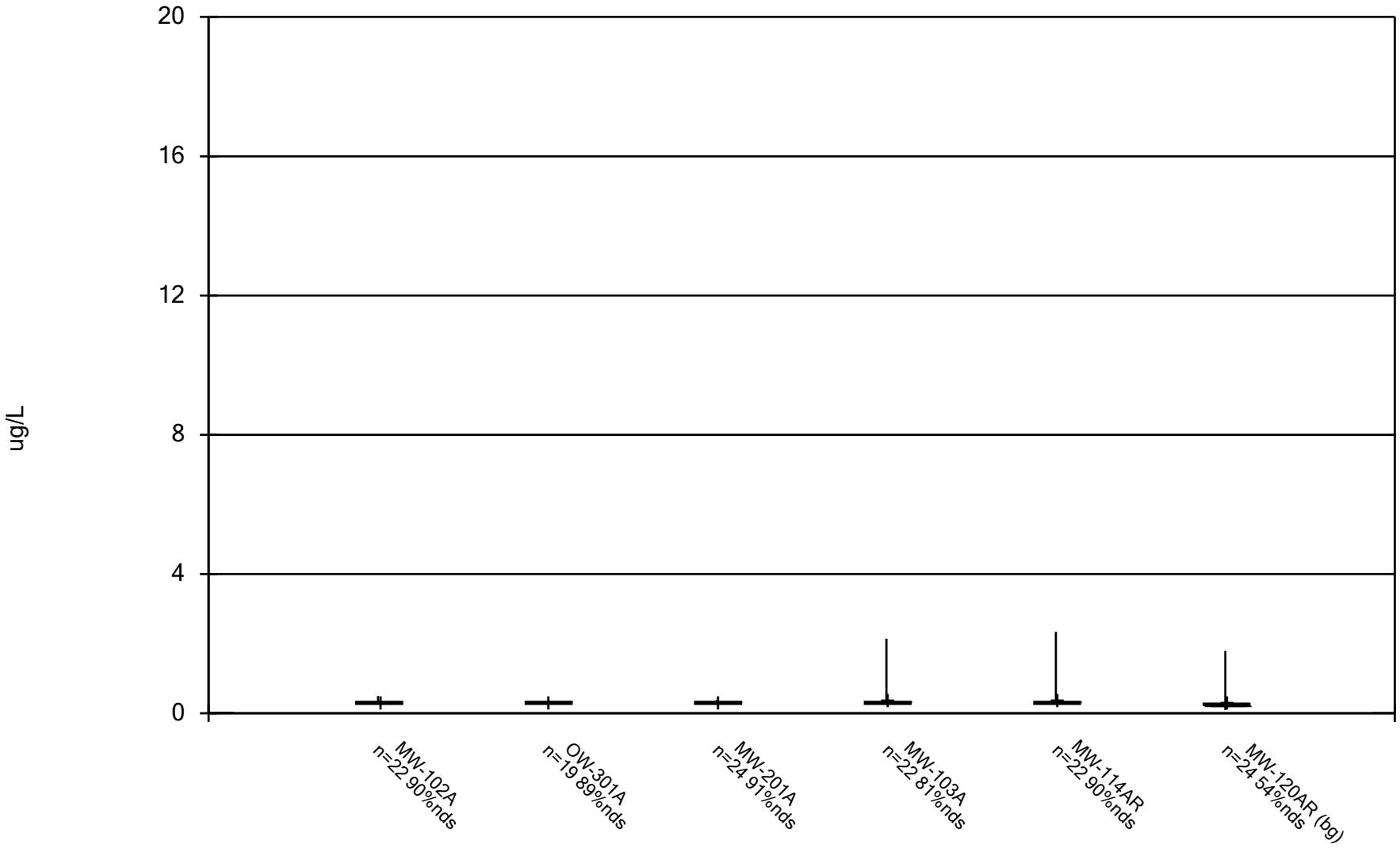

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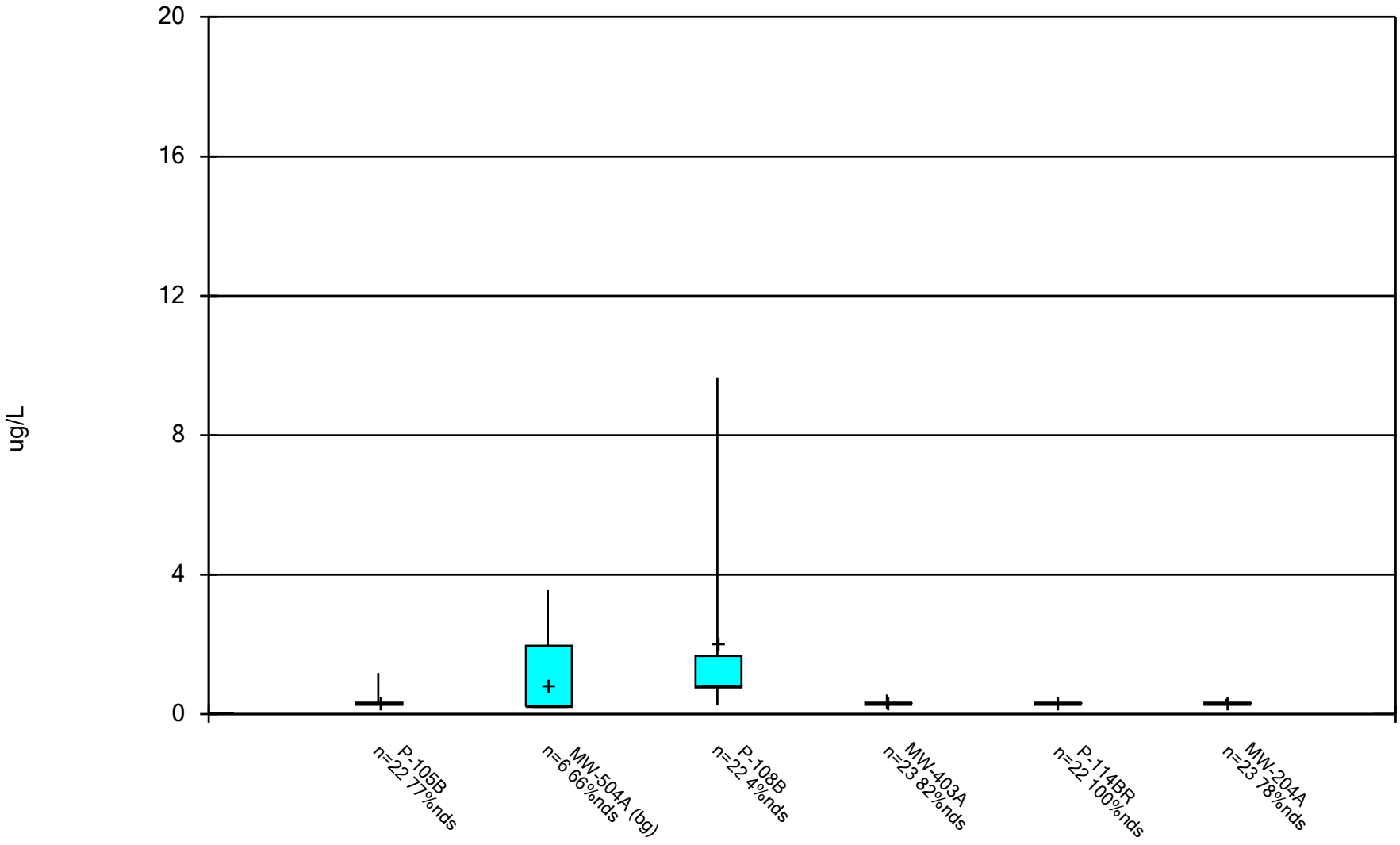

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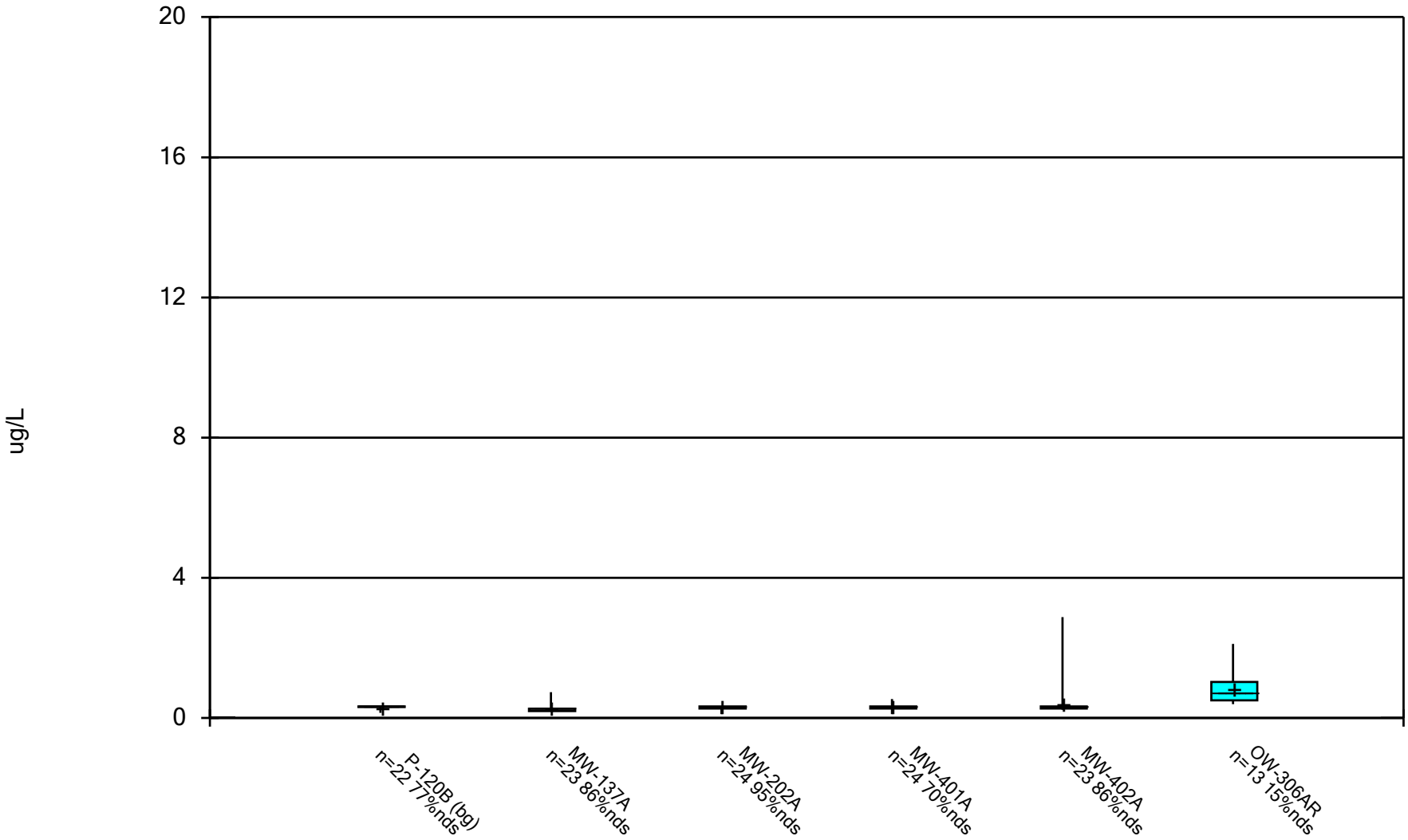

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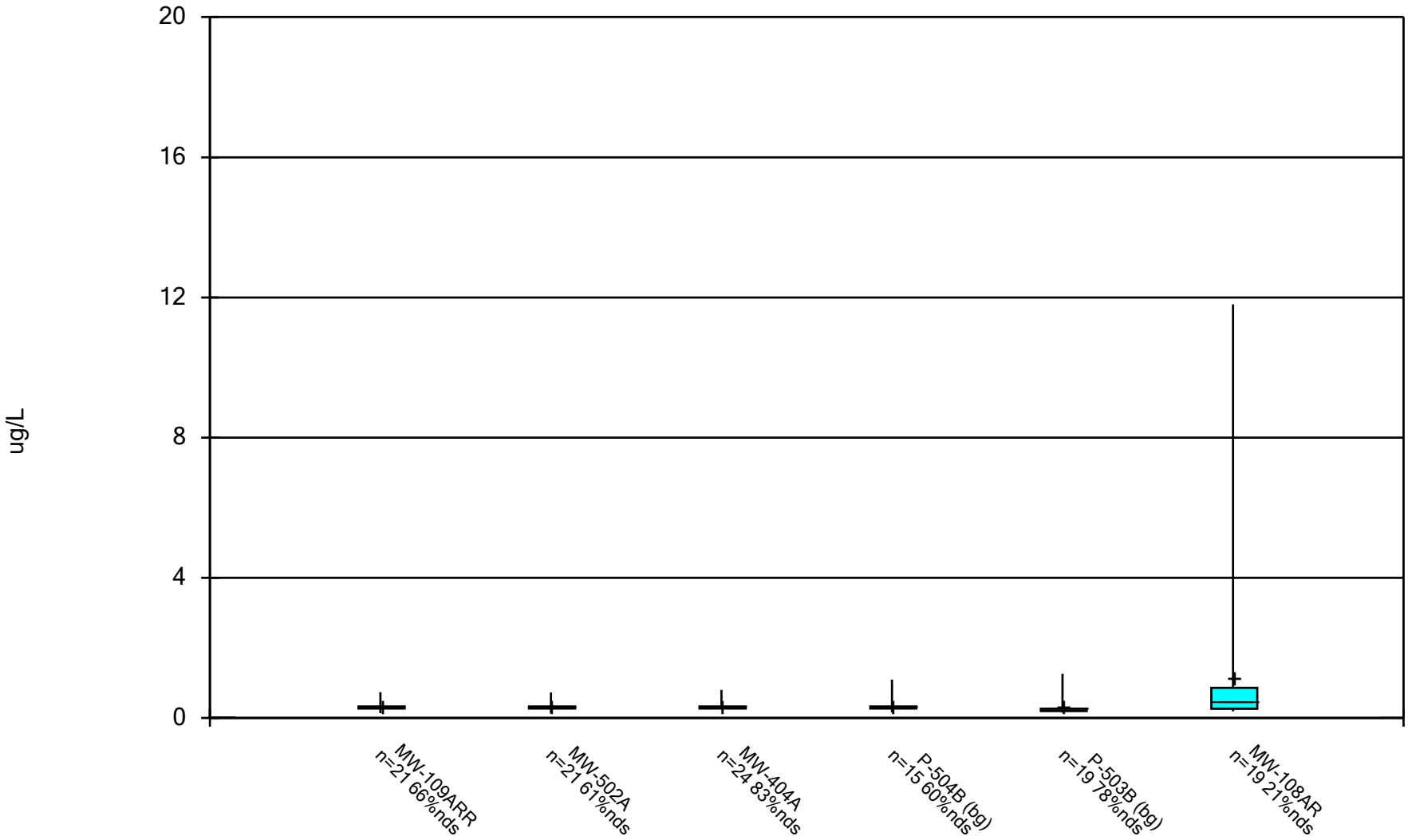
Box & Whiskers Plot



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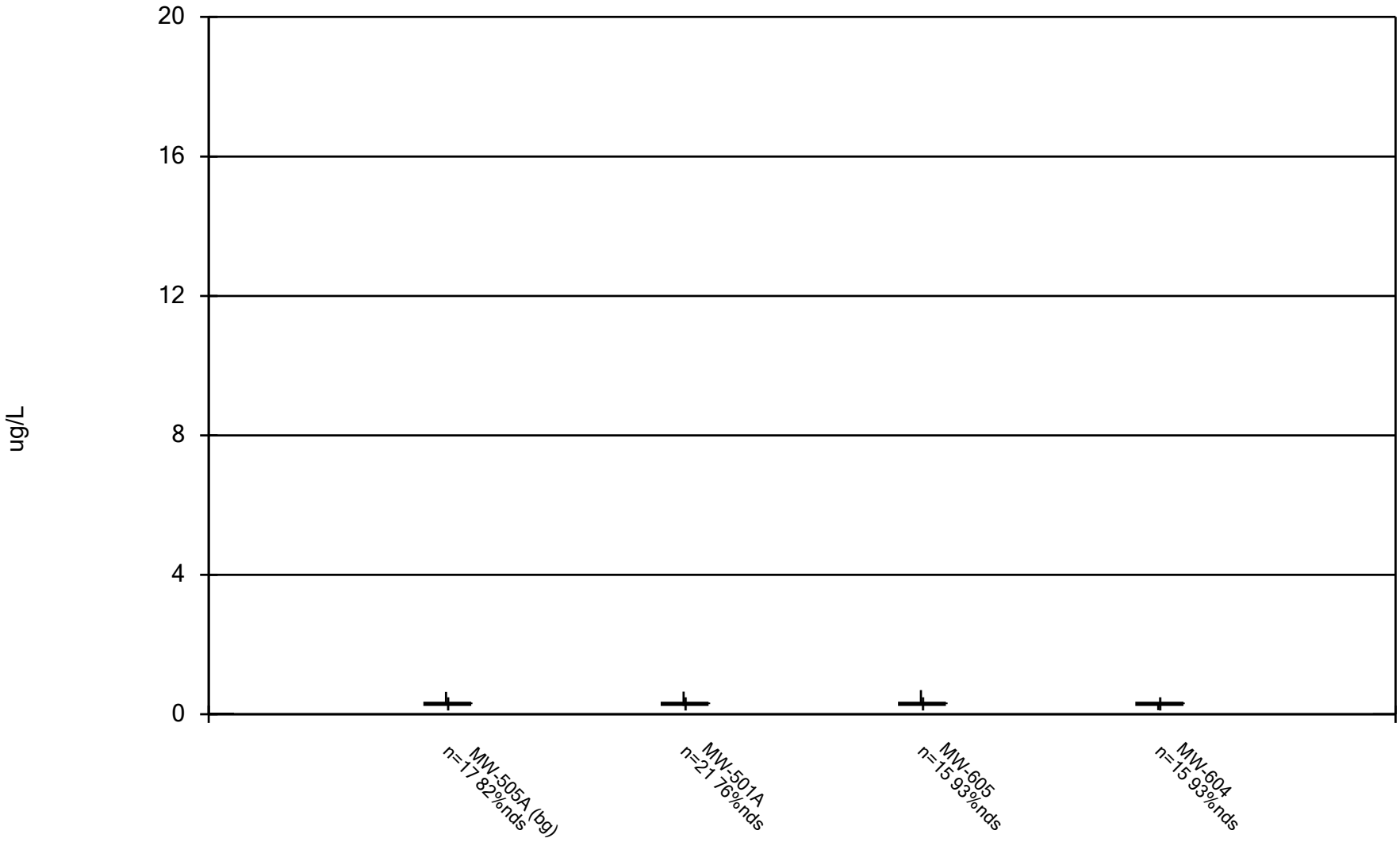

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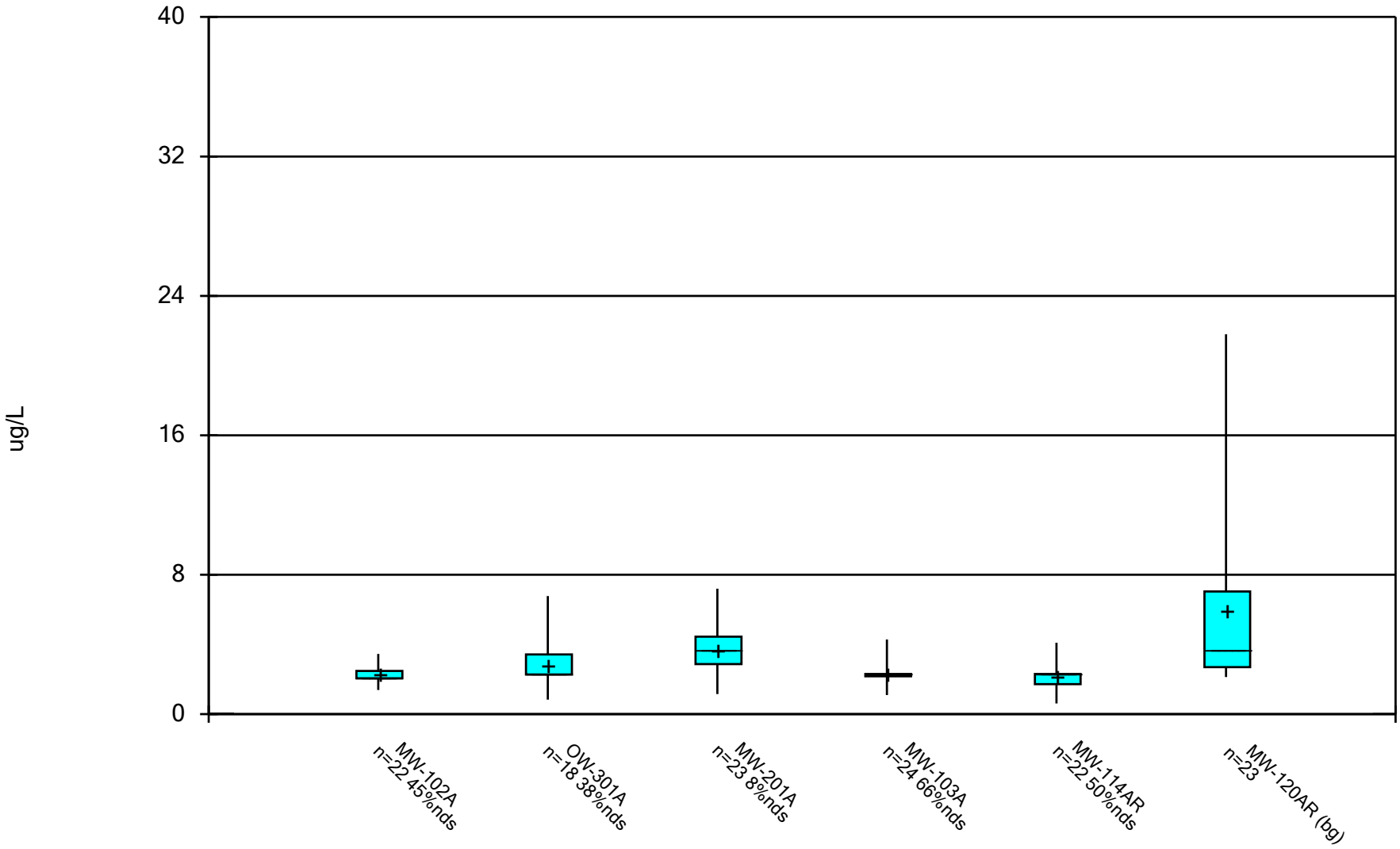

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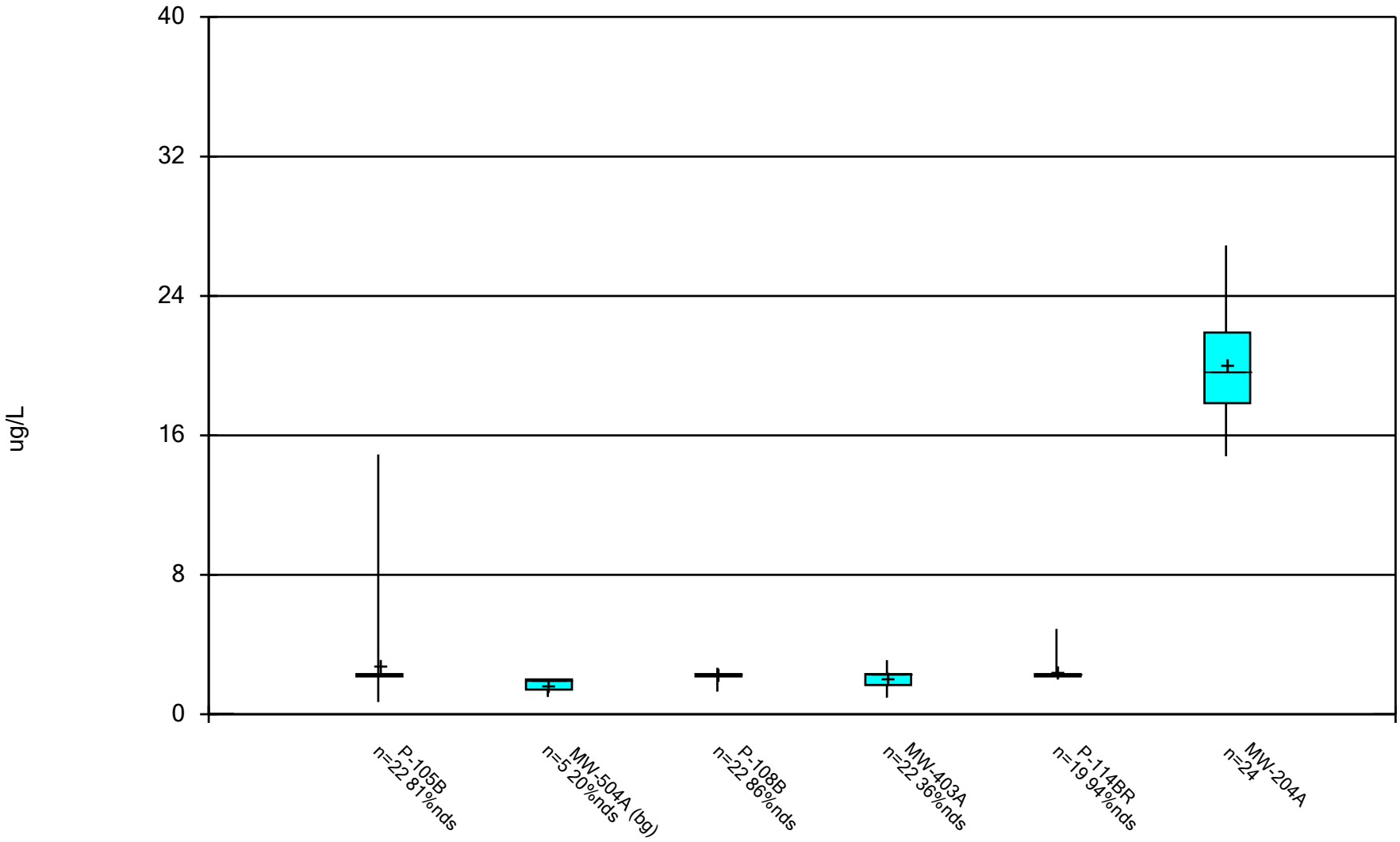
Box & Whiskers Plot



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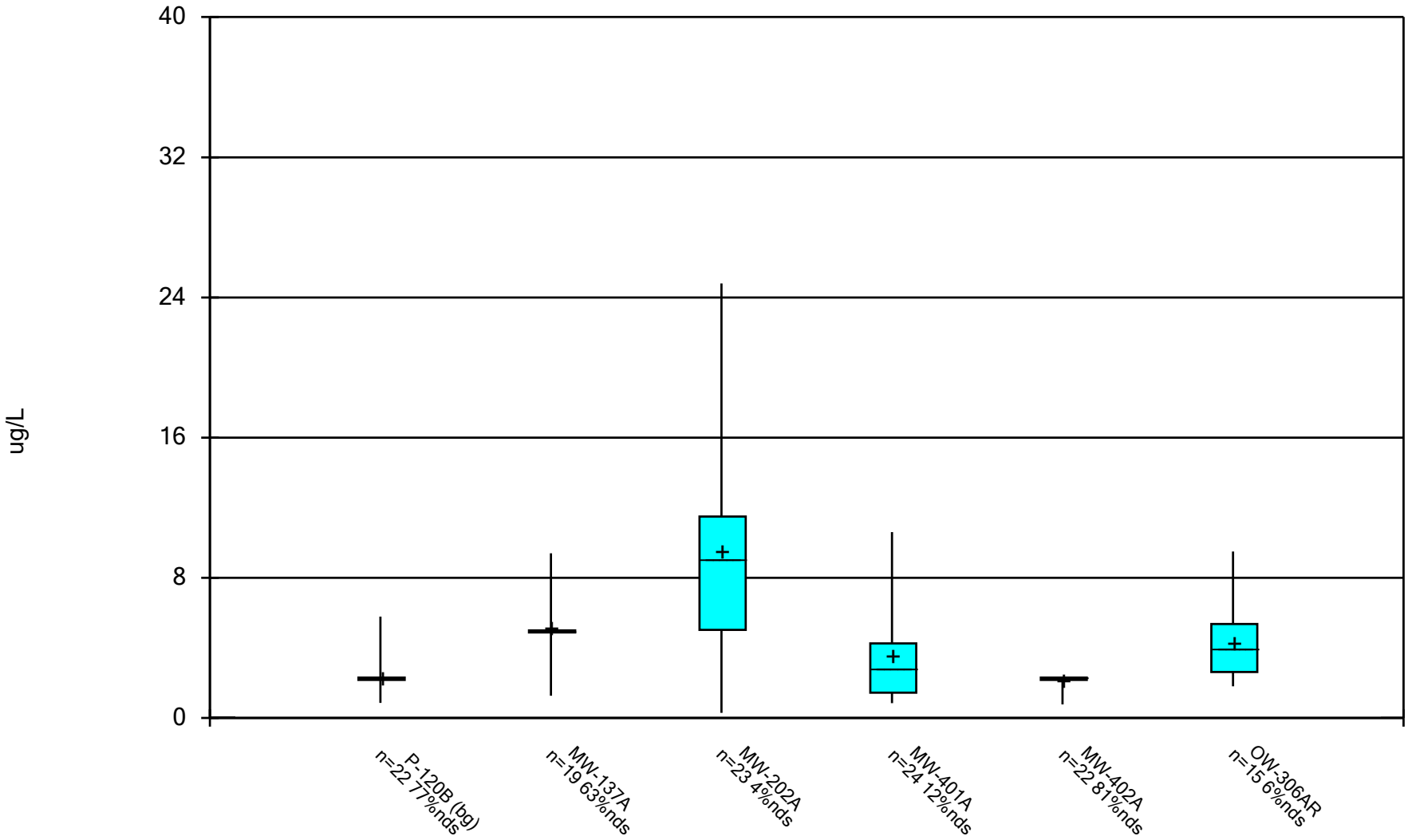

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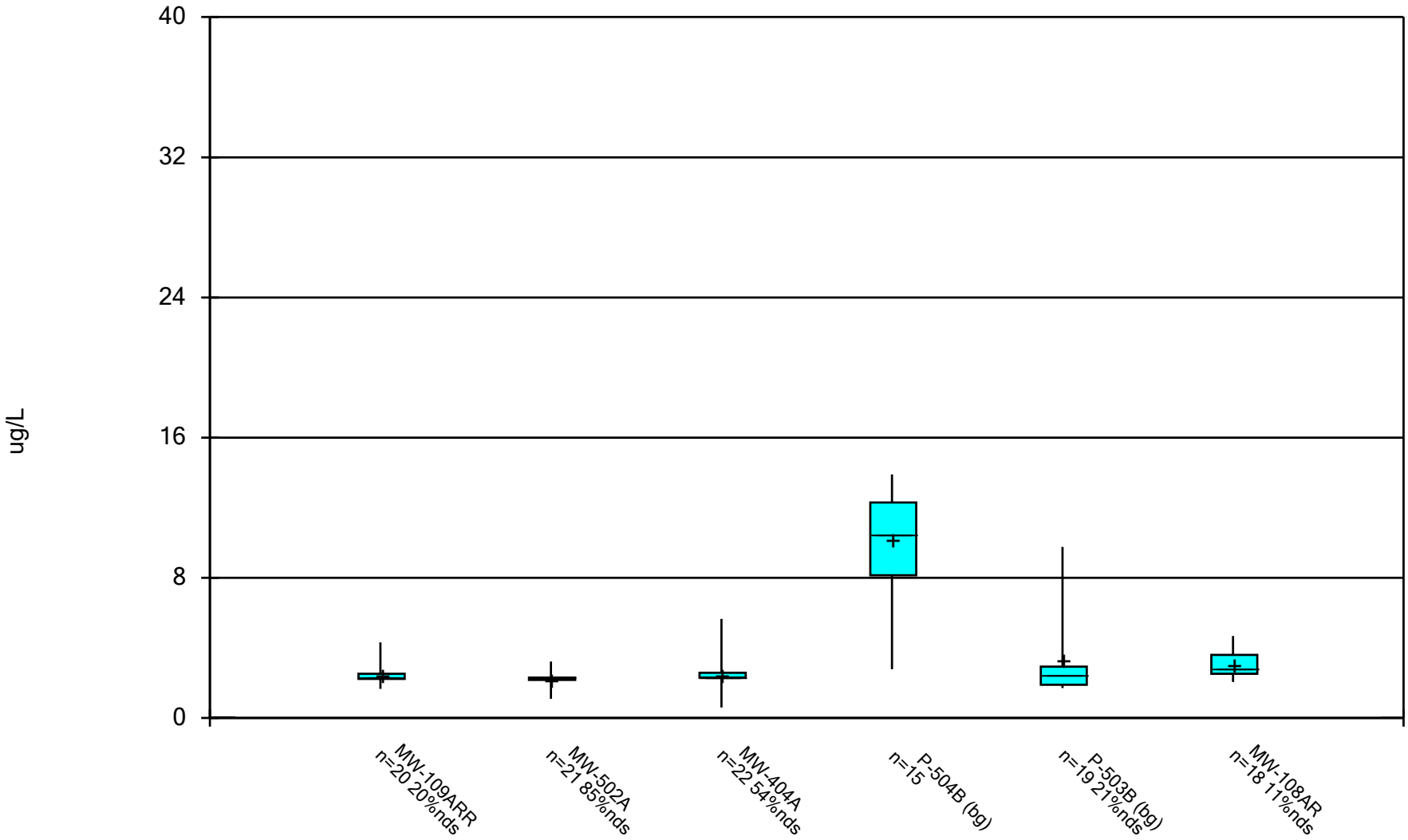

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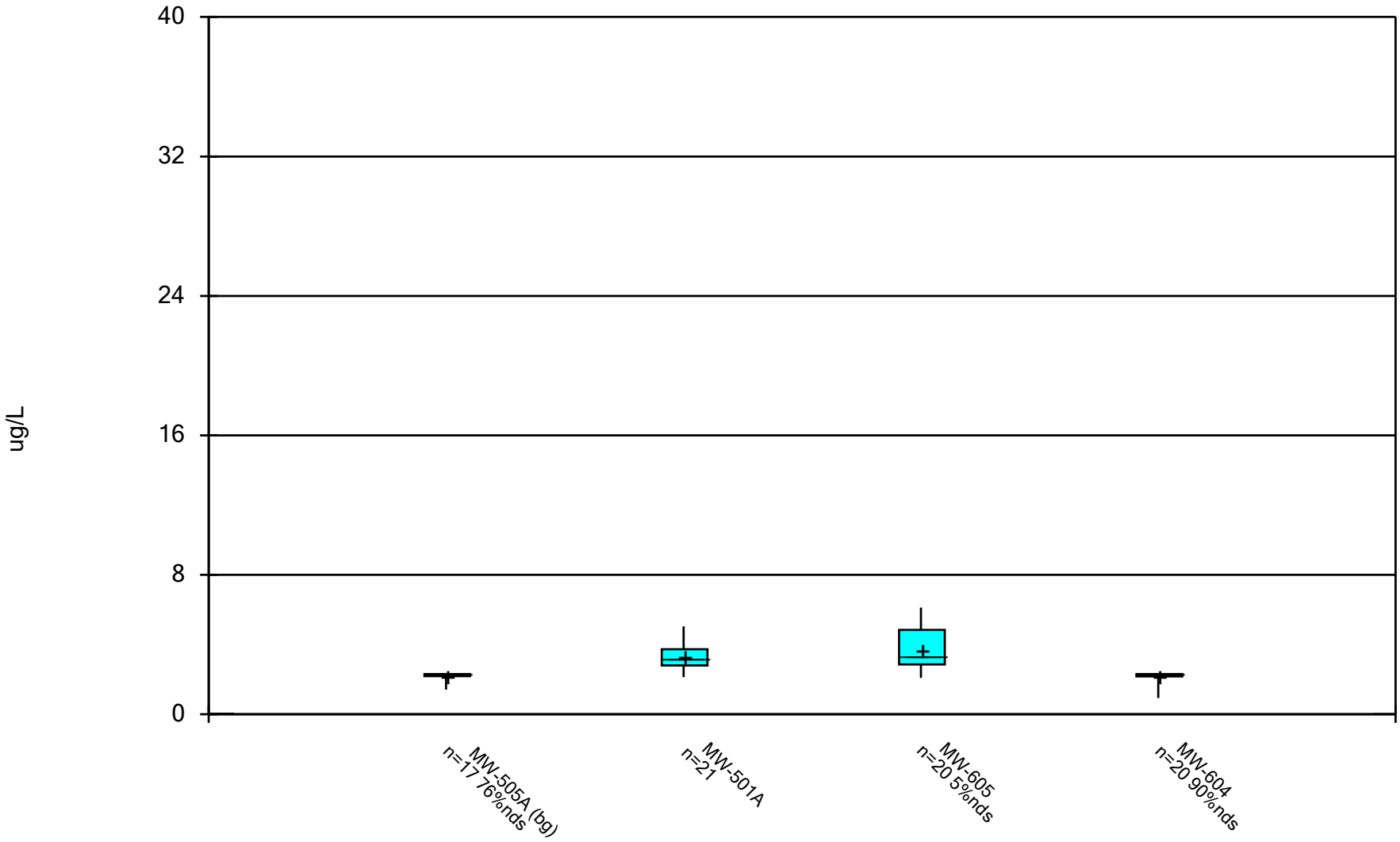

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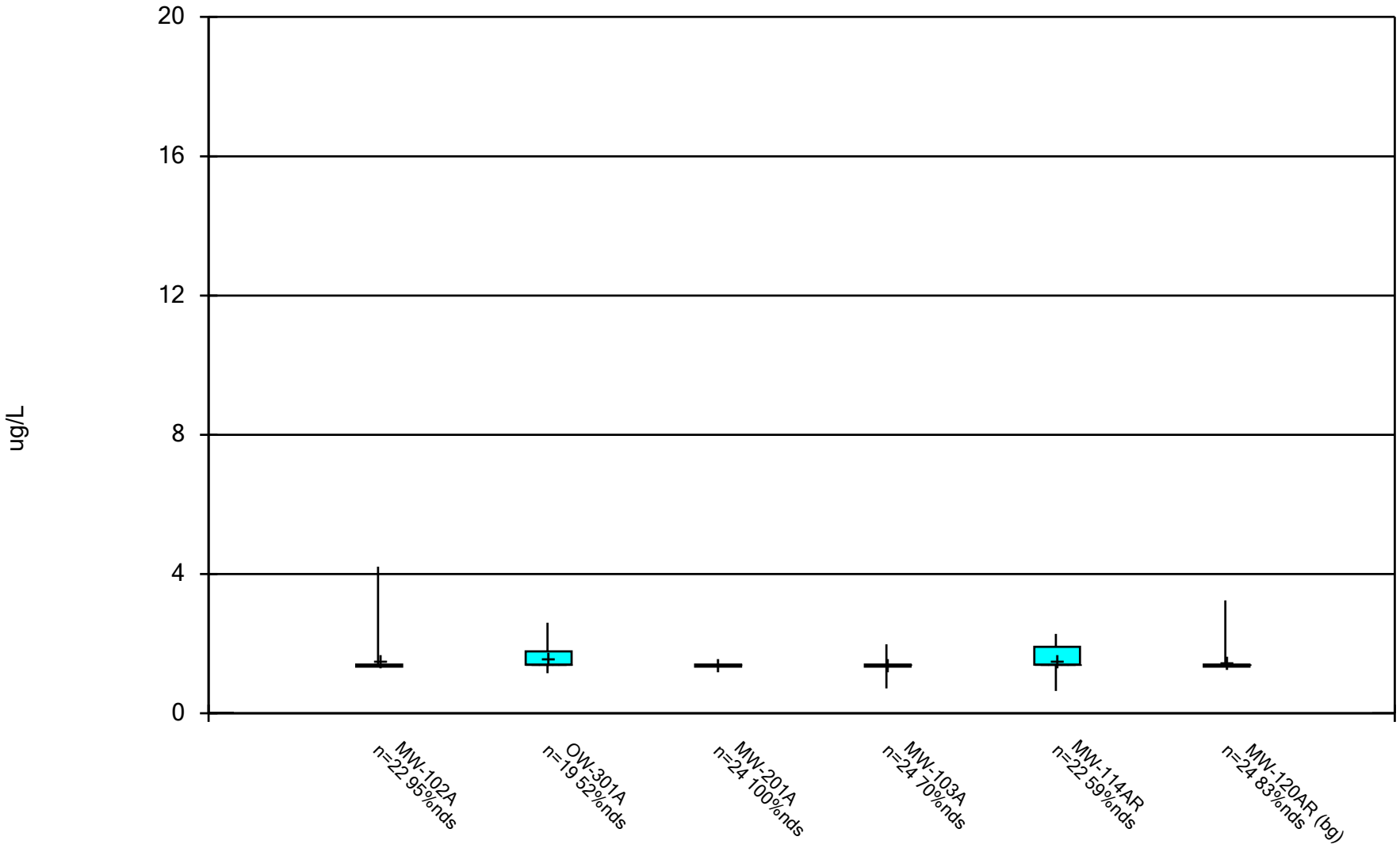

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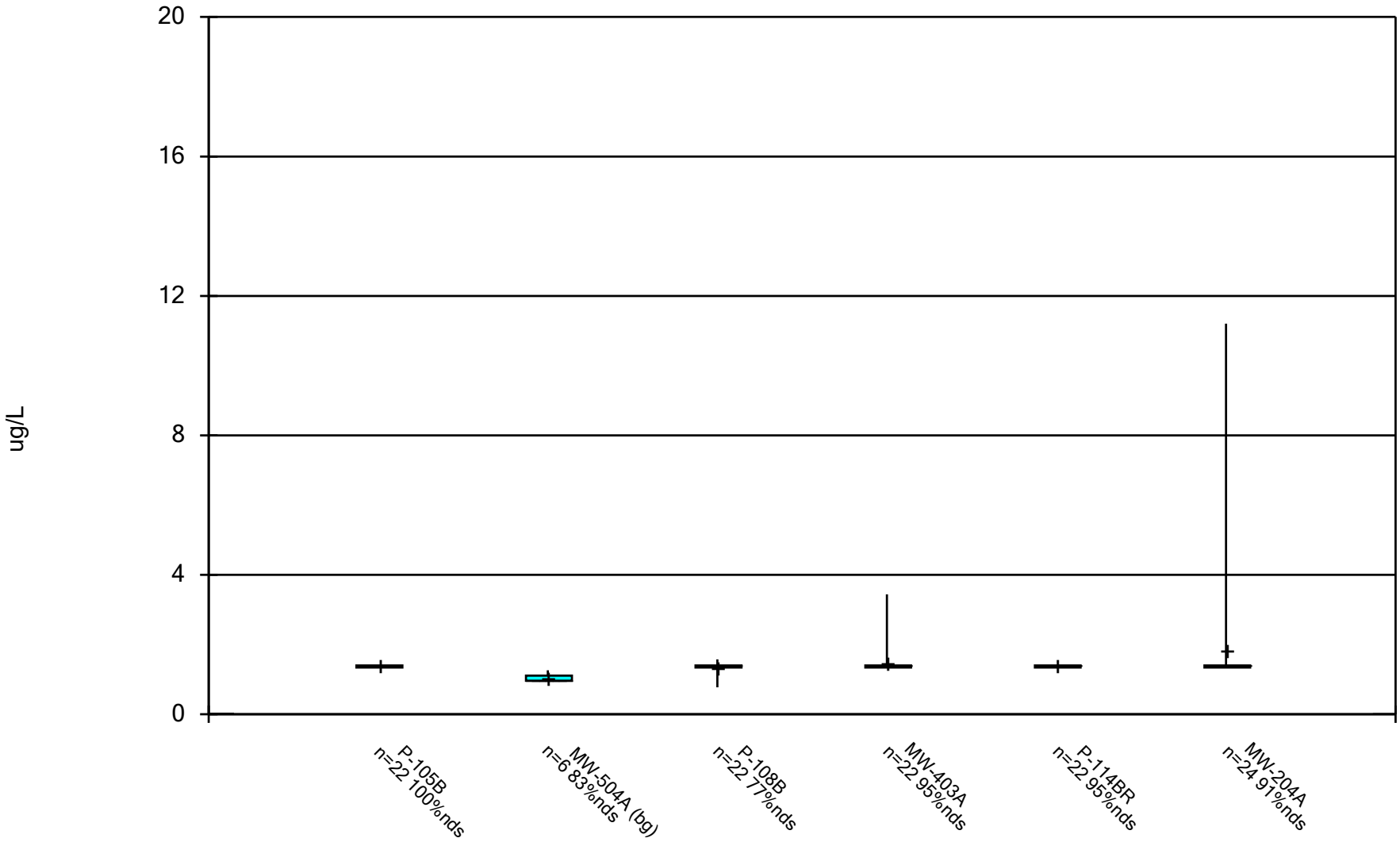

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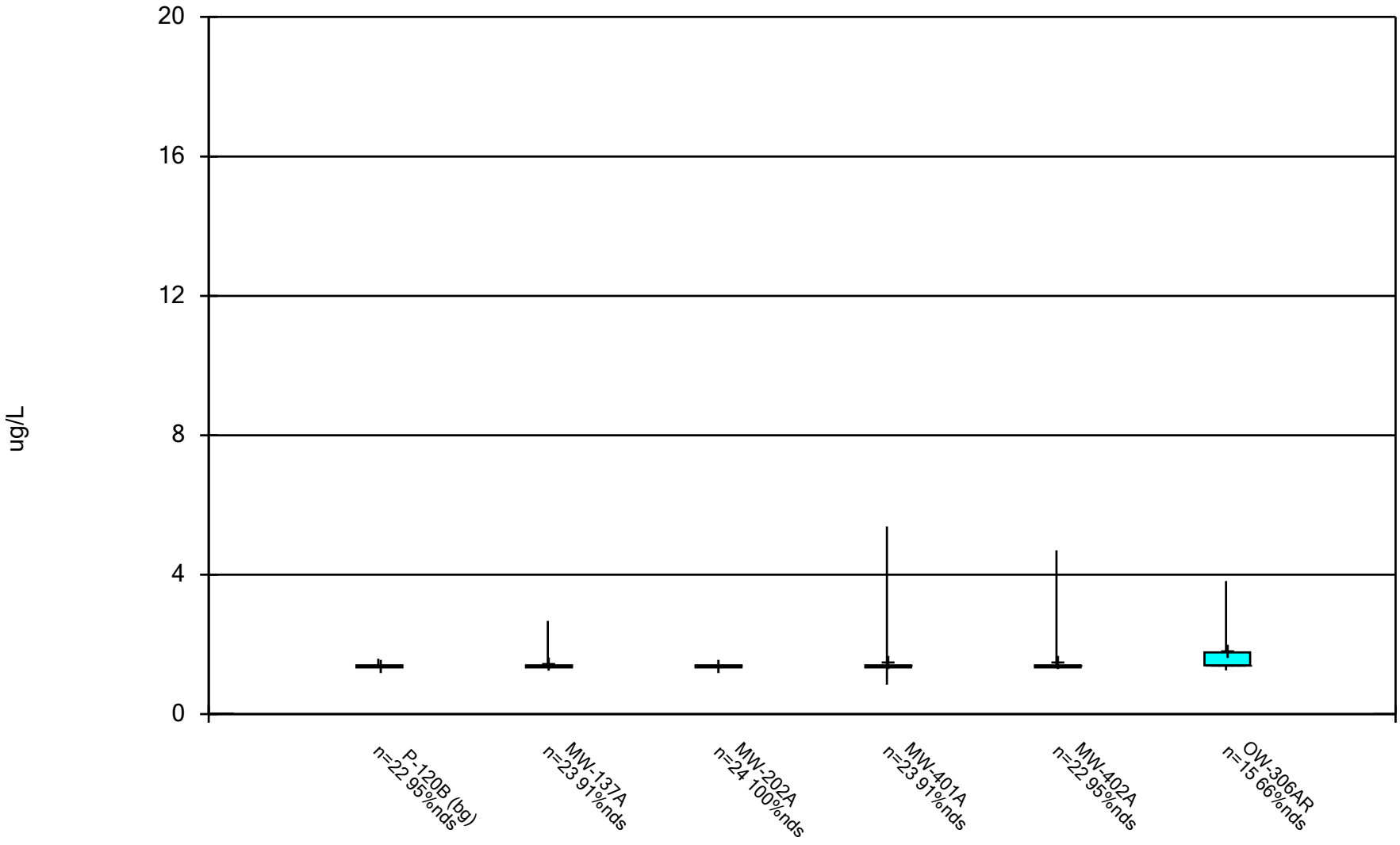

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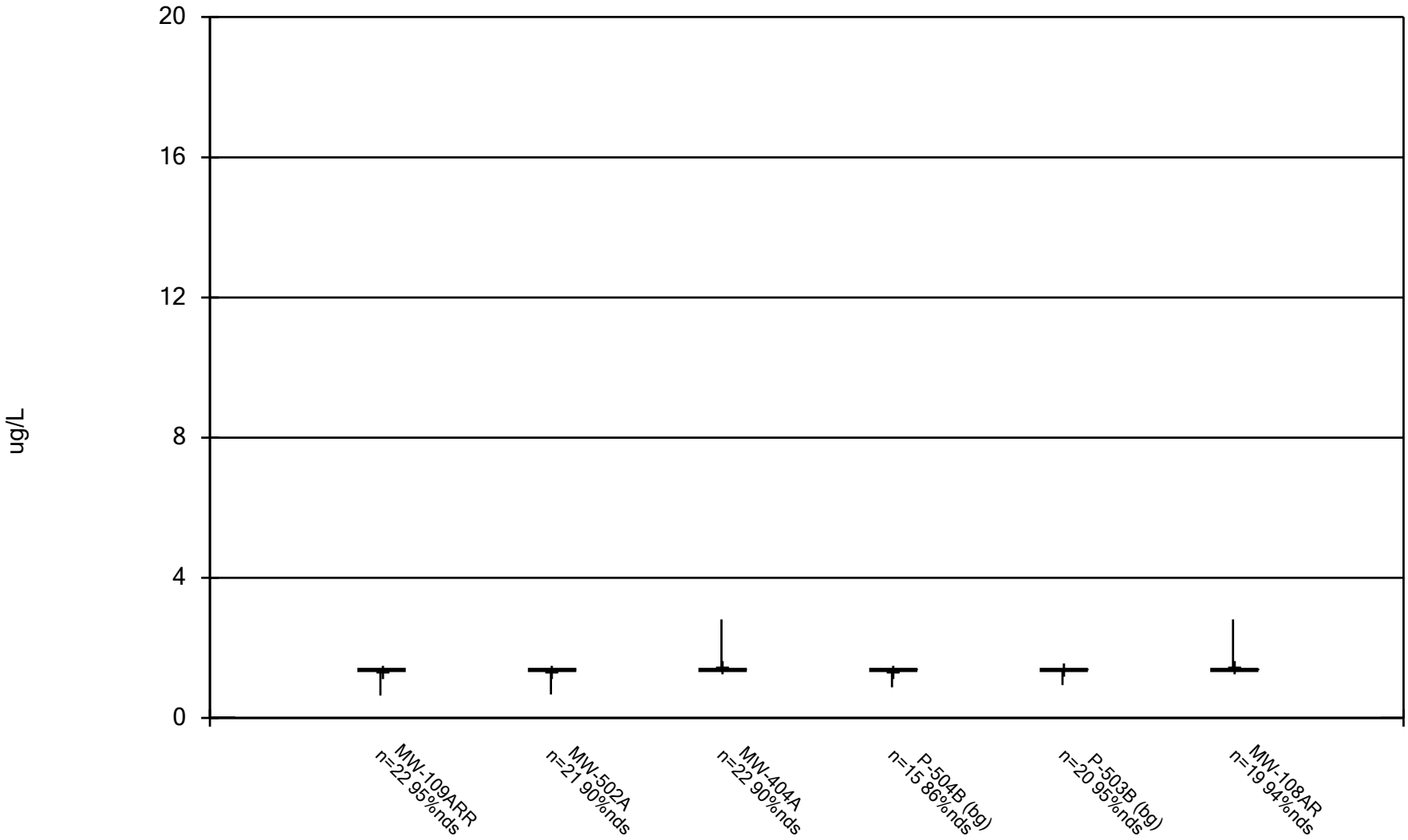

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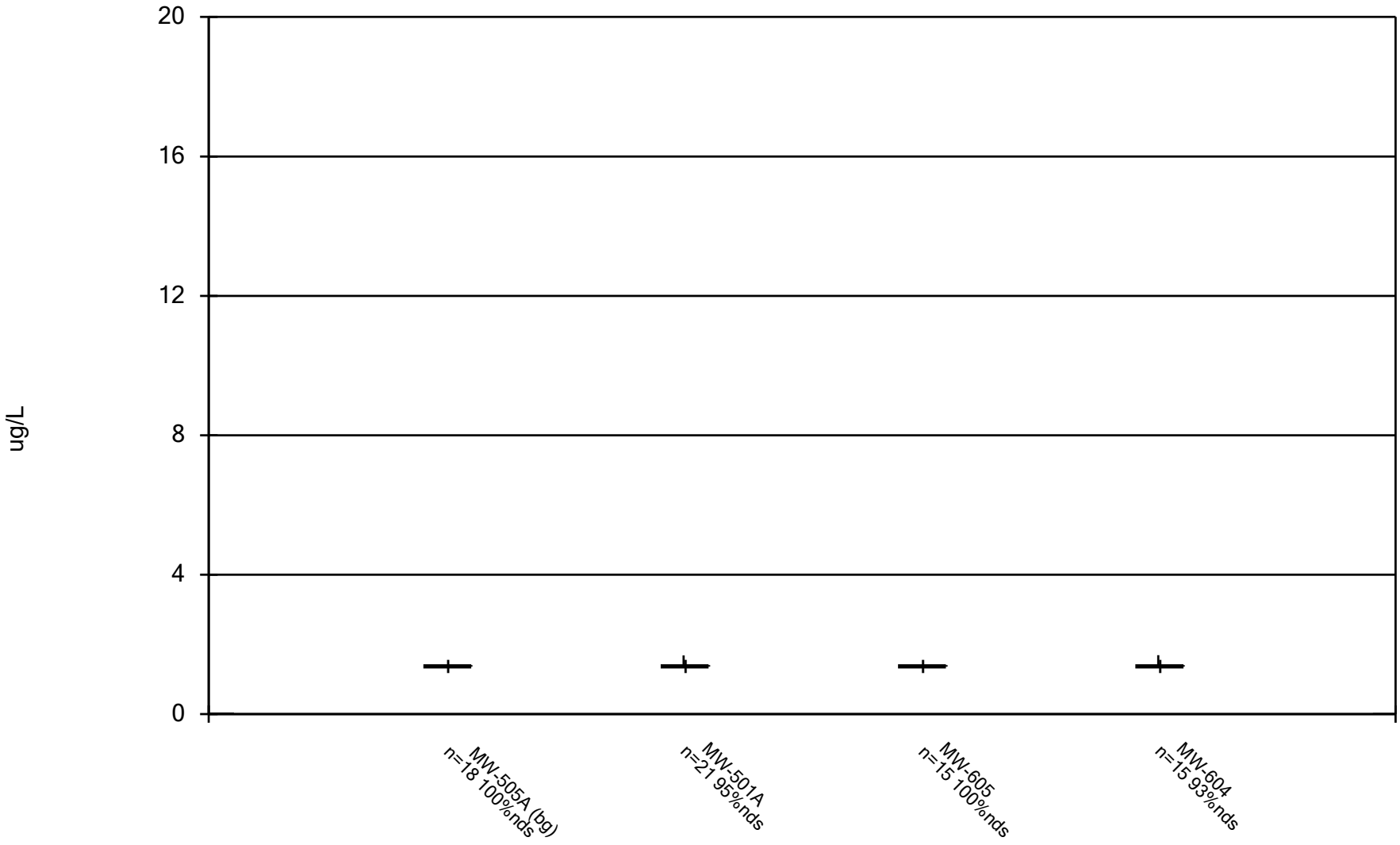

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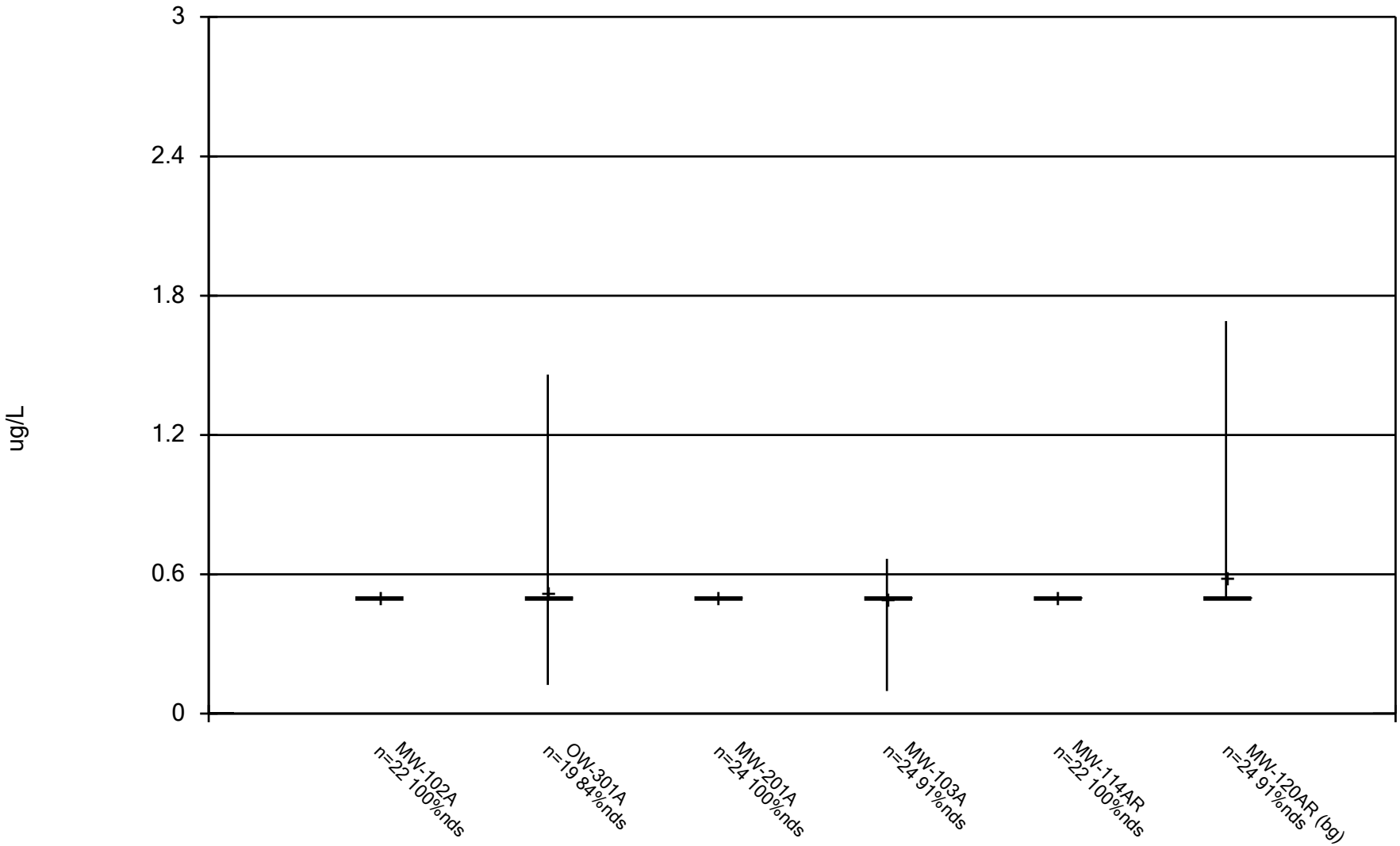

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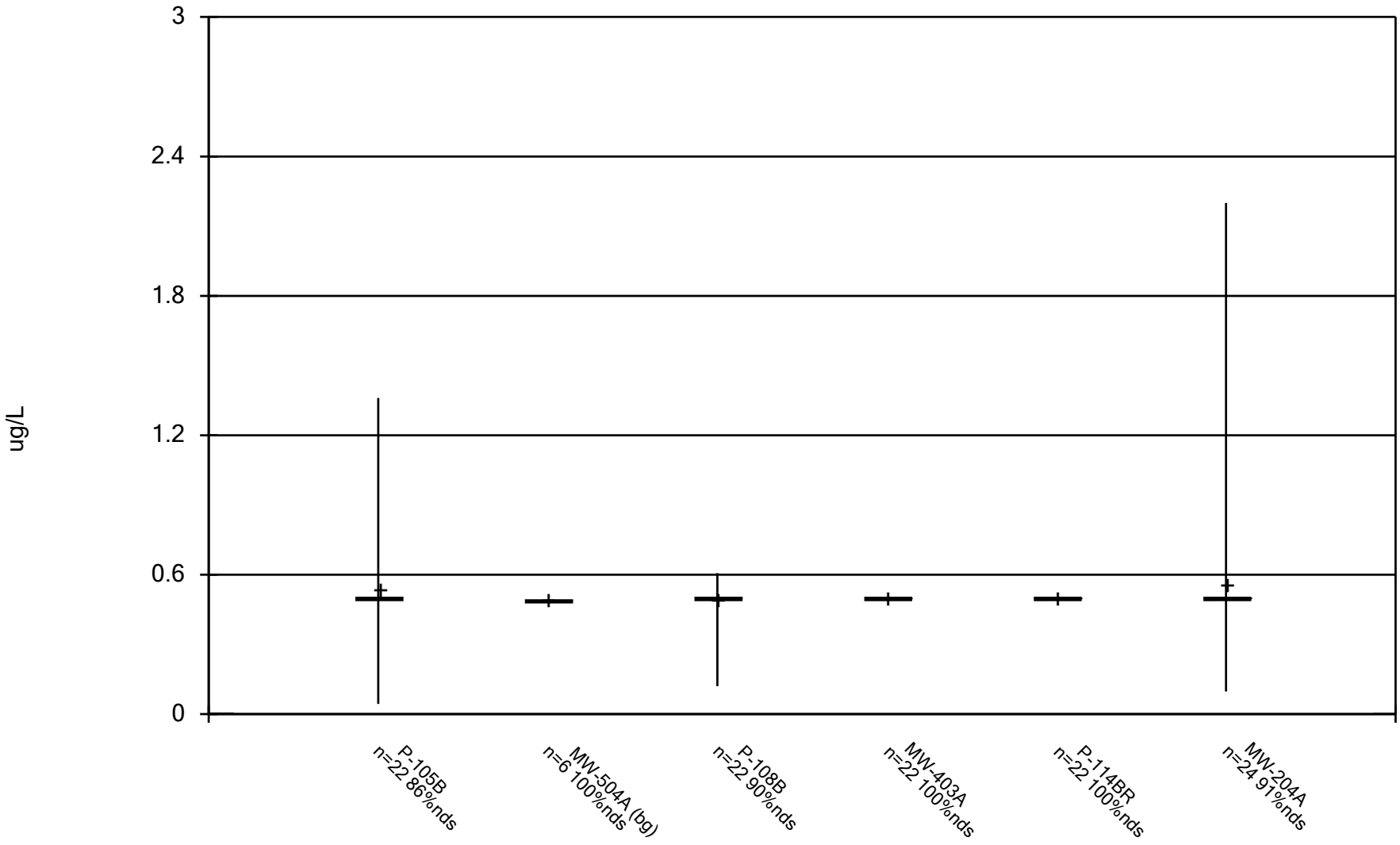
Box & Whiskers Plot



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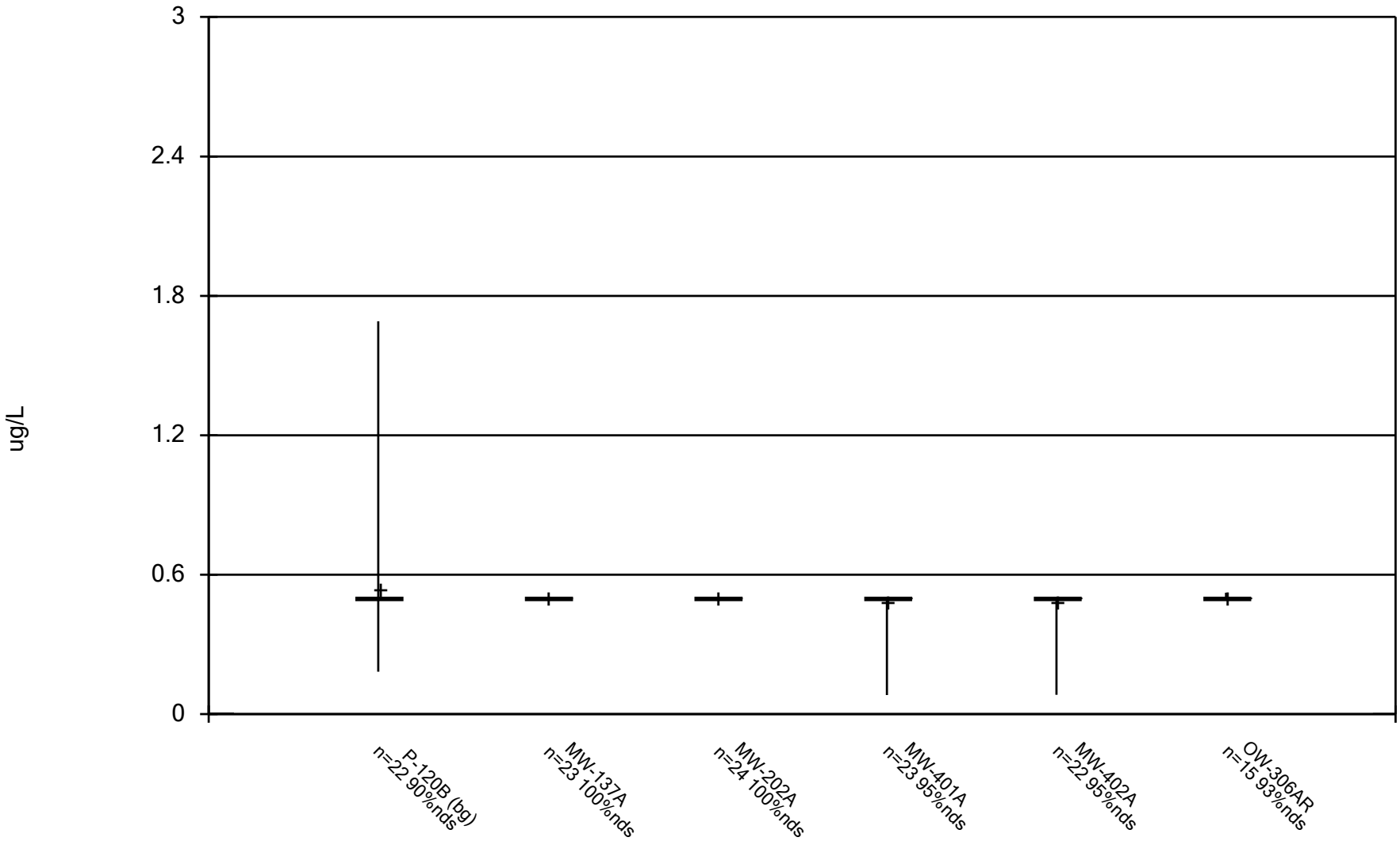

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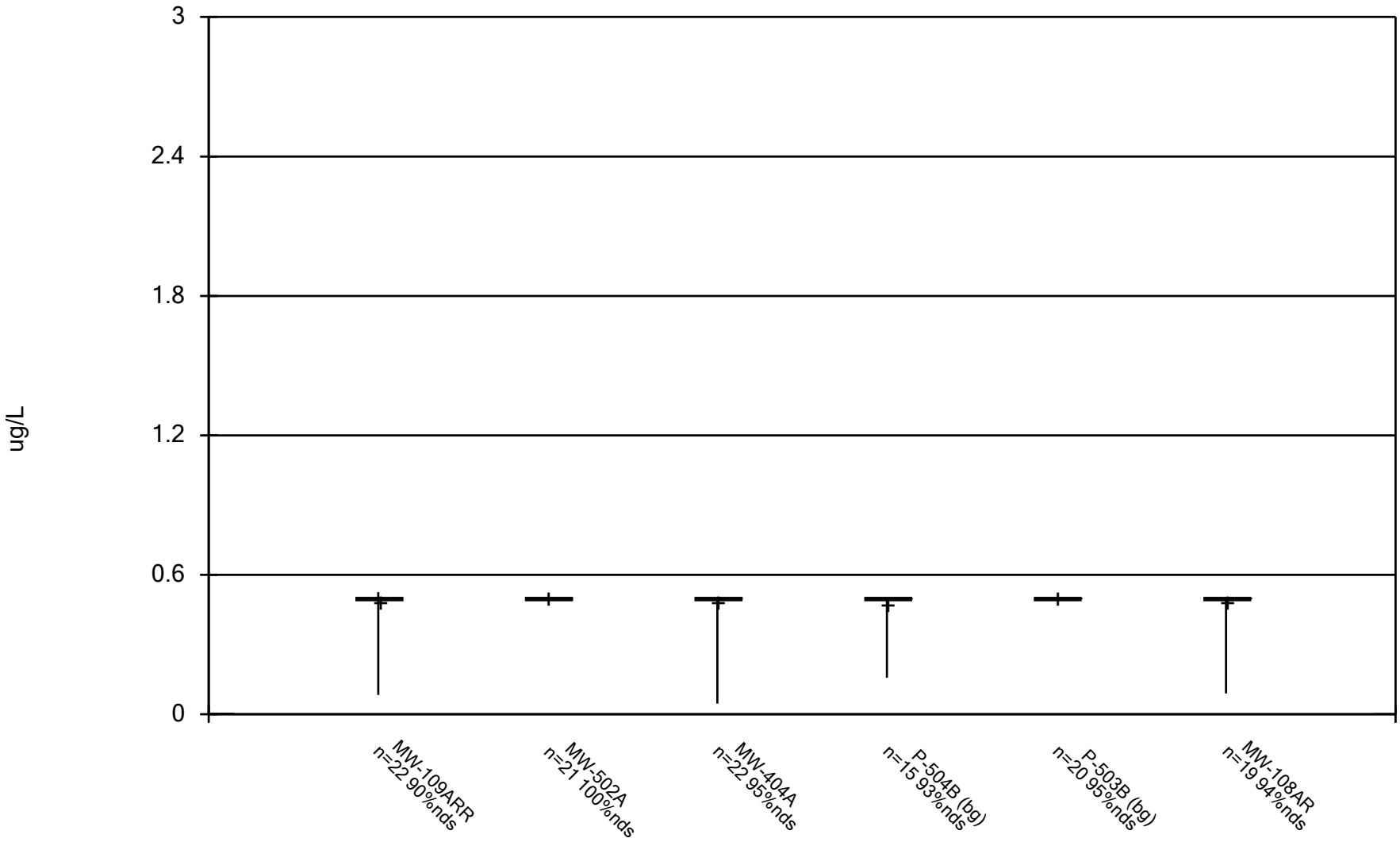

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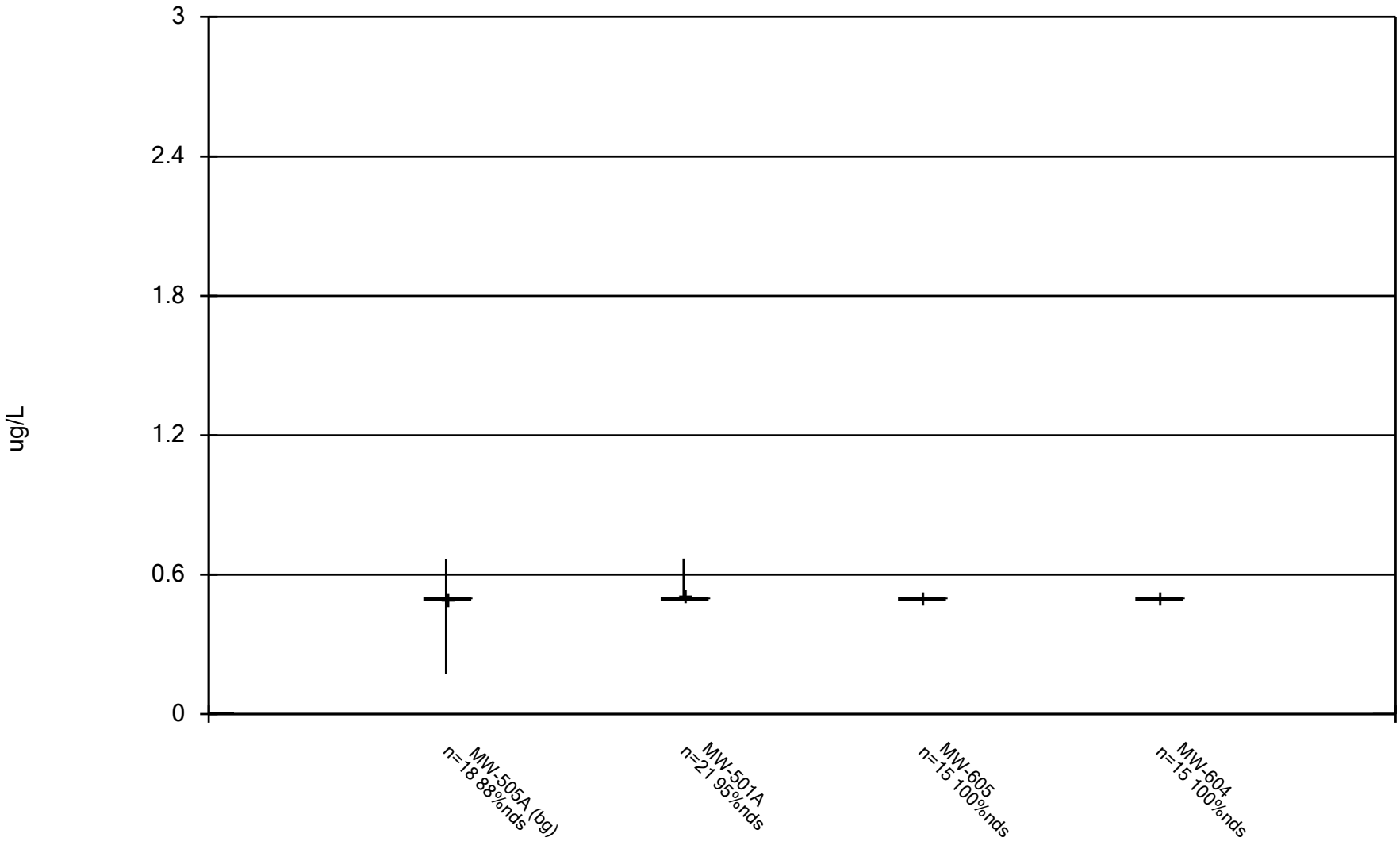

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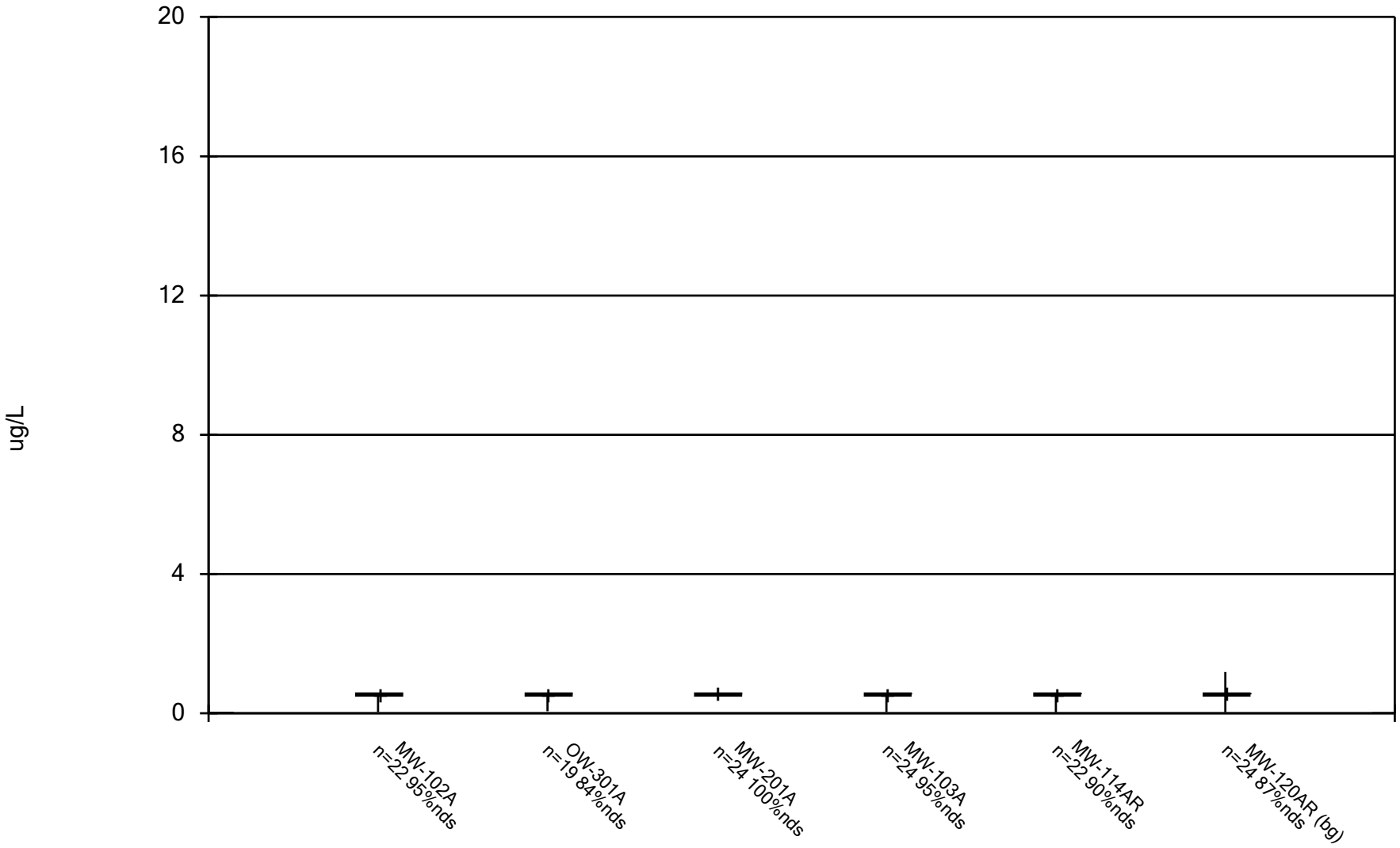

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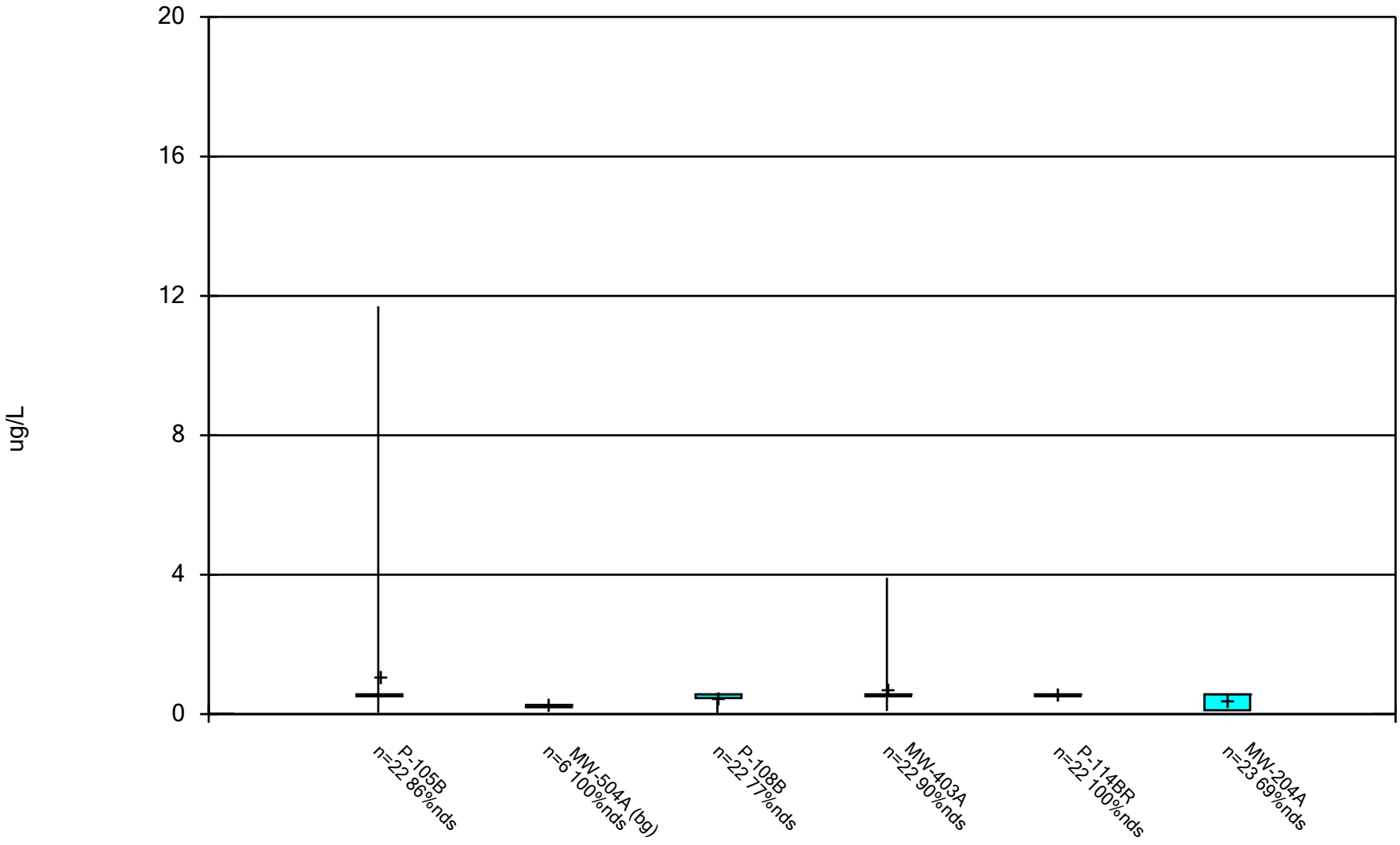

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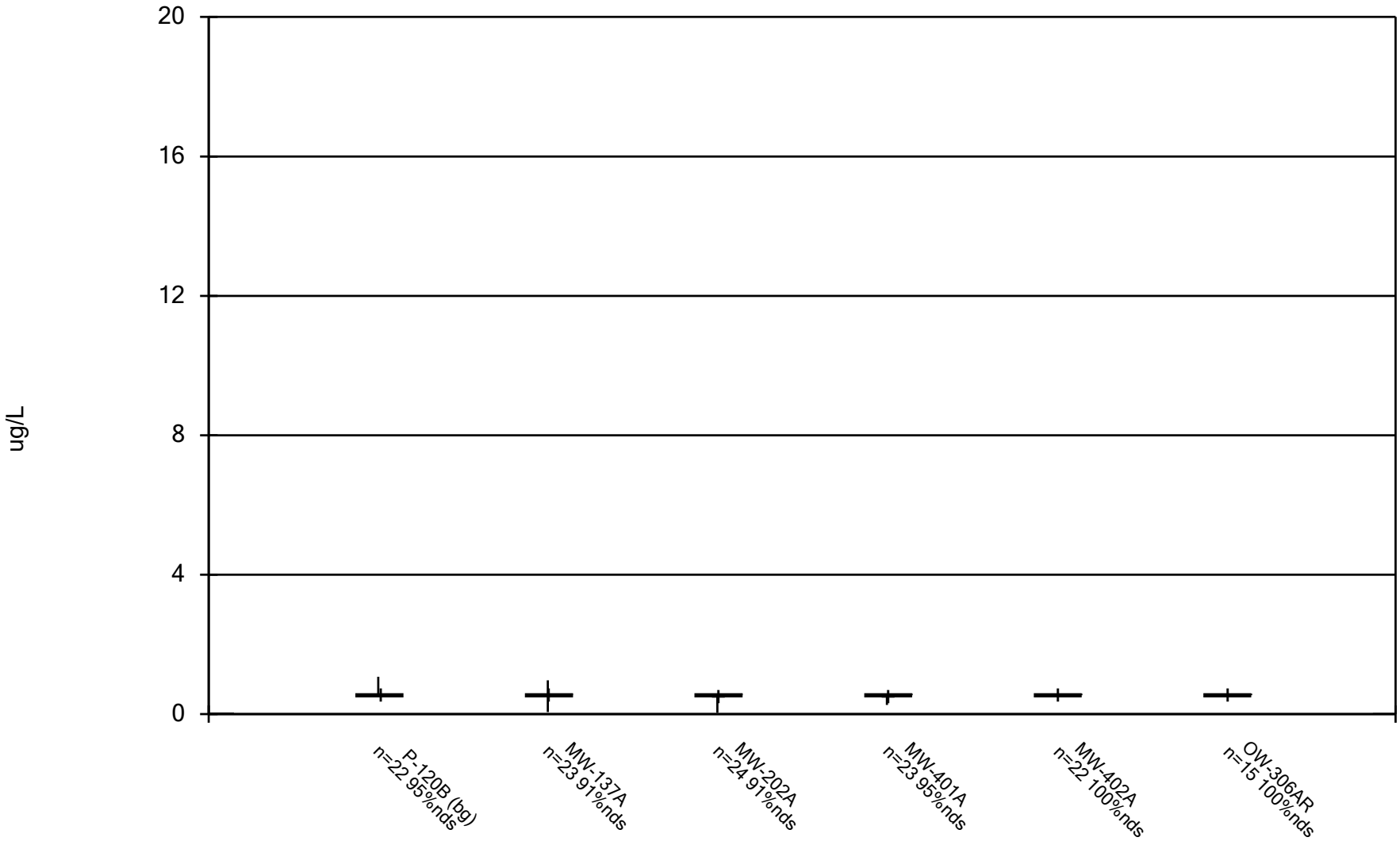

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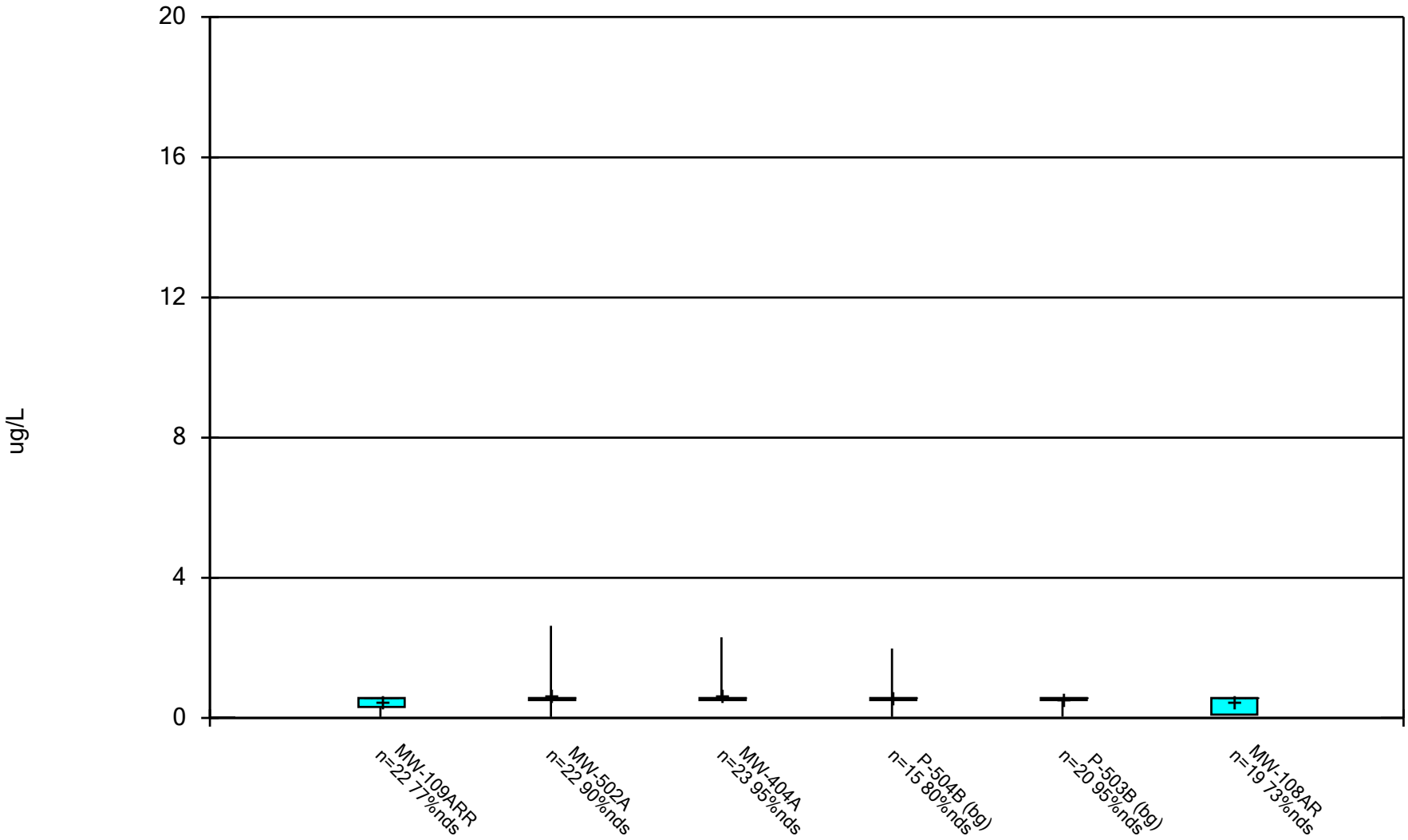
Box & Whiskers Plot



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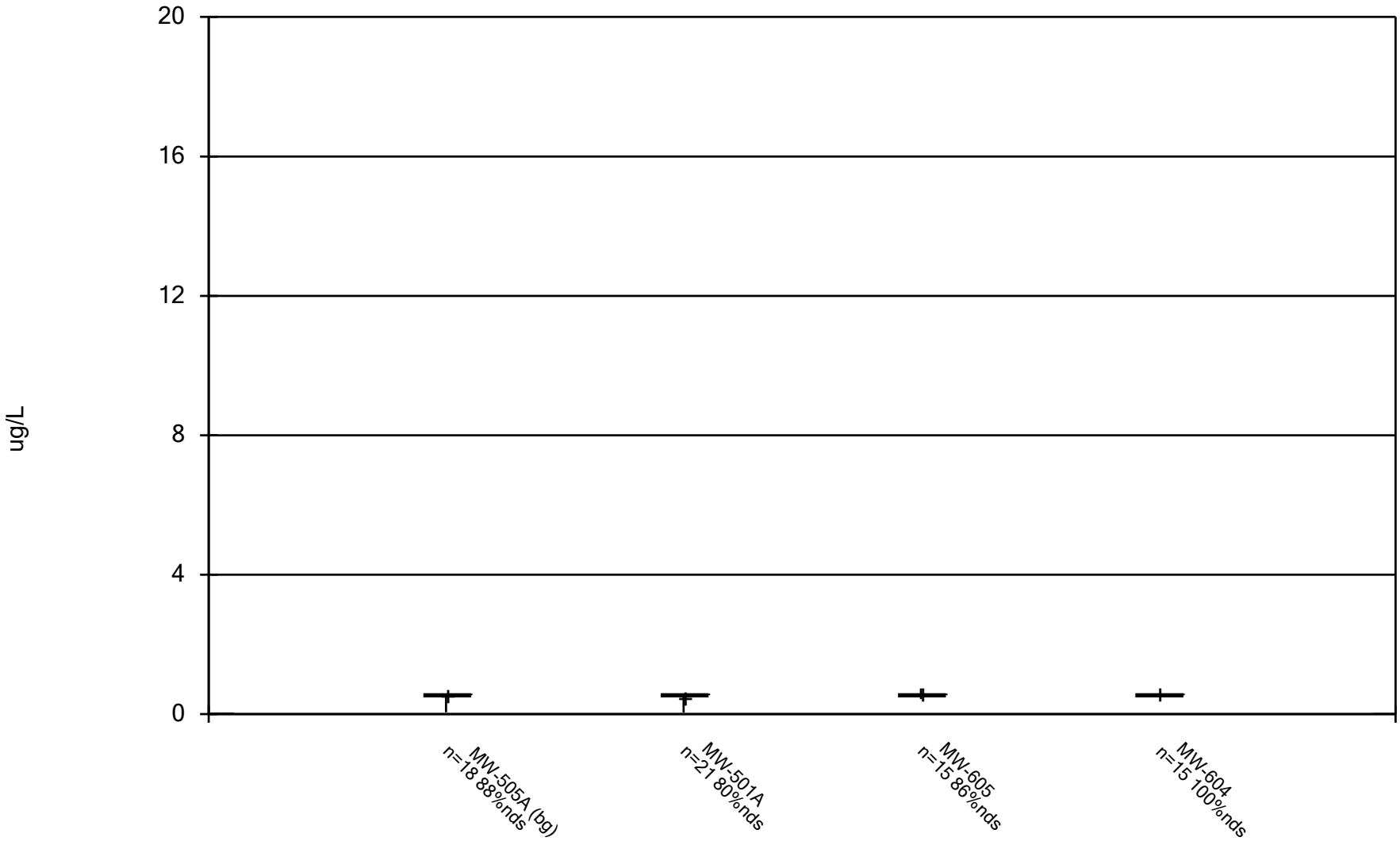
Box & Whiskers Plot



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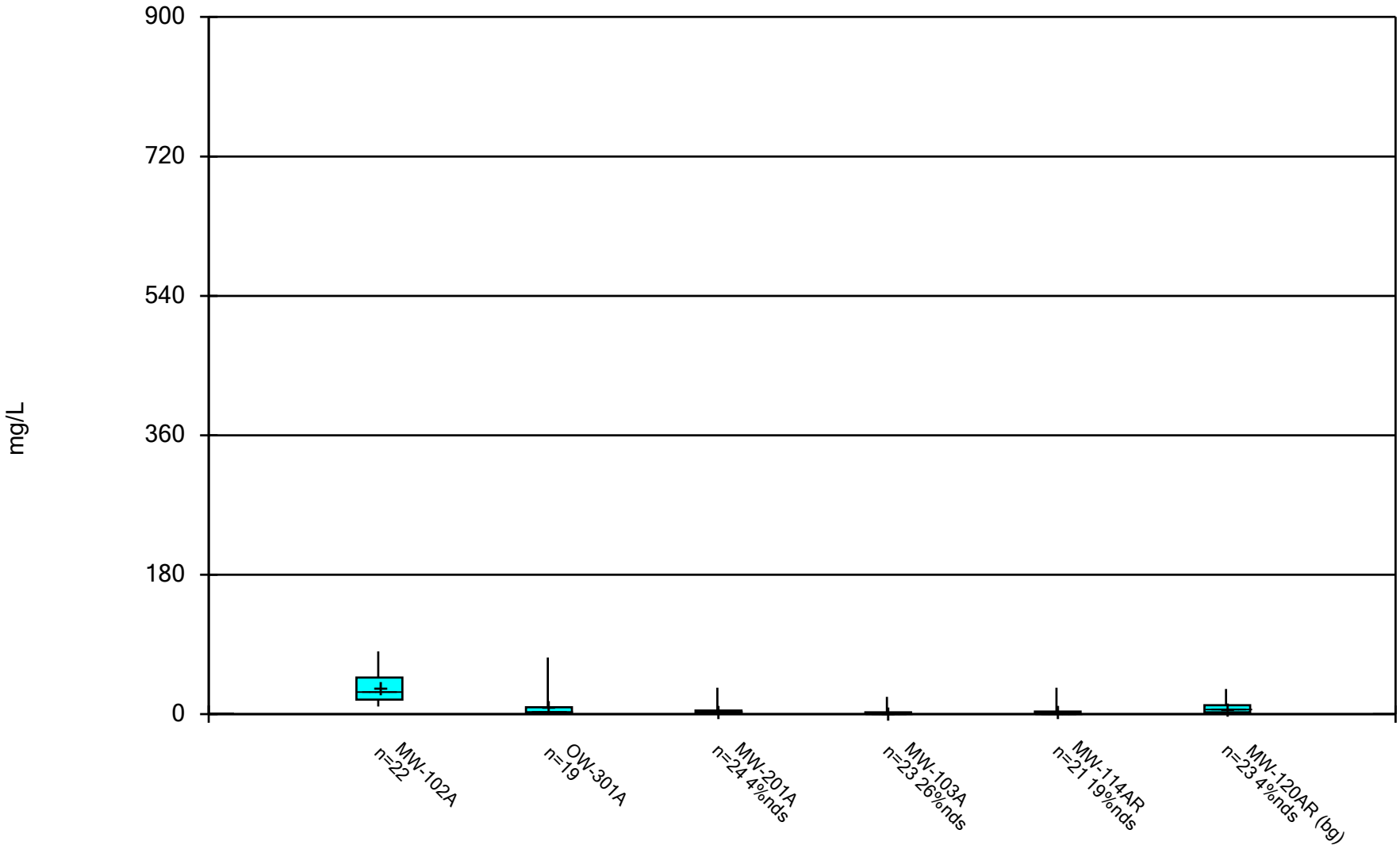
Box & Whiskers Plot



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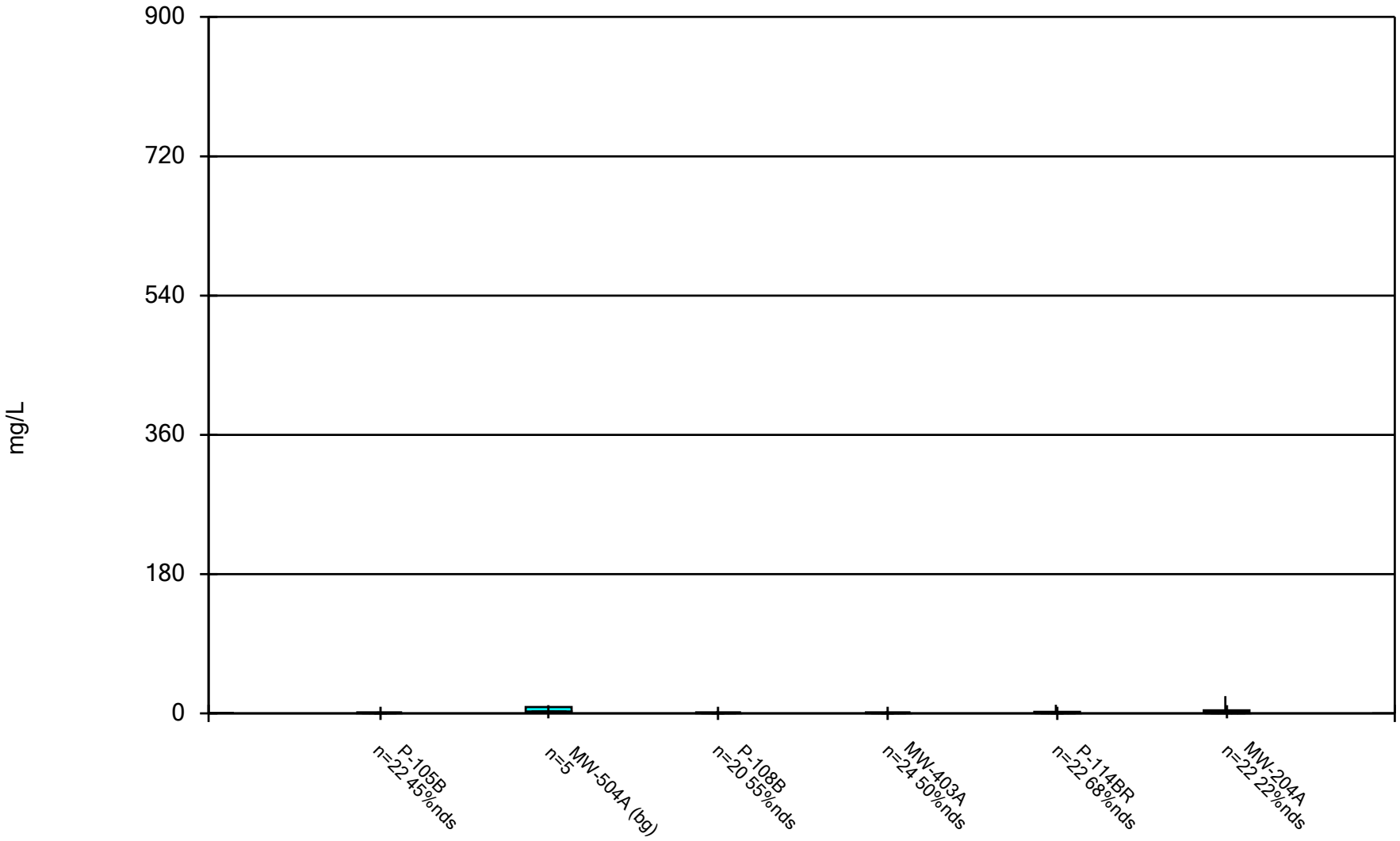
Box & Whiskers Plot



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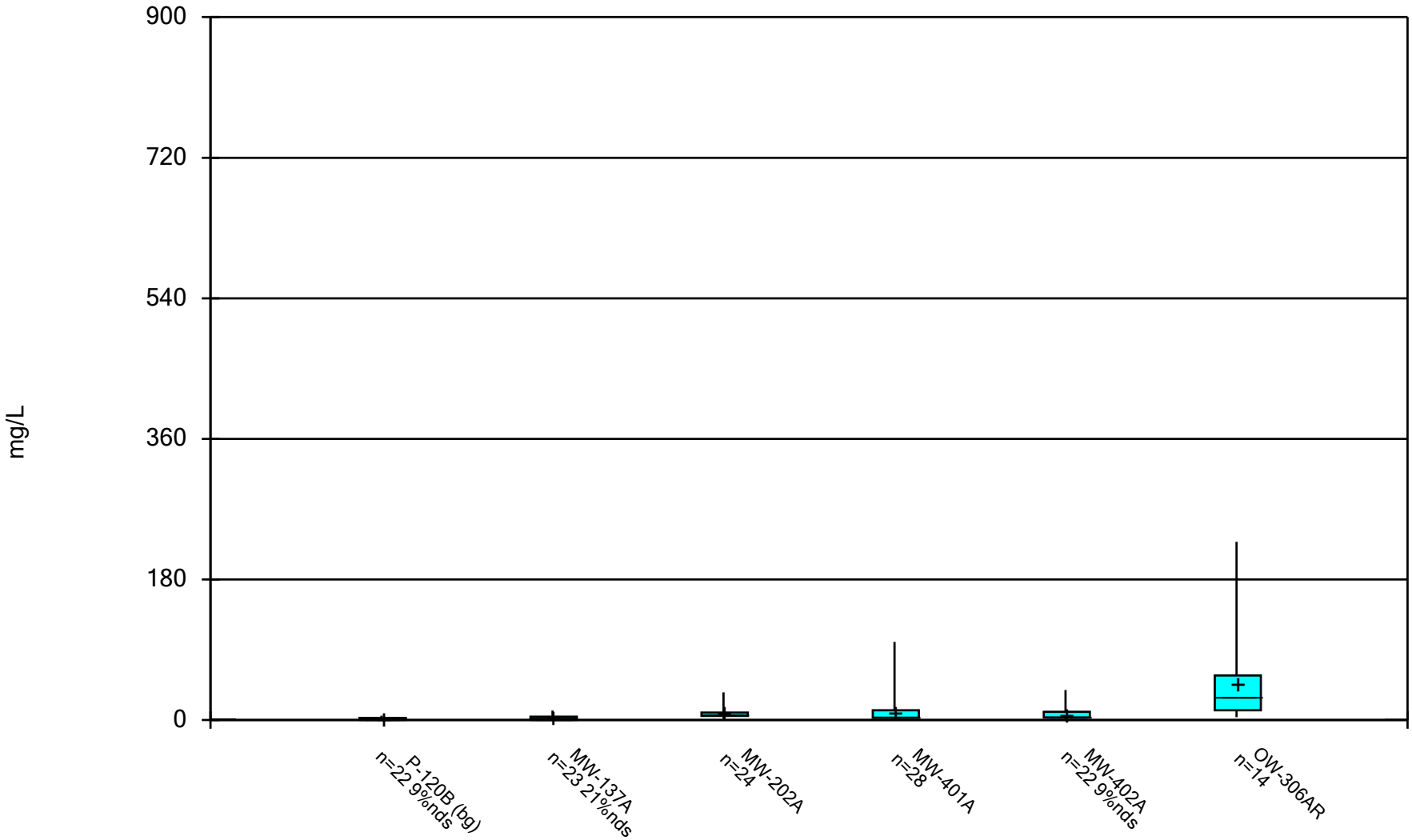
Box & Whiskers Plot



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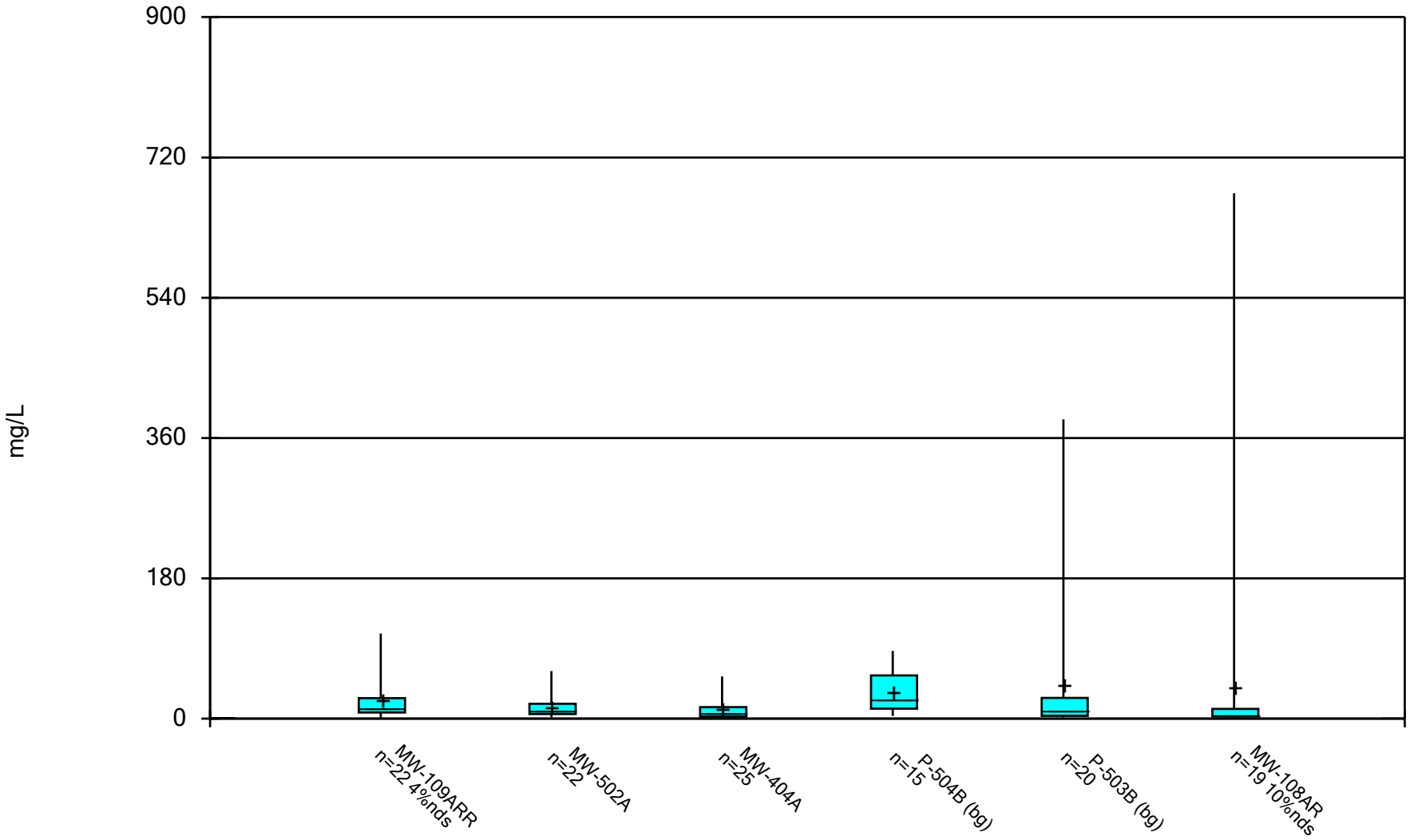
Box & Whiskers Plot



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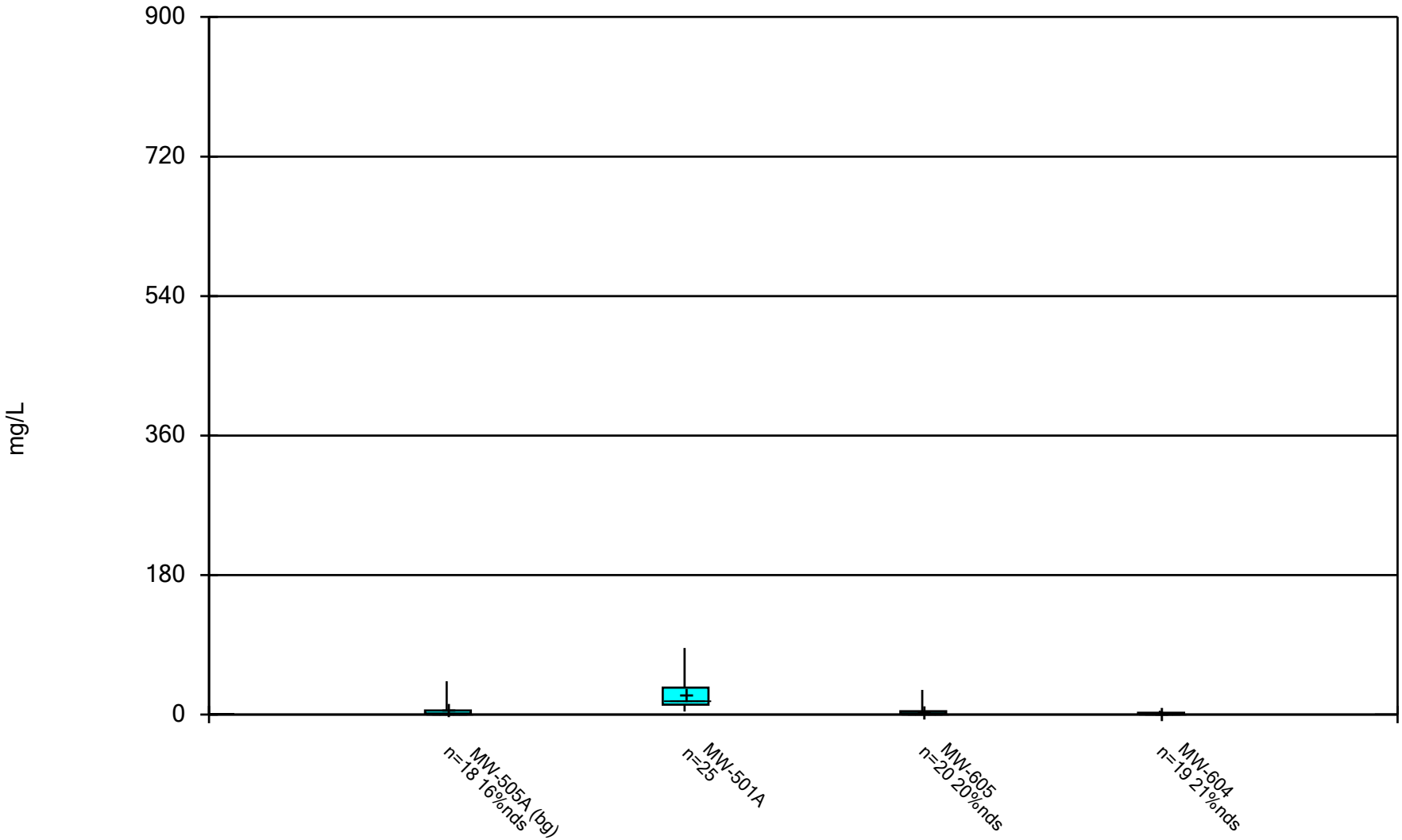
Box & Whiskers Plot



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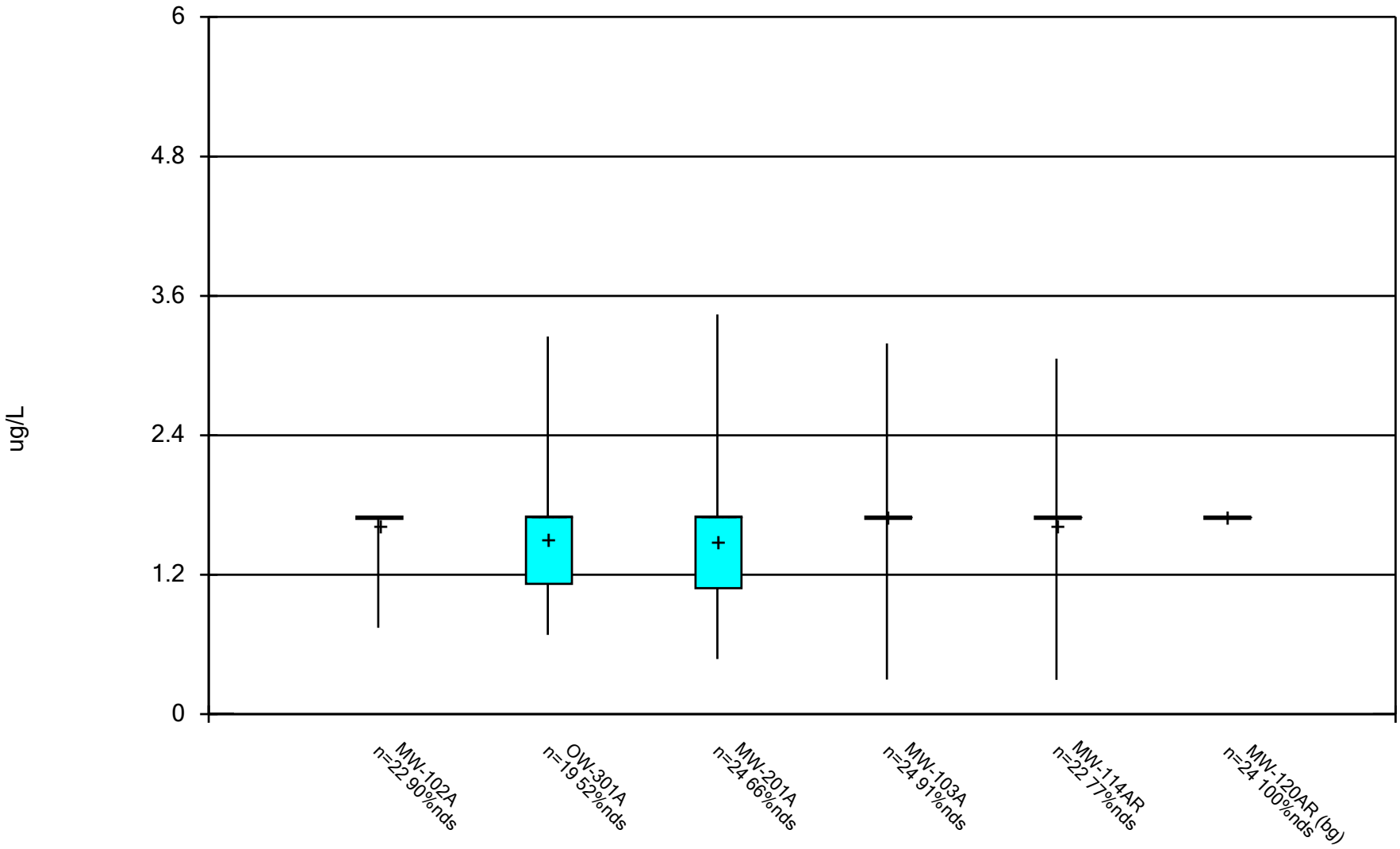
Box & Whiskers Plot



Constituent: Vanadium Analysis Run 6/12/2025 12:18 PM View: All Wells - Appendix I Metals

DMASWA Data: DMASWA Database_Updated

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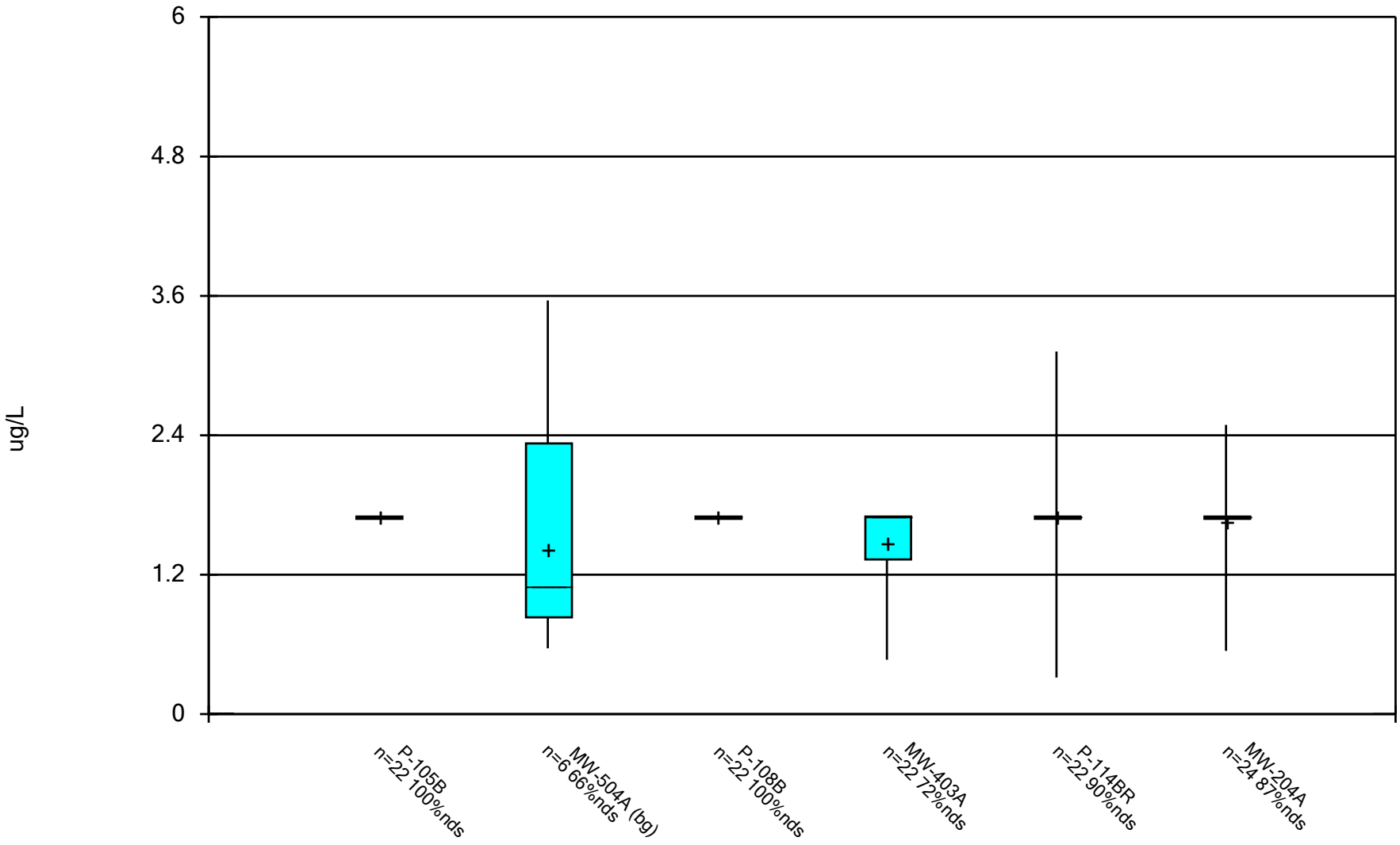
Box & Whiskers Plot



Constituent: Vanadium Analysis Run 6/12/2025 12:18 PM View: All Wells - Appendix I Metals DMASWA Data: DMASWA Database_Updated

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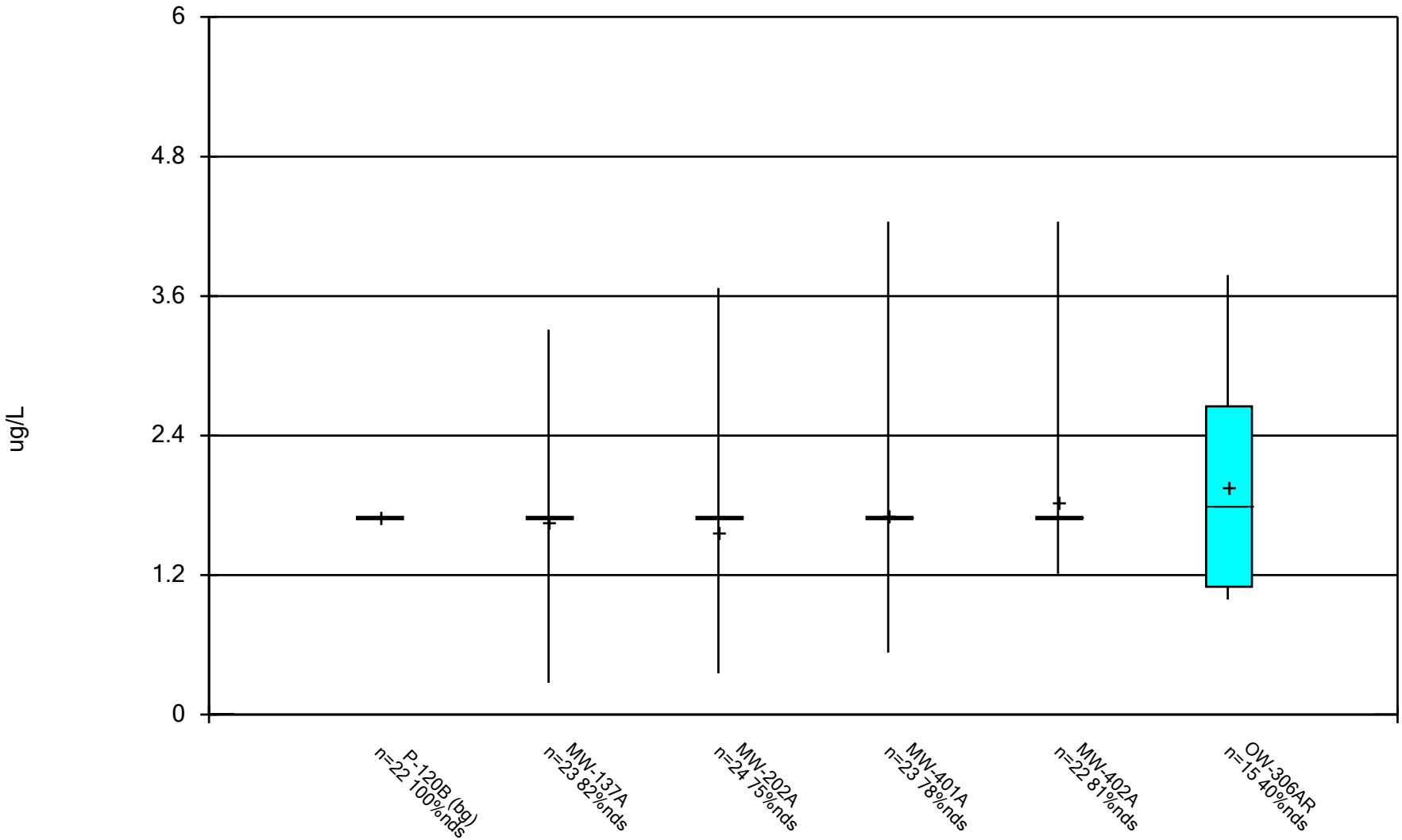
Box & Whiskers Plot



Constituent: Vanadium Analysis Run 6/12/2025 12:18 PM View: All Wells - Appendix I Metals DMASWA Data: DMASWA Database_Updated

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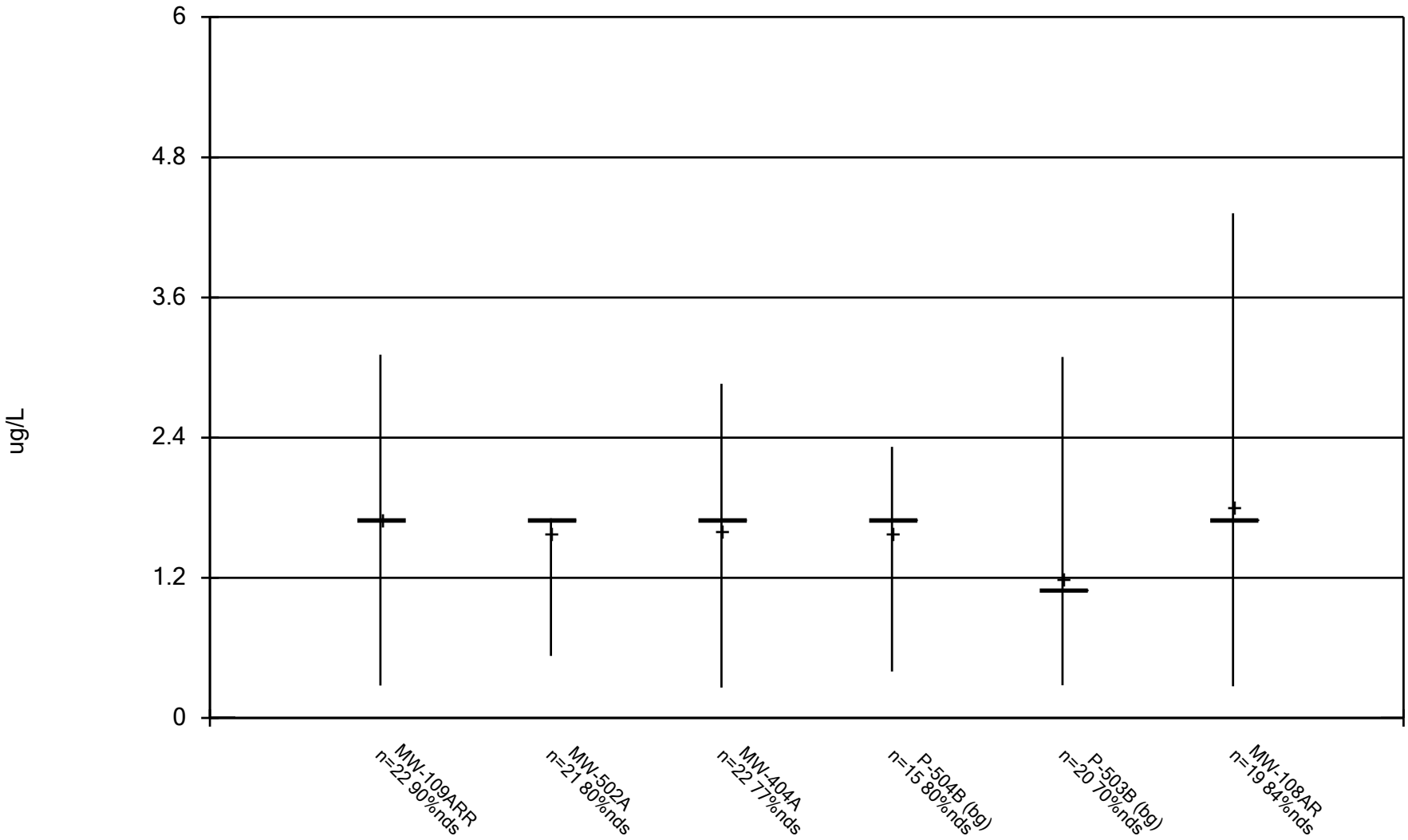
Box & Whiskers Plot



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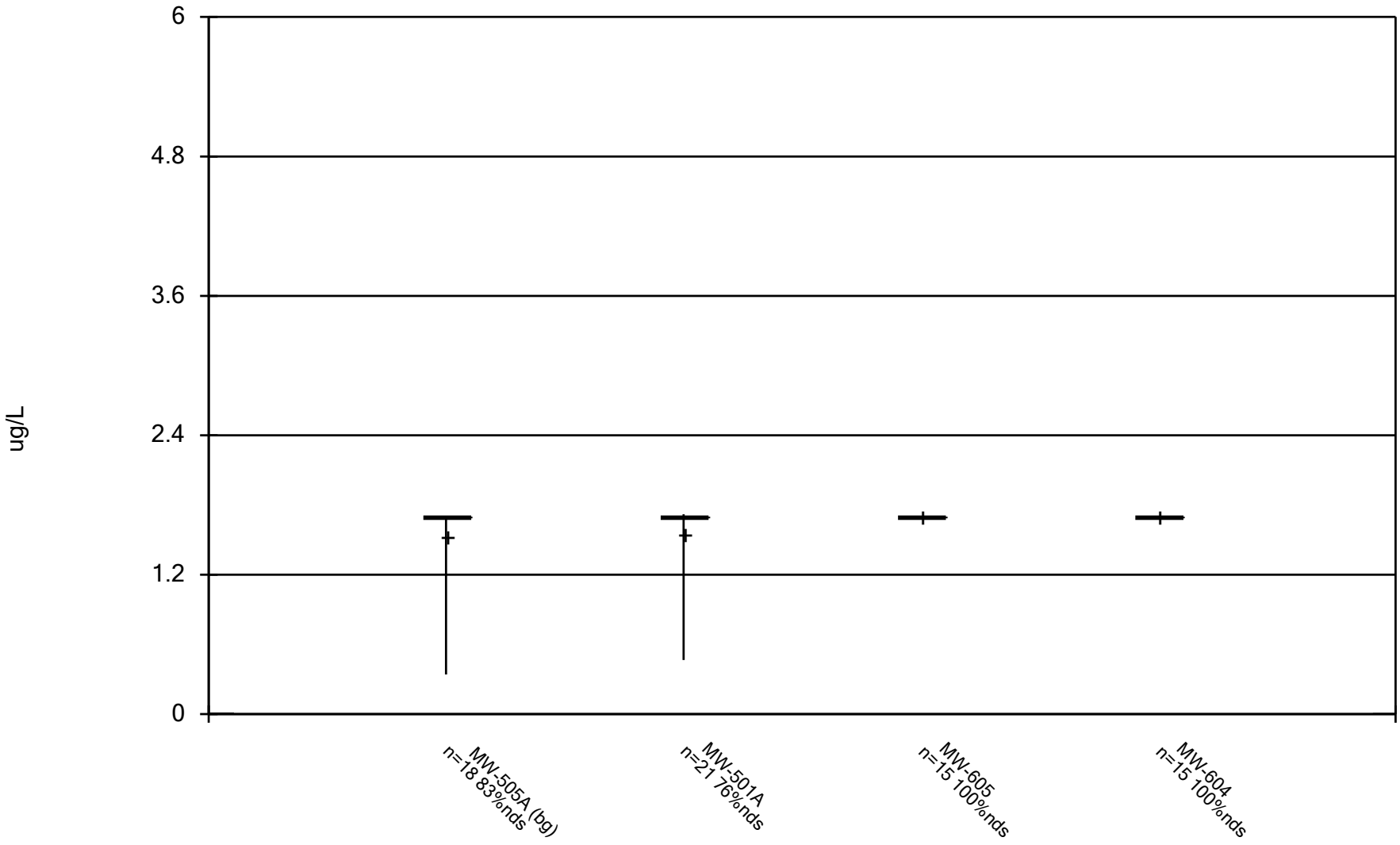
Box & Whiskers Plot



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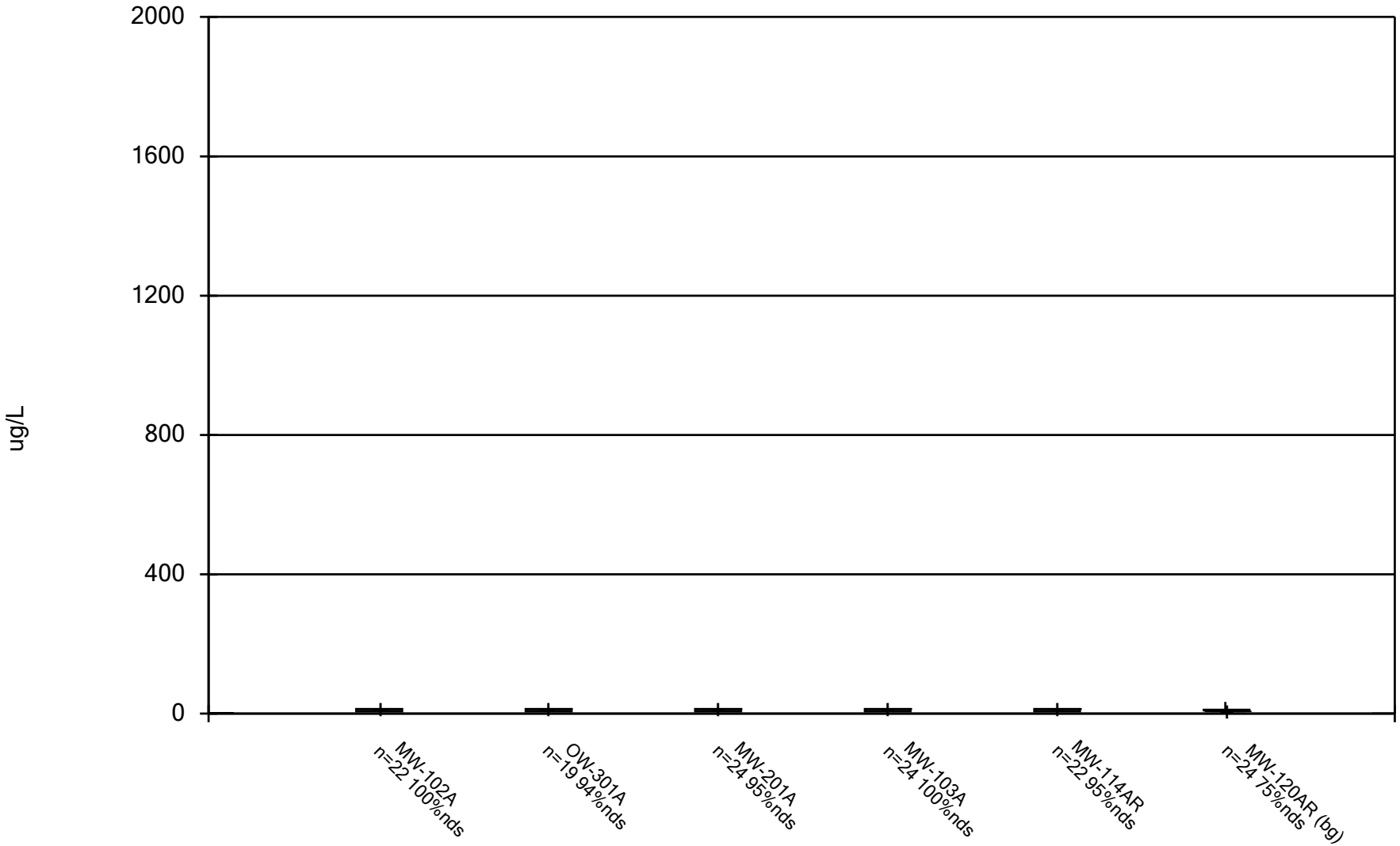
Box & Whiskers Plot



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DMASWA Data: DMASWA Database_Updated

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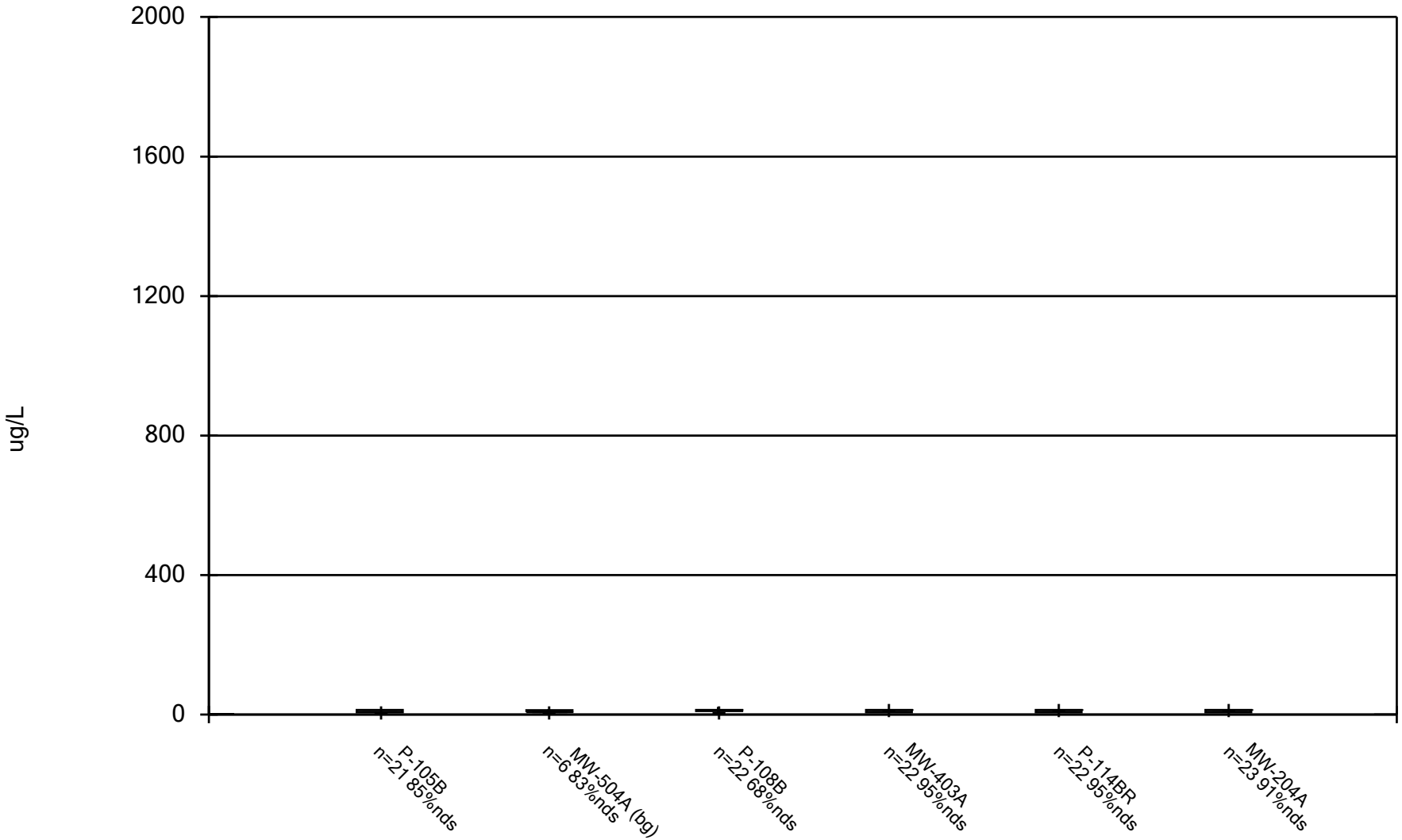
Box & Whiskers Plot



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DMASWA Data: DMASWA Database_Updated

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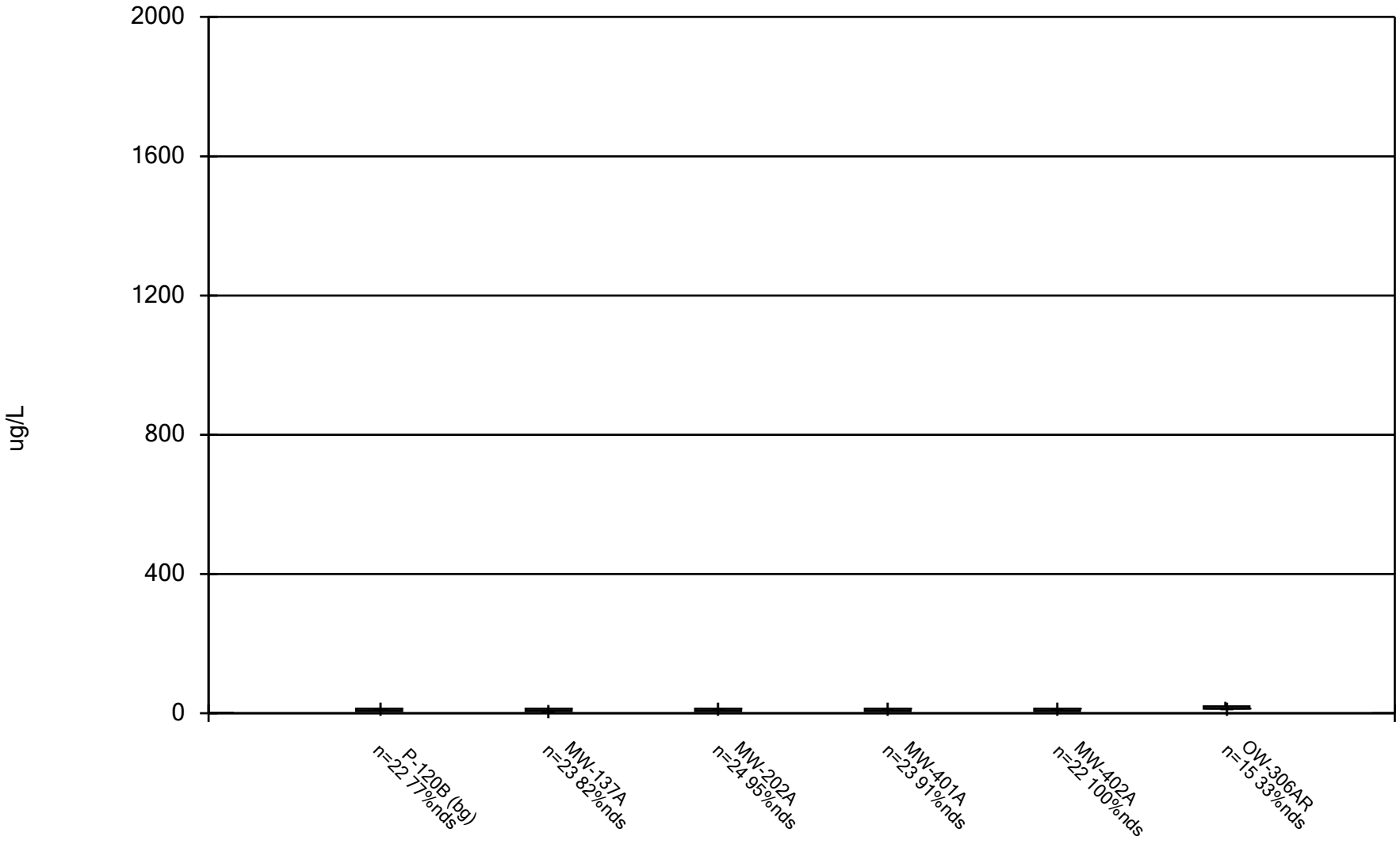
Box & Whiskers Plot



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DMASWA Data: DMASWA Database_Updated

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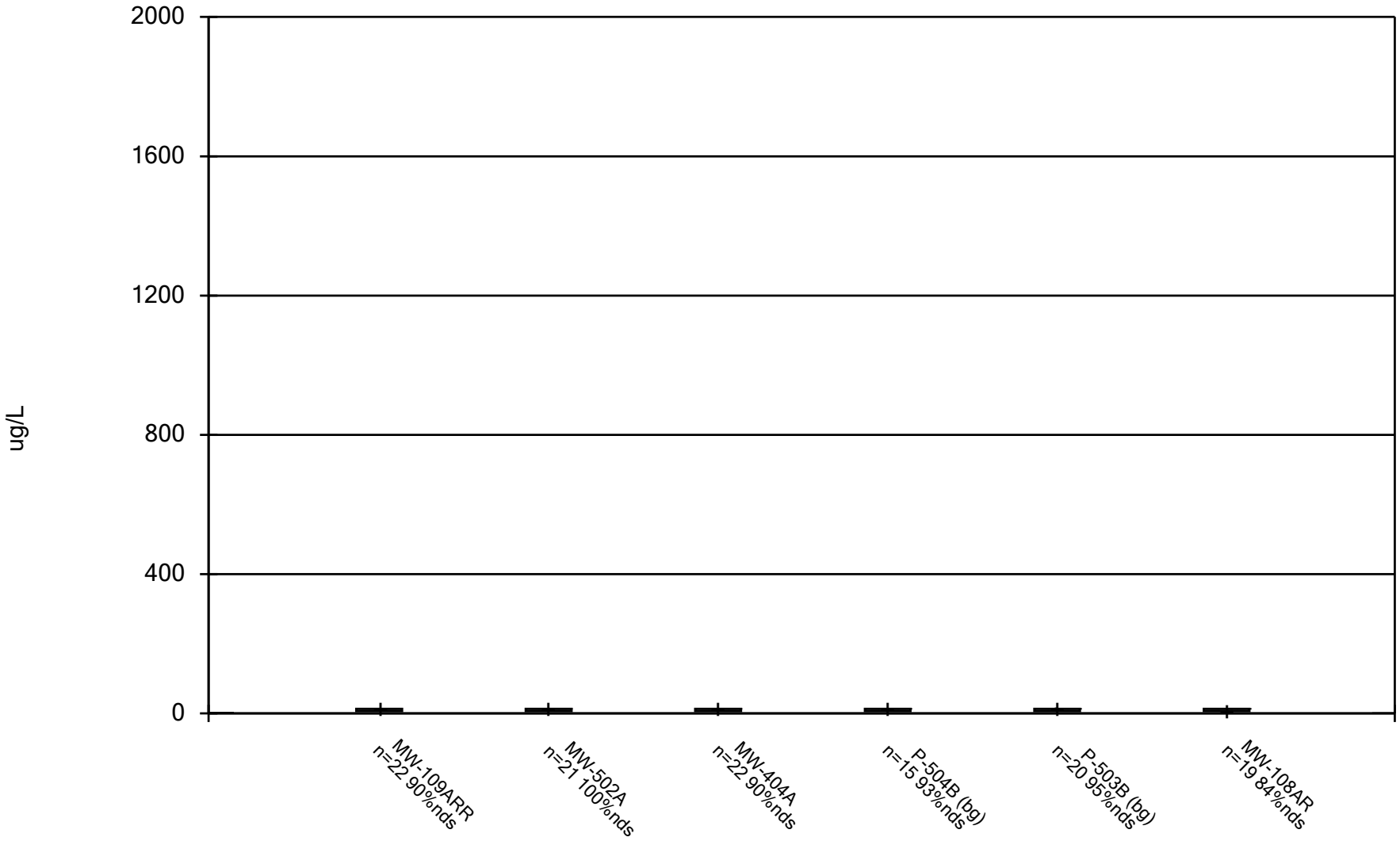
Box & Whiskers Plot



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DMASWA Data: DMASWA Database_Updated

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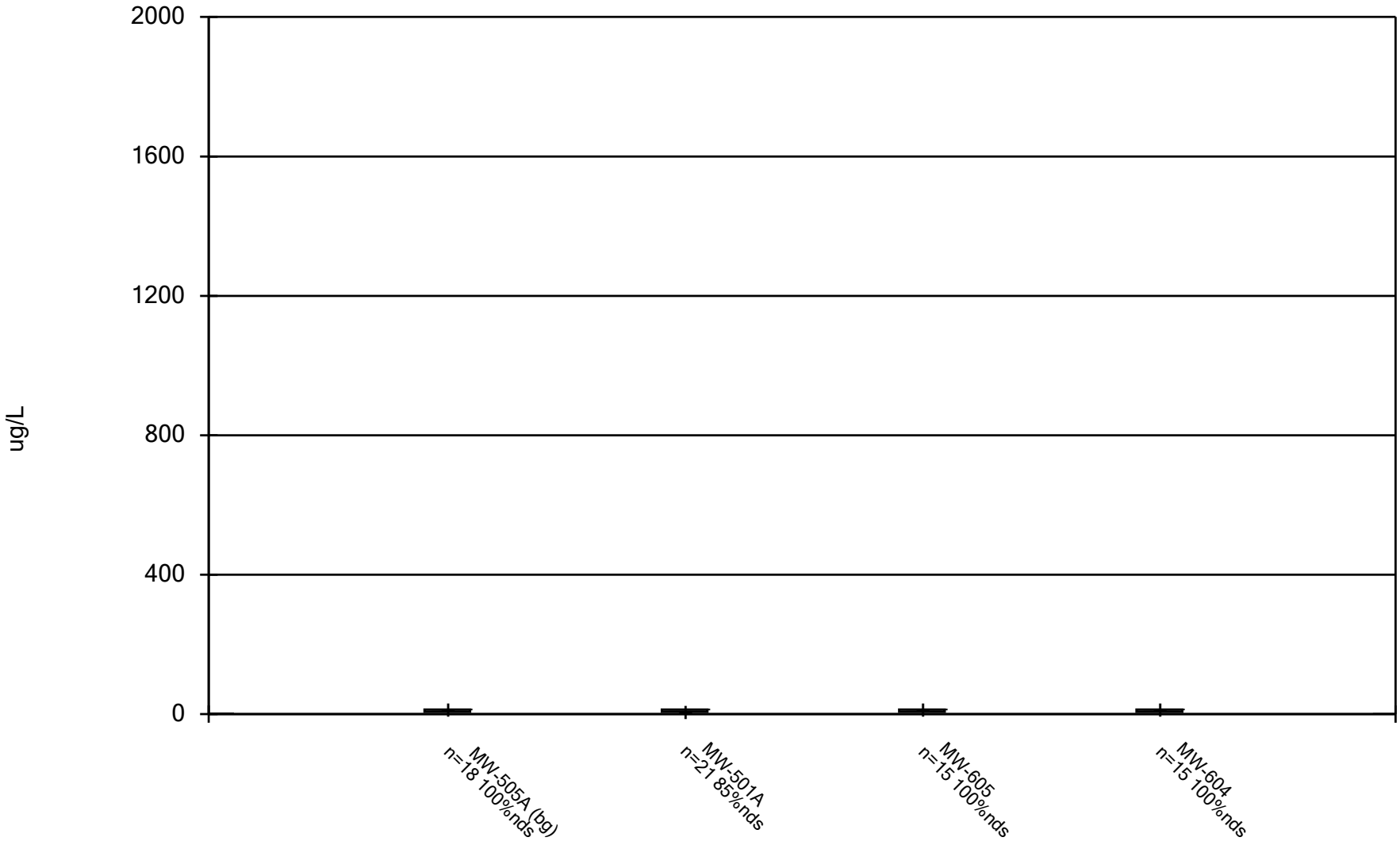
Box & Whiskers Plot



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DMASWA Data: DMASWA Database_Updated

Box & Whiskers Plot

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 12:20 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Min.	Max.	%NDs
Antimony (ug/L)	MW-102A	20	1	0	0	1	1	1	100
Antimony (ug/L)	OW-301A	19	0.8898	0.2621	0.06012	1	0.252	1	84.21
Antimony (ug/L)	MW-201A	24	1	0	0	1	1	1	100
Antimony (ug/L)	MW-103A	23	1	0	0	1	1	1	100
Antimony (ug/L)	MW-114AR	21	1	0	0	1	1	1	100
Antimony (ug/L)	MW-120AR (bg)	23	0.9871	0.06172	0.01287	1	0.704	1	95.65
Antimony (ug/L)	P-105B	21	1.084	0.3862	0.08429	1	1	2.77	95.24
Antimony (ug/L)	MW-504A (bg)	6	0.69	0	0	0.69	0.69	0.69	100
Antimony (ug/L)	P-108B	21	1	0	0	1	1	1	100
Antimony (ug/L)	MW-403A	21	1	0	0	1	1	1	100
Antimony (ug/L)	P-114BR	21	1	0	0	1	1	1	100
Antimony (ug/L)	MW-204A	23	1.218	1.045	0.2178	1	1	6.01	95.65
Antimony (ug/L)	P-120B (bg)	21	0.8812	0.2406	0.0525	1	0.195	1	76.19
Antimony (ug/L)	MW-137A	22	1	0	0	1	1	1	100
Antimony (ug/L)	MW-202A	22	0.9548	0.1583	0.03374	1	0.307	1	90.91
Antimony (ug/L)	MW-401A	22	1	0	0	1	1	1	100
Antimony (ug/L)	MW-402A	21	1	0	0	1	1	1	100
Antimony (ug/L)	OW-306AR	14	1	0	0	1	1	1	100
Antimony (ug/L)	MW-109ARR	21	1.034	0.1571	0.03429	1	1	1.72	95.24
Antimony (ug/L)	MW-502A	21	0.9984	0.121	0.0264	1	0.749	1.43	85.71
Antimony (ug/L)	MW-404A	21	0.9901	0.04539	0.009905	1	0.792	1	95.24
Antimony (ug/L)	P-504B (bg)	15	0.9101	0.2395	0.06183	1	0.238	1	86.67
Antimony (ug/L)	P-503B (bg)	18	0.9737	0.1115	0.02628	1	0.527	1	94.44
Antimony (ug/L)	MW-108AR	19	1	0	0	1	1	1	100
Antimony (ug/L)	MW-505A (bg)	17	0.9614	0.1593	0.03865	1	0.343	1	94.12
Antimony (ug/L)	MW-501A	20	0.9804	0.08788	0.01965	1	0.607	1	95
Antimony (ug/L)	MW-605	14	1	0	0	1	1	1	100
Antimony (ug/L)	MW-604	14	0.9859	0.05292	0.01414	1	0.802	1	92.86
Arsenic (ug/L)	MW-102A	22	9.723	4.559	0.9721	10.8	1.45	16.6	0
Arsenic (ug/L)	OW-301A	18	1.144	0.9481	0.2235	0.75	0.46	4	50
Arsenic (ug/L)	MW-201A	21	1.686	0.524	0.1144	2	0.679	2.55	57.14
Arsenic (ug/L)	MW-103A	24	0.5485	0.06572	0.01342	0.53	0.53	0.818	91.67
Arsenic (ug/L)	MW-114AR	22	0.6039	0.2555	0.05448	0.53	0.53	1.71	81.82
Arsenic (ug/L)	MW-120AR (bg)	24	0.8492	1.556	0.3175	0.53	0.407	8.15	87.5
Arsenic (ug/L)	P-105B	22	0.9169	0.2992	0.06378	0.954	0.53	1.35	27.27
Arsenic (ug/L)	MW-504A (bg)	6	1.107	0.8588	0.3506	0.75	0.75	2.86	66.67
Arsenic (ug/L)	P-108B	22	0.5202	0.04605	0.009818	0.53	0.314	0.53	95.45
Arsenic (ug/L)	MW-403A	22	0.597	0.341	0.07271	0.53	0.415	2.12	90.91
Arsenic (ug/L)	P-114BR	21	0.62	0.2874	0.06272	0.53	0.53	1.61	90.48
Arsenic (ug/L)	MW-204A	21	0.5485	0.08467	0.01848	0.53	0.53	0.918	95.24
Arsenic (ug/L)	P-120B (bg)	22	0.532	0.007575	0.001615	0.53	0.53	0.565	90.91
Arsenic (ug/L)	MW-137A	20	0.7121	0.4624	0.1034	0.53	0.53	2.07	75
Arsenic (ug/L)	MW-202A	22	2.312	2.137	0.4556	2	0.833	11.5	31.82
Arsenic (ug/L)	MW-401A	23	0.8599	0.9579	0.1997	0.53	0.53	4.94	65.22
Arsenic (ug/L)	MW-402A	22	1.863	0.7833	0.167	2	0.572	3.21	22.73
Arsenic (ug/L)	OW-306AR	15	2.17	2.326	0.6007	1.22	0.75	8.53	20
Arsenic (ug/L)	MW-109ARR	22	4.945	3.032	0.6463	4.34	1	11.6	13.64
Arsenic (ug/L)	MW-502A	21	0.5254	0.03297	0.007195	0.53	0.388	0.575	90.48
Arsenic (ug/L)	MW-404A	22	0.6177	0.3169	0.06757	0.53	0.45	1.89	86.36
Arsenic (ug/L)	P-504B (bg)	15	0.7411	0.6514	0.1682	0.53	0.53	3.08	60

Box & Whiskers Plot

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 12:20 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Min.	Max.	%NDs
Arsenic (ug/L)	P-503B (bg)	20	0.6195	0.3707	0.08288	0.53	0.335	2.14	85
Arsenic (ug/L)	MW-108AR	19	0.7959	0.6784	0.1556	0.53	0.53	3.34	73.68
Arsenic (ug/L)	MW-505A (bg)	18	0.5408	0.04596	0.01083	0.53	0.53	0.725	94.44
Arsenic (ug/L)	MW-501A	21	0.5786	0.2432	0.05308	0.53	0.391	1.63	85.71
Arsenic (ug/L)	MW-605	15	0.6074	0.2705	0.06985	0.53	0.53	1.58	80
Arsenic (ug/L)	MW-604	15	0.5927	0.2345	0.06055	0.53	0.53	1.44	86.67
Barium (ug/L)	MW-102A	22	317	90.15	19.22	301	163	565	0
Barium (ug/L)	OW-301A	18	220.4	60.63	14.29	213.5	110	357	0
Barium (ug/L)	MW-201A	24	465.9	80.88	16.51	468	342	648	0
Barium (ug/L)	MW-103A	22	169.1	144.4	30.78	110	79.5	581	0
Barium (ug/L)	MW-114AR	22	151.8	27.06	5.77	151.5	103	199	0
Barium (ug/L)	MW-120AR (bg)	24	48.34	11.05	2.255	46.2	29.8	69	0
Barium (ug/L)	P-105B	21	183.9	13.91	3.036	183	158	207	0
Barium (ug/L)	MW-504A (bg)	6	77.63	7.616	3.109	77.75	65.9	86.1	0
Barium (ug/L)	P-108B	22	168	11.39	2.428	167.5	144	199	0
Barium (ug/L)	MW-403A	22	152.6	25.25	5.383	153	96.2	187	0
Barium (ug/L)	P-114BR	22	198.3	17.06	3.636	198	149	231	0
Barium (ug/L)	MW-204A	24	326	25.34	5.172	318	263	372	0
Barium (ug/L)	P-120B (bg)	22	26.67	1.758	0.3748	26.75	23.7	30	0
Barium (ug/L)	MW-137A	20	141	31.87	7.127	132	99.4	228	0
Barium (ug/L)	MW-202A	24	780.4	372	75.92	672	231	1690	0
Barium (ug/L)	MW-401A	25	206.8	44.57	8.914	184	129	279	0
Barium (ug/L)	MW-402A	22	72.19	10.9	2.325	69.15	59.4	96.5	0
Barium (ug/L)	OW-306AR	15	159.8	40.98	10.58	149	103	237	0
Barium (ug/L)	MW-109ARR	22	313.8	78.3	16.69	313	194	490	0
Barium (ug/L)	MW-502A	21	32.55	12.45	2.718	27.9	22.8	78.7	0
Barium (ug/L)	MW-404A	22	65.75	6.077	1.296	65.9	57.1	78.7	0
Barium (ug/L)	P-504B (bg)	15	248.5	68.25	17.62	282	96.1	332	0
Barium (ug/L)	P-503B (bg)	20	100.8	13.07	2.923	99.45	73.9	136	0
Barium (ug/L)	MW-108AR	17	255.2	48.51	11.76	272	138	302	0
Barium (ug/L)	MW-505A (bg)	18	96.48	12.95	3.052	94.3	80.1	127	0
Barium (ug/L)	MW-501A	21	78.42	18.51	4.04	75.8	49.7	136	0
Barium (ug/L)	MW-605	15	169.5	46.78	12.08	189	102	232	0
Barium (ug/L)	MW-604	15	203.1	25.21	6.509	199	167	249	0
Beryllium (ug/L)	MW-102A	22	0.3199	0.04733	0.01009	0.33	0.108	0.33	95.45
Beryllium (ug/L)	OW-301A	19	0.33	0	0	0.33	0.33	0.33	100
Beryllium (ug/L)	MW-201A	24	0.3191	0.05348	0.01092	0.33	0.068	0.33	95.83
Beryllium (ug/L)	MW-103A	24	0.318	0.05899	0.01204	0.33	0.041	0.33	95.83
Beryllium (ug/L)	MW-114AR	22	0.33	0	0	0.33	0.33	0.33	100
Beryllium (ug/L)	MW-120AR (bg)	24	0.33	0	0	0.33	0.33	0.33	100
Beryllium (ug/L)	P-105B	22	0.33	0	0	0.33	0.33	0.33	100
Beryllium (ug/L)	MW-504A (bg)	6	0.27	0	0	0.27	0.27	0.27	100
Beryllium (ug/L)	P-108B	22	0.3173	0.05948	0.01268	0.33	0.051	0.33	95.45
Beryllium (ug/L)	MW-403A	22	0.3172	0.06012	0.01282	0.33	0.048	0.33	95.45
Beryllium (ug/L)	P-114BR	22	0.33	0	0	0.33	0.33	0.33	100
Beryllium (ug/L)	MW-204A	24	0.4138	0.4103	0.08375	0.33	0.33	2.34	95.83
Beryllium (ug/L)	P-120B (bg)	22	0.33	0	0	0.33	0.33	0.33	100
Beryllium (ug/L)	MW-137A	23	0.3179	0.05818	0.01213	0.33	0.051	0.33	95.65
Beryllium (ug/L)	MW-202A	24	0.33	0	0	0.33	0.33	0.33	100
Beryllium (ug/L)	MW-401A	23	0.3177	0.0588	0.01226	0.33	0.048	0.33	95.65

Box & Whiskers Plot

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 12:20 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Min.	Max.	%NDs
Beryllium (ug/L)	MW-402A	22	0.3172	0.06012	0.01282	0.33	0.048	0.33	95.45
Beryllium (ug/L)	OW-306AR	15	0.3269	0.01214	0.003133	0.33	0.283	0.33	93.33
Beryllium (ug/L)	MW-109ARR	22	0.33	0.0002132	0.0000...	0.33	0.33	0.331	95.45
Beryllium (ug/L)	MW-502A	21	0.33	0	0	0.33	0.33	0.33	100
Beryllium (ug/L)	MW-404A	22	0.33	0	0	0.33	0.33	0.33	100
Beryllium (ug/L)	P-504B (bg)	15	0.33	0	0	0.33	0.33	0.33	100
Beryllium (ug/L)	P-503B (bg)	20	0.33	0	0	0.33	0.33	0.33	100
Beryllium (ug/L)	MW-108AR	19	0.316	0.06102	0.014	0.33	0.064	0.33	94.74
Beryllium (ug/L)	MW-505A (bg)	18	0.33	0	0	0.33	0.33	0.33	100
Beryllium (ug/L)	MW-501A	21	0.33	0	0	0.33	0.33	0.33	100
Beryllium (ug/L)	MW-605	15	0.33	0	0	0.33	0.33	0.33	100
Beryllium (ug/L)	MW-604	15	0.33	0	0	0.33	0.33	0.33	100
Cadmium (ug/L)	MW-102A	22	0.09723	0.01301	0.002773	0.1	0.039	0.1	95.45
Cadmium (ug/L)	OW-301A	17	0.1029	0.0264	0.006402	0.1	0.071	0.176	52.94
Cadmium (ug/L)	MW-201A	22	0.08705	0.01625	0.003464	0.1	0.053	0.1	54.55
Cadmium (ug/L)	MW-103A	24	0.09579	0.01466	0.002992	0.1	0.038	0.1	91.67
Cadmium (ug/L)	MW-114AR	22	0.09827	0.0231	0.004925	0.1	0.04	0.153	59.09
Cadmium (ug/L)	MW-120AR (bg)	24	0.1037	0.01145	0.002336	0.1	0.1	0.146	87.5
Cadmium (ug/L)	P-105B	22	0.1	0	0	0.1	0.1	0.1	100
Cadmium (ug/L)	MW-504A (bg)	6	0.0715	0.0328	0.01339	0.055	0.055	0.137	66.67
Cadmium (ug/L)	P-108B	22	0.1	0	0	0.1	0.1	0.1	100
Cadmium (ug/L)	MW-403A	23	0.09739	0.02208	0.004603	0.1	0.054	0.145	65.22
Cadmium (ug/L)	P-114BR	22	0.1	0	0	0.1	0.1	0.1	100
Cadmium (ug/L)	MW-204A	21	0.1149	0.01987	0.004337	0.103	0.09	0.151	28.57
Cadmium (ug/L)	P-120B (bg)	22	0.1219	0.05898	0.01257	0.1	0.04	0.283	77.27
Cadmium (ug/L)	MW-137A	23	0.1215	0.06649	0.01386	0.1	0.059	0.388	69.57
Cadmium (ug/L)	MW-202A	24	0.09558	0.01498	0.003057	0.1	0.045	0.1	91.67
Cadmium (ug/L)	MW-401A	24	0.098	0.02692	0.005494	0.1	0.045	0.157	66.67
Cadmium (ug/L)	MW-402A	22	0.1	0.003395	0.0007237	0.1	0.089	0.111	90.91
Cadmium (ug/L)	OW-306AR	15	0.1018	0.06313	0.0163	0.1	0.046	0.309	40
Cadmium (ug/L)	MW-109ARR	22	0.1076	0.06873	0.01465	0.1	0.061	0.409	72.73
Cadmium (ug/L)	MW-502A	21	0.1004	0.02338	0.005101	0.1	0.037	0.183	80.95
Cadmium (ug/L)	MW-404A	22	0.09705	0.01097	0.002338	0.1	0.049	0.1	86.36
Cadmium (ug/L)	P-504B (bg)	15	0.1107	0.03884	0.01003	0.1	0.071	0.238	66.67
Cadmium (ug/L)	P-503B (bg)	20	0.1031	0.03876	0.008666	0.1	0.038	0.254	80
Cadmium (ug/L)	MW-108AR	19	0.08947	0.02407	0.005523	0.1	0.043	0.134	63.16
Cadmium (ug/L)	MW-505A (bg)	18	0.1007	0.004187	0.0009868	0.1	0.091	0.112	83.33
Cadmium (ug/L)	MW-501A	22	0.09955	0.04904	0.01046	0.1	0.036	0.247	40.91
Cadmium (ug/L)	MW-605	14	0.08529	0.02354	0.00629	0.09	0.049	0.136	42.86
Cadmium (ug/L)	MW-604	14	0.1	0	0	0.1	0.1	0.1	100
Chromium (ug/L)	MW-102A	22	1.8	0	0	1.8	1.8	1.8	100
Chromium (ug/L)	OW-301A	19	1.776	0.1032	0.02368	1.8	1.35	1.8	94.74
Chromium (ug/L)	MW-201A	24	1.815	0.07144	0.01458	1.8	1.8	2.15	95.83
Chromium (ug/L)	MW-103A	24	1.812	0.0592	0.01208	1.8	1.8	2.09	95.83
Chromium (ug/L)	MW-114AR	22	1.783	0.07888	0.01682	1.8	1.43	1.8	95.45
Chromium (ug/L)	MW-120AR (bg)	23	1.71	0.2857	0.05957	1.8	0.673	1.99	82.61
Chromium (ug/L)	P-105B	22	1.8	0	0	1.8	1.8	1.8	100
Chromium (ug/L)	MW-504A (bg)	6	1.936	2.111	0.8618	1.155	0.594	6.21	33.33
Chromium (ug/L)	P-108B	22	1.774	0.1215	0.02591	1.8	1.23	1.8	95.45
Chromium (ug/L)	MW-403A	22	1.8	0	0	1.8	1.8	1.8	100

Box & Whiskers Plot

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 12:20 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Min.	Max.	%NDs
Chromium (ug/L)	P-114BR	22	1.799	0.07104	0.01515	1.8	1.56	2.02	90.91
Chromium (ug/L)	MW-204A	24	1.823	0.1992	0.04066	1.8	1.46	2.7	91.67
Chromium (ug/L)	P-120B (bg)	22	1.761	0.3168	0.06755	1.8	0.771	2.62	86.36
Chromium (ug/L)	MW-137A	23	1.803	0.05076	0.01058	1.8	1.67	2	91.3
Chromium (ug/L)	MW-202A	24	1.764	0.3026	0.06177	1.8	0.426	2.3	91.67
Chromium (ug/L)	MW-401A	23	1.824	0.1147	0.02391	1.8	1.8	2.35	95.65
Chromium (ug/L)	MW-402A	22	1.82	0.09381	0.02	1.8	1.8	2.24	95.45
Chromium (ug/L)	OW-306AR	15	1.86	0.2769	0.0715	1.8	1.27	2.5	60
Chromium (ug/L)	MW-109ARR	22	1.787	0.1627	0.03469	1.8	1.15	2.17	90.91
Chromium (ug/L)	MW-502A	21	1.733	0.2478	0.05408	1.8	0.67	1.8	85.71
Chromium (ug/L)	MW-404A	22	1.747	0.3086	0.0658	1.8	0.386	2.05	90.91
Chromium (ug/L)	P-504B (bg)	15	1.813	0.04906	0.01267	1.8	1.8	1.99	93.33
Chromium (ug/L)	P-503B (bg)	20	1.317	0.415	0.0928	1.2	0.708	2.79	80
Chromium (ug/L)	MW-108AR	19	1.88	0.6952	0.1595	1.8	0.474	4.45	84.21
Chromium (ug/L)	MW-505A (bg)	18	1.465	0.8917	0.2102	1.2	1.2	4.89	88.89
Chromium (ug/L)	MW-501A	21	1.708	0.3189	0.06959	1.8	0.356	1.8	85.71
Chromium (ug/L)	MW-605	15	1.8	0	0	1.8	1.8	1.8	100
Chromium (ug/L)	MW-604	15	1.8	0	0	1.8	1.8	1.8	100
Cobalt (ug/L)	MW-102A	22	1.141	0.8086	0.1724	0.944	0.109	2.86	0
Cobalt (ug/L)	OW-301A	19	1.457	1.296	0.2972	1.3	0.17	5.37	5.263
Cobalt (ug/L)	MW-201A	24	2.507	1.57	0.3204	2.395	0.558	6.52	0
Cobalt (ug/L)	MW-103A	24	0.24	0.2234	0.0456	0.17	0.057	1.14	45.83
Cobalt (ug/L)	MW-114AR	22	0.1756	0.1279	0.02727	0.17	0.04	0.606	45.45
Cobalt (ug/L)	MW-120AR (bg)	24	0.8919	0.9154	0.1869	0.4445	0.102	3.51	4.167
Cobalt (ug/L)	P-105B	22	0.2176	0.1218	0.02596	0.17	0.068	0.556	50
Cobalt (ug/L)	MW-504A (bg)	5	0.3082	0.1145	0.05119	0.306	0.172	0.451	0
Cobalt (ug/L)	P-108B	22	0.1523	0.04588	0.009781	0.17	0.028	0.17	86.36
Cobalt (ug/L)	MW-403A	22	0.5725	0.2532	0.05399	0.5495	0.163	1.23	0
Cobalt (ug/L)	P-114BR	22	0.1626	0.03366	0.007175	0.17	0.071	0.245	81.82
Cobalt (ug/L)	MW-204A	23	2.495	0.537	0.112	2.48	1.67	3.54	0
Cobalt (ug/L)	P-120B (bg)	22	0.5961	0.5414	0.1154	0.45	0.047	1.9	9.091
Cobalt (ug/L)	MW-137A	23	1.182	2.132	0.4446	0.5	0.05	8.7	26.09
Cobalt (ug/L)	MW-202A	24	2.878	2.904	0.5928	1.785	0.201	11.5	0
Cobalt (ug/L)	MW-401A	24	1.775	0.9423	0.1923	1.575	0.356	4.87	0
Cobalt (ug/L)	MW-402A	23	1.384	0.5118	0.1067	1.13	0.859	2.88	0
Cobalt (ug/L)	OW-306AR	15	1.624	1.169	0.3018	1.59	0.295	5.17	0
Cobalt (ug/L)	MW-109ARR	22	1.552	0.7035	0.15	1.45	0.471	3	0
Cobalt (ug/L)	MW-502A	21	0.5932	0.2201	0.04803	0.559	0.298	1.3	0
Cobalt (ug/L)	MW-404A	23	0.596	0.486	0.1013	0.555	0.079	2.23	8.696
Cobalt (ug/L)	P-504B (bg)	15	7.821	2.744	0.7086	8.63	1.01	11.9	0
Cobalt (ug/L)	P-503B (bg)	19	1.729	1.277	0.2929	1.18	0.651	4.75	0
Cobalt (ug/L)	MW-108AR	19	0.5418	0.5006	0.1149	0.318	0.0264	1.83	5.263
Cobalt (ug/L)	MW-505A (bg)	18	0.5248	0.5956	0.1404	0.173	0.17	2.19	50
Cobalt (ug/L)	MW-501A	25	1.961	0.6649	0.133	1.75	0.934	3.22	0
Cobalt (ug/L)	MW-605	20	0.6425	0.3493	0.07811	0.5555	0.184	1.51	0
Cobalt (ug/L)	MW-604	20	0.1696	0.04473	0.01	0.17	0.082	0.325	80
Copper (ug/L)	MW-102A	22	4.29	4.887	1.042	3.2	0.612	24.5	81.82
Copper (ug/L)	OW-301A	19	2.977	0.6686	0.1534	3.2	1.04	3.2	89.47
Copper (ug/L)	MW-201A	24	2.424	2.742	0.5596	1.8	0.863	15	66.67
Copper (ug/L)	MW-103A	24	3.063	0.8547	0.1745	3.2	0.753	5.61	83.33

Box & Whiskers Plot

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 12:20 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Min.	Max.	%NDs
Copper (ug/L)	MW-114AR	22	2.797	0.8654	0.1845	3.2	0.6	3.2	77.27
Copper (ug/L)	MW-120AR (bg)	24	2.258	1.105	0.2256	1.8	0.752	5.37	58.33
Copper (ug/L)	P-105B	22	2.435	2.583	0.5506	1.8	0.755	13.5	86.36
Copper (ug/L)	MW-504A (bg)	6	2.902	2.813	1.148	1.8	1.57	8.64	66.67
Copper (ug/L)	P-108B	22	2.768	0.9424	0.2009	3.2	0.593	3.2	81.82
Copper (ug/L)	MW-403A	22	3.103	0.4562	0.09727	3.2	1.06	3.2	95.45
Copper (ug/L)	P-114BR	22	3.252	0.243	0.05182	3.2	3.2	4.34	95.45
Copper (ug/L)	MW-204A	22	1.807	0.5994	0.1278	1.8	0.682	3.96	72.73
Copper (ug/L)	P-120B (bg)	22	2.702	0.7505	0.16	3.2	1.02	3.2	63.64
Copper (ug/L)	MW-137A	23	3.234	0.9342	0.1948	3.2	1.51	6.78	78.26
Copper (ug/L)	MW-202A	24	2.399	1.14	0.2327	2.025	1.5	7.11	29.17
Copper (ug/L)	MW-401A	23	3.007	0.6446	0.1344	3.2	0.688	3.2	91.3
Copper (ug/L)	MW-402A	22	3.247	0.2217	0.04727	3.2	3.2	4.24	95.45
Copper (ug/L)	OW-306AR	15	2.842	1.097	0.2833	3.2	1.59	6.12	46.67
Copper (ug/L)	MW-109ARR	22	3.404	1.472	0.3138	3.2	1.48	9.78	86.36
Copper (ug/L)	MW-502A	21	3.048	0.5659	0.1235	3.2	0.659	3.2	90.48
Copper (ug/L)	MW-404A	22	2.938	0.7123	0.1519	3.2	0.595	3.2	86.36
Copper (ug/L)	P-504B (bg)	15	3.231	1.053	0.2718	3.2	1.54	6.6	66.67
Copper (ug/L)	P-503B (bg)	20	2.526	1.64	0.3667	1.8	1.8	7.22	80
Copper (ug/L)	MW-108AR	19	3.328	1.3	0.2983	3.2	2.09	8.49	78.95
Copper (ug/L)	MW-505A (bg)	18	3.013	0.5436	0.1281	3.2	1.47	3.2	88.89
Copper (ug/L)	MW-501A	21	3.009	0.558	0.1218	3.2	0.82	3.2	85.71
Copper (ug/L)	MW-605	15	3.149	0.1962	0.05067	3.2	2.44	3.2	93.33
Copper (ug/L)	MW-604	15	3.2	0	0	3.2	3.2	3.2	100
Lead (ug/L)	MW-102A	22	0.3399	0.03653	0.007787	0.33	0.33	0.496	90.91
Lead (ug/L)	OW-301A	19	0.3216	0.02507	0.005752	0.33	0.249	0.33	89.47
Lead (ug/L)	MW-201A	24	0.33	0.01666	0.003401	0.33	0.274	0.387	91.67
Lead (ug/L)	MW-103A	22	0.4132	0.3868	0.08248	0.33	0.274	2.14	81.82
Lead (ug/L)	MW-114AR	22	0.4253	0.4281	0.09126	0.33	0.33	2.34	90.91
Lead (ug/L)	MW-120AR (bg)	24	0.3254	0.3275	0.06686	0.24	0.097	1.79	54.17
Lead (ug/L)	P-105B	22	0.3653	0.1835	0.03913	0.33	0.264	1.18	77.27
Lead (ug/L)	MW-504A (bg)	6	0.8135	1.356	0.5535	0.24	0.24	3.58	66.67
Lead (ug/L)	P-108B	22	2.022	2.679	0.5712	0.8495	0.25	9.66	4.545
Lead (ug/L)	MW-403A	23	0.3393	0.07471	0.01558	0.33	0.154	0.558	82.61
Lead (ug/L)	P-114BR	22	0.33	0	0	0.33	0.33	0.33	100
Lead (ug/L)	MW-204A	23	0.3381	0.03346	0.006978	0.33	0.27	0.44	78.26
Lead (ug/L)	P-120B (bg)	22	0.3113	0.04638	0.009888	0.33	0.143	0.33	77.27
Lead (ug/L)	MW-137A	23	0.2923	0.1099	0.02292	0.26	0.26	0.736	86.96
Lead (ug/L)	MW-202A	24	0.3208	0.04511	0.009208	0.33	0.109	0.33	95.83
Lead (ug/L)	MW-401A	24	0.3374	0.08903	0.01817	0.33	0.107	0.539	70.83
Lead (ug/L)	MW-402A	23	0.4329	0.5341	0.1114	0.33	0.234	2.88	86.96
Lead (ug/L)	OW-306AR	13	0.8337	0.4771	0.1323	0.744	0.397	2.11	15.38
Lead (ug/L)	MW-109ARR	21	0.3424	0.1083	0.02364	0.33	0.142	0.733	66.67
Lead (ug/L)	MW-502A	21	0.3545	0.1334	0.02912	0.33	0.135	0.726	61.9
Lead (ug/L)	MW-404A	24	0.3608	0.105	0.02144	0.33	0.308	0.799	83.33
Lead (ug/L)	P-504B (bg)	15	0.3701	0.205	0.05293	0.33	0.162	1.09	60
Lead (ug/L)	P-503B (bg)	19	0.332	0.2388	0.05479	0.26	0.152	1.26	78.95
Lead (ug/L)	MW-108AR	19	1.164	2.604	0.5975	0.473	0.192	11.8	21.05
Lead (ug/L)	MW-505A (bg)	17	0.3605	0.0806	0.01955	0.33	0.33	0.642	82.35
Lead (ug/L)	MW-501A	21	0.3331	0.07806	0.01703	0.33	0.239	0.651	76.19

Box & Whiskers Plot

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 12:20 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Min.	Max.	%NDs
Lead (ug/L)	MW-605	15	0.354	0.09295	0.024	0.33	0.33	0.69	93.33
Lead (ug/L)	MW-604	15	0.3156	0.05577	0.0144	0.33	0.114	0.33	93.33
Nickel (ug/L)	MW-102A	22	2.283	0.4929	0.1051	2.1	1.38	3.46	45.45
Nickel (ug/L)	OW-301A	18	2.845	1.441	0.3397	2.3	0.837	6.78	38.89
Nickel (ug/L)	MW-201A	23	3.71	1.348	0.281	3.73	1.15	7.19	8.696
Nickel (ug/L)	MW-103A	24	2.35	0.6309	0.1288	2.3	1.1	4.29	66.67
Nickel (ug/L)	MW-114AR	22	2.155	0.7373	0.1572	2.3	0.616	4.09	50
Nickel (ug/L)	MW-120AR (bg)	23	5.933	4.962	1.035	3.72	2.12	21.8	0
Nickel (ug/L)	P-105B	22	2.807	2.754	0.5872	2.3	0.704	14.9	81.82
Nickel (ug/L)	MW-504A (bg)	5	1.747	0.4261	0.1906	1.9	0.995	2.02	20
Nickel (ug/L)	P-108B	22	2.27	0.23	0.04903	2.3	1.3	2.66	86.36
Nickel (ug/L)	MW-403A	22	2.089	0.5786	0.1234	2.3	0.944	3.11	36.36
Nickel (ug/L)	P-114BR	19	2.437	0.5965	0.1368	2.3	2.3	4.9	94.74
Nickel (ug/L)	MW-204A	24	20.06	3.032	0.6189	19.7	14.8	26.9	0
Nickel (ug/L)	P-120B (bg)	22	2.327	0.9293	0.1981	2.3	0.859	5.78	77.27
Nickel (ug/L)	MW-137A	19	5.148	1.777	0.4077	5	1.27	9.39	63.16
Nickel (ug/L)	MW-202A	23	9.548	5.27	1.099	9.04	0.2905	24.8	4.348
Nickel (ug/L)	MW-401A	24	3.611	2.762	0.5638	2.84	0.849	10.6	12.5
Nickel (ug/L)	MW-402A	22	2.146	0.376	0.08016	2.3	0.777	2.3	81.82
Nickel (ug/L)	OW-306AR	15	4.265	1.954	0.5045	3.99	1.81	9.5	6.667
Nickel (ug/L)	MW-109ARR	20	2.465	0.5429	0.1214	2.3	1.66	4.31	20
Nickel (ug/L)	MW-502A	21	2.241	0.3959	0.08639	2.3	1.1	3.22	85.71
Nickel (ug/L)	MW-404A	22	2.384	0.9482	0.2022	2.3	0.596	5.65	54.55
Nickel (ug/L)	P-504B (bg)	15	10.22	2.81	0.7255	10.5	2.79	13.9	0
Nickel (ug/L)	P-503B (bg)	19	3.324	2.389	0.5481	2.46	1.71	9.76	21.05
Nickel (ug/L)	MW-108AR	18	3.074	0.6493	0.153	2.865	2.05	4.68	11.11
Nickel (ug/L)	MW-505A (bg)	17	2.171	0.2734	0.06631	2.3	1.42	2.3	76.47
Nickel (ug/L)	MW-501A	21	3.317	0.6839	0.1492	3.25	2.12	5.04	0
Nickel (ug/L)	MW-605	20	3.664	1.212	0.2711	3.325	2.08	6.12	5
Nickel (ug/L)	MW-604	20	2.182	0.3688	0.08246	2.3	0.935	2.3	90
Selenium (ug/L)	MW-102A	22	1.528	0.5991	0.1277	1.4	1.4	4.21	95.45
Selenium (ug/L)	OW-301A	19	1.613	0.397	0.09108	1.4	1.15	2.6	52.63
Selenium (ug/L)	MW-201A	24	1.4	0	0	1.4	1.4	1.4	100
Selenium (ug/L)	MW-103A	24	1.394	0.2363	0.04823	1.4	0.714	1.98	70.83
Selenium (ug/L)	MW-114AR	22	1.537	0.4269	0.09101	1.4	0.642	2.28	59.09
Selenium (ug/L)	MW-120AR (bg)	24	1.492	0.3758	0.0767	1.4	1.4	3.24	83.33
Selenium (ug/L)	P-105B	22	1.4	0	0	1.4	1.4	1.4	100
Selenium (ug/L)	MW-504A (bg)	6	1.01	0.1225	0.05	0.96	0.96	1.26	83.33
Selenium (ug/L)	P-108B	22	1.33	0.1839	0.03922	1.4	0.773	1.57	77.27
Selenium (ug/L)	MW-403A	22	1.493	0.4349	0.09273	1.4	1.4	3.44	95.45
Selenium (ug/L)	P-114BR	22	1.399	0.006396	0.001364	1.4	1.37	1.4	95.45
Selenium (ug/L)	MW-204A	24	1.826	1.999	0.4079	1.4	1.4	11.2	91.67
Selenium (ug/L)	P-120B (bg)	22	1.409	0.04051	0.008636	1.4	1.4	1.59	95.45
Selenium (ug/L)	MW-137A	23	1.461	0.2651	0.05528	1.4	1.4	2.67	91.3
Selenium (ug/L)	MW-202A	24	1.4	0	0	1.4	1.4	1.4	100
Selenium (ug/L)	MW-401A	23	1.549	0.8431	0.1758	1.4	0.845	5.38	91.3
Selenium (ug/L)	MW-402A	22	1.55	0.7036	0.15	1.4	1.4	4.7	95.45
Selenium (ug/L)	OW-306AR	15	1.853	0.9097	0.2349	1.4	1.25	3.82	66.67
Selenium (ug/L)	MW-109ARR	22	1.366	0.1616	0.03445	1.4	0.642	1.4	95.45
Selenium (ug/L)	MW-502A	21	1.35	0.1701	0.03712	1.4	0.669	1.4	90.48

Box & Whiskers Plot

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 12:20 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Min.	Max.	%NDs
Selenium (ug/L)	MW-404A	22	1.47	0.3007	0.0641	1.4	1.4	2.81	90.91
Selenium (ug/L)	P-504B (bg)	15	1.341	0.1592	0.04111	1.4	0.873	1.4	86.67
Selenium (ug/L)	P-503B (bg)	20	1.377	0.1024	0.0229	1.4	0.942	1.4	95
Selenium (ug/L)	MW-108AR	19	1.474	0.3235	0.07421	1.4	1.4	2.81	94.74
Selenium (ug/L)	MW-505A (bg)	18	1.4	0	0	1.4	1.4	1.4	100
Selenium (ug/L)	MW-501A	21	1.413	0.0611	0.01333	1.4	1.4	1.68	95.24
Selenium (ug/L)	MW-605	15	1.4	0	0	1.4	1.4	1.4	100
Selenium (ug/L)	MW-604	15	1.419	0.07488	0.01933	1.4	1.4	1.69	93.33
Silver (ug/L)	MW-102A	22	0.5	0	0	0.5	0.5	0.5	100
Silver (ug/L)	OW-301A	19	0.5211	0.2459	0.05641	0.5	0.124	1.46	84.21
Silver (ug/L)	MW-201A	24	0.5	0	0	0.5	0.5	0.5	100
Silver (ug/L)	MW-103A	24	0.4902	0.0904	0.01845	0.5	0.097	0.667	91.67
Silver (ug/L)	MW-114AR	22	0.5	0	0	0.5	0.5	0.5	100
Silver (ug/L)	MW-120AR (bg)	24	0.585	0.2923	0.05967	0.5	0.5	1.69	91.67
Silver (ug/L)	P-105B	22	0.5401	0.2331	0.04971	0.5	0.044	1.36	86.36
Silver (ug/L)	MW-504A (bg)	6	0.49	0	0	0.49	0.49	0.49	100
Silver (ug/L)	P-108B	22	0.4875	0.08514	0.01815	0.5	0.12	0.606	90.91
Silver (ug/L)	MW-403A	22	0.5	0	0	0.5	0.5	0.5	100
Silver (ug/L)	P-114BR	22	0.5	0	0	0.5	0.5	0.5	100
Silver (ug/L)	MW-204A	24	0.554	0.3601	0.0735	0.5	0.097	2.2	91.67
Silver (ug/L)	P-120B (bg)	22	0.5396	0.2657	0.05665	0.5	0.182	1.69	90.91
Silver (ug/L)	MW-137A	23	0.5	0	0	0.5	0.5	0.5	100
Silver (ug/L)	MW-202A	24	0.5	0	0	0.5	0.5	0.5	100
Silver (ug/L)	MW-401A	23	0.4818	0.08716	0.01817	0.5	0.082	0.5	95.65
Silver (ug/L)	MW-402A	22	0.481	0.0889	0.01895	0.5	0.083	0.5	95.45
Silver (ug/L)	OW-306AR	15	0.5015	0.00568	0.001467	0.5	0.5	0.522	93.33
Silver (ug/L)	MW-109ARR	22	0.4822	0.08934	0.01905	0.5	0.083	0.526	90.91
Silver (ug/L)	MW-502A	21	0.5	0	0	0.5	0.5	0.5	100
Silver (ug/L)	MW-404A	22	0.4794	0.09679	0.02064	0.5	0.046	0.5	95.45
Silver (ug/L)	P-504B (bg)	15	0.4771	0.08856	0.02287	0.5	0.157	0.5	93.33
Silver (ug/L)	P-503B (bg)	20	0.4999	0.0004472	0.0001	0.5	0.498	0.5	95
Silver (ug/L)	MW-108AR	19	0.4784	0.09406	0.02158	0.5	0.09	0.5	94.74
Silver (ug/L)	MW-505A (bg)	18	0.4911	0.08858	0.02088	0.5	0.173	0.667	88.89
Silver (ug/L)	MW-501A	21	0.5081	0.0371	0.008095	0.5	0.5	0.67	95.24
Silver (ug/L)	MW-605	15	0.5	0	0	0.5	0.5	0.5	100
Silver (ug/L)	MW-604	15	0.5	0	0	0.5	0.5	0.5	100
Thallium (ug/L)	MW-102A	22	0.5458	0.1134	0.02418	0.57	0.038	0.57	95.45
Thallium (ug/L)	OW-301A	19	0.5177	0.1428	0.03277	0.57	0.06	0.57	84.21
Thallium (ug/L)	MW-201A	24	0.57	0	0	0.57	0.57	0.57	100
Thallium (ug/L)	MW-103A	24	0.5476	0.1096	0.02237	0.57	0.033	0.57	95.83
Thallium (ug/L)	MW-114AR	22	0.5216	0.1566	0.03338	0.57	0.028	0.57	90.91
Thallium (ug/L)	MW-120AR (bg)	24	0.5636	0.1784	0.03641	0.57	0.027	1.19	87.5
Thallium (ug/L)	P-105B	22	1.075	2.378	0.5071	0.57	0.043	11.7	86.36
Thallium (ug/L)	MW-504A (bg)	6	0.26	0	0	0.26	0.26	0.26	100
Thallium (ug/L)	P-108B	22	0.4643	0.2078	0.0443	0.57	0.028	0.57	77.27
Thallium (ug/L)	MW-403A	22	0.6999	0.7243	0.1544	0.57	0.088	3.91	90.91
Thallium (ug/L)	P-114BR	22	0.57	0	0	0.57	0.57	0.57	100
Thallium (ug/L)	MW-204A	23	0.4286	0.2186	0.04559	0.57	0.088	0.57	69.57
Thallium (ug/L)	P-120B (bg)	22	0.5927	0.1066	0.02273	0.57	0.57	1.07	95.45
Thallium (ug/L)	MW-137A	23	0.5651	0.1374	0.02865	0.57	0.061	0.966	91.3

Box & Whiskers Plot

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 12:20 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Min.	Max.	%NDs
Thallium (ug/L)	MW-202A	24	0.5257	0.1501	0.03063	0.57	0.034	0.57	91.67
Thallium (ug/L)	MW-401A	23	0.5566	0.06422	0.01339	0.57	0.262	0.57	95.65
Thallium (ug/L)	MW-402A	22	0.57	0	0	0.57	0.57	0.57	100
Thallium (ug/L)	OW-306AR	15	0.57	0	0	0.57	0.57	0.57	100
Thallium (ug/L)	MW-109ARR	22	0.451	0.2245	0.04787	0.57	0.032	0.57	77.27
Thallium (ug/L)	MW-502A	22	0.639	0.4594	0.09794	0.57	0.029	2.63	90.91
Thallium (ug/L)	MW-404A	23	0.6452	0.3607	0.07522	0.57	0.57	2.3	95.65
Thallium (ug/L)	P-504B (bg)	15	0.5929	0.4267	0.1102	0.57	0.031	1.98	80
Thallium (ug/L)	P-503B (bg)	20	0.5431	0.1201	0.02685	0.57	0.033	0.57	95
Thallium (ug/L)	MW-108AR	19	0.4423	0.2195	0.05037	0.57	0.075	0.57	73.68
Thallium (ug/L)	MW-505A (bg)	18	0.5367	0.1229	0.02896	0.57	0.05	0.57	88.89
Thallium (ug/L)	MW-501A	21	0.4721	0.2067	0.04512	0.57	0.045	0.57	80.95
Thallium (ug/L)	MW-605	15	0.5717	0.05839	0.01508	0.57	0.429	0.737	86.67
Thallium (ug/L)	MW-604	15	0.57	0	0	0.57	0.57	0.57	100
Total Suspended Solids (mg/L)	MW-102A	22	35.13	19.36	4.128	30.9	9.75	81	0
Total Suspended Solids (mg/L)	OW-301A	19	9.31	16.15	3.705	3.5	0.75	73	0
Total Suspended Solids (mg/L)	MW-201A	24	5.216	7.267	1.483	3.375	0.875	34	4.167
Total Suspended Solids (mg/L)	MW-103A	23	2.67	4.401	0.9177	1.39	0.625	22.3	26.09
Total Suspended Solids (mg/L)	MW-114AR	21	3.825	7.196	1.57	1.5	0.75	34.1	19.05
Total Suspended Solids (mg/L)	MW-120AR (bg)	23	7.483	6.92	1.443	6.3	0.329	32.3	4.348
Total Suspended Solids (mg/L)	P-105B	22	1.388	0.3555	0.0758	1.39	0.75	2.38	45.45
Total Suspended Solids (mg/L)	MW-504A (bg)	5	4.86	3.362	1.503	5.41	1.13	8.13	0
Total Suspended Solids (mg/L)	P-108B	20	1.395	0.4491	0.1004	1.31	0.75	2.5	55
Total Suspended Solids (mg/L)	MW-403A	24	1.385	0.3827	0.07812	1.31	0.75	2.5	50
Total Suspended Solids (mg/L)	P-114BR	22	2.22	2.373	0.506	1.31	0.625	11.3	68.18
Total Suspended Solids (mg/L)	MW-204A	22	3.337	4.374	0.9326	2.065	1	22.2	22.73
Total Suspended Solids (mg/L)	P-120B (bg)	22	2.242	1.285	0.274	2	0.695	5.63	9.091
Total Suspended Solids (mg/L)	MW-137A	23	3.17	2.928	0.6105	1.63	0.875	12	21.74
Total Suspended Solids (mg/L)	MW-202A	24	9.397	8.393	1.713	6.315	1.63	35.5	0
Total Suspended Solids (mg/L)	MW-401A	28	11.21	19.29	3.646	3.935	1.75	100	0
Total Suspended Solids (mg/L)	MW-402A	22	7.61	7.861	1.676	5.3	0.6	38.5	9.091
Total Suspended Solids (mg/L)	OW-306AR	14	47.56	56.77	15.17	30.4	3.63	228	0
Total Suspended Solids (mg/L)	MW-109ARR	22	23.26	28.3	6.034	12.7	0.81	109	4.545
Total Suspended Solids (mg/L)	MW-502A	22	14.97	15.01	3.199	9.44	1.5	61	0
Total Suspended Solids (mg/L)	MW-404A	25	11.86	13.43	2.686	7.25	0.75	54.2	0
Total Suspended Solids (mg/L)	P-504B (bg)	15	35.69	25.36	6.547	25.1	3.63	87	0
Total Suspended Solids (mg/L)	P-503B (bg)	20	43.8	91.59	20.48	10.75	1.38	384	0
Total Suspended Solids (mg/L)	MW-108AR	19	41.7	153.2	35.15	4.13	0.6	674	10.53
Total Suspended Solids (mg/L)	MW-505A (bg)	18	7.806	13.12	3.092	2.315	0.75	43	16.67
Total Suspended Solids (mg/L)	MW-501A	25	26.06	19.58	3.915	18.9	3.87	86	0
Total Suspended Solids (mg/L)	MW-605	20	4.968	7.433	1.662	2.19	1.25	31.9	20
Total Suspended Solids (mg/L)	MW-604	19	1.797	1.103	0.2531	1.31	0.75	4.88	21.05
Vanadium (ug/L)	MW-102A	22	1.627	0.2398	0.05113	1.7	0.744	1.7	90.91
Vanadium (ug/L)	OW-301A	19	1.501	0.5611	0.1287	1.7	0.681	3.25	52.63
Vanadium (ug/L)	MW-201A	24	1.497	0.6138	0.1253	1.7	0.474	3.44	66.67
Vanadium (ug/L)	MW-103A	24	1.704	0.4266	0.08708	1.7	0.298	3.19	91.67
Vanadium (ug/L)	MW-114AR	22	1.614	0.5262	0.1122	1.7	0.296	3.06	77.27
Vanadium (ug/L)	MW-120AR (bg)	24	1.7	0	0	1.7	1.7	1.7	100
Vanadium (ug/L)	P-105B	22	1.7	0	0	1.7	1.7	1.7	100
Vanadium (ug/L)	MW-504A (bg)	6	1.421	1.069	0.4366	1.1	0.566	3.56	66.67

Box & Whiskers Plot

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 12:20 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Min.	Max.	%NDs
Vanadium (ug/L)	P-108B	22	1.7	0	0	1.7	1.7	1.7	100
Vanadium (ug/L)	MW-403A	22	1.481	0.4128	0.088	1.7	0.467	1.7	72.73
Vanadium (ug/L)	P-114BR	22	1.702	0.433	0.09232	1.7	0.314	3.12	90.91
Vanadium (ug/L)	MW-204A	24	1.654	0.3262	0.06659	1.7	0.544	2.49	87.5
Vanadium (ug/L)	P-120B (bg)	22	1.7	0	0	1.7	1.7	1.7	100
Vanadium (ug/L)	MW-137A	23	1.652	0.5028	0.1048	1.7	0.273	3.31	82.61
Vanadium (ug/L)	MW-202A	24	1.567	0.624	0.1274	1.7	0.353	3.67	75
Vanadium (ug/L)	MW-401A	23	1.716	0.6191	0.1291	1.7	0.533	4.24	78.26
Vanadium (ug/L)	MW-402A	22	1.825	0.5608	0.1196	1.7	1.21	4.24	81.82
Vanadium (ug/L)	OW-306AR	15	1.966	0.9961	0.2572	1.8	0.99	3.78	40
Vanadium (ug/L)	MW-109ARR	22	1.699	0.4371	0.0932	1.7	0.277	3.11	90.91
Vanadium (ug/L)	MW-502A	21	1.583	0.3101	0.06767	1.7	0.532	1.71	80.95
Vanadium (ug/L)	MW-404A	22	1.609	0.4568	0.09739	1.7	0.261	2.86	77.27
Vanadium (ug/L)	P-504B (bg)	15	1.584	0.4626	0.1194	1.7	0.397	2.32	80
Vanadium (ug/L)	P-503B (bg)	20	1.19	0.6269	0.1402	1.1	0.28	3.09	70
Vanadium (ug/L)	MW-108AR	19	1.803	0.7183	0.1648	1.7	0.27	4.32	84.21
Vanadium (ug/L)	MW-505A (bg)	18	1.534	0.4194	0.09884	1.7	0.342	1.7	83.33
Vanadium (ug/L)	MW-501A	21	1.555	0.3375	0.07365	1.7	0.465	1.72	76.19
Vanadium (ug/L)	MW-605	15	1.7	0	0	1.7	1.7	1.7	100
Vanadium (ug/L)	MW-604	15	1.7	0	0	1.7	1.7	1.7	100
Zinc (ug/L)	MW-102A	22	13	0	0	13	13	13	100
Zinc (ug/L)	OW-301A	19	12.86	0.5965	0.1368	13	10.4	13	94.74
Zinc (ug/L)	MW-201A	24	12.87	0.6328	0.1292	13	9.9	13	95.83
Zinc (ug/L)	MW-103A	24	13	0	0	13	13	13	100
Zinc (ug/L)	MW-114AR	22	12.75	1.192	0.2541	13	7.41	13	95.45
Zinc (ug/L)	MW-120AR (bg)	24	12.1	6.288	1.284	9.7	9.7	33.4	75
Zinc (ug/L)	P-105B	21	12.48	1.895	0.4136	13	5.81	14.2	85.71
Zinc (ug/L)	MW-504A (bg)	6	10.83	2.041	0.8333	10	10	15	83.33
Zinc (ug/L)	P-108B	22	12.22	3.056	0.6516	13	6.45	22	68.18
Zinc (ug/L)	MW-403A	22	12.93	0.3198	0.06818	13	11.5	13	95.45
Zinc (ug/L)	P-114BR	22	12.73	1.256	0.2677	13	7.11	13	95.45
Zinc (ug/L)	MW-204A	23	12.76	1.202	0.2505	13	7.25	13.2	91.3
Zinc (ug/L)	P-120B (bg)	22	12.58	1.585	0.3379	13	7.45	15.8	77.27
Zinc (ug/L)	MW-137A	23	12.34	2.043	0.426	13	5.87	14.6	82.61
Zinc (ug/L)	MW-202A	24	12.75	1.227	0.2504	13	6.99	13	95.83
Zinc (ug/L)	MW-401A	23	12.68	1.381	0.2879	13	6.39	13	91.3
Zinc (ug/L)	MW-402A	22	13	0	0	13	13	13	100
Zinc (ug/L)	OW-306AR	15	17.15	5.714	1.475	14.9	10.3	33	33.33
Zinc (ug/L)	MW-109ARR	22	12.95	0.6232	0.1329	13	10.5	14.4	90.91
Zinc (ug/L)	MW-502A	21	13	0	0	13	13	13	100
Zinc (ug/L)	MW-404A	22	12.8	0.829	0.1767	13	9.12	13	90.91
Zinc (ug/L)	P-504B (bg)	15	12.53	1.831	0.4727	13	5.91	13	93.33
Zinc (ug/L)	P-503B (bg)	20	13.19	0.8273	0.185	13	13	16.7	95
Zinc (ug/L)	MW-108AR	19	12.31	1.972	0.4523	13	6.11	13	84.21
Zinc (ug/L)	MW-505A (bg)	18	13	0	0	13	13	13	100
Zinc (ug/L)	MW-501A	21	12.33	1.755	0.3829	13	7.17	13	85.71
Zinc (ug/L)	MW-605	15	13	0	0	13	13	13	100
Zinc (ug/L)	MW-604	15	13	0	0	13	13	13	100

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Monitoring Wells – Appendix I Metals

Trend Analysis

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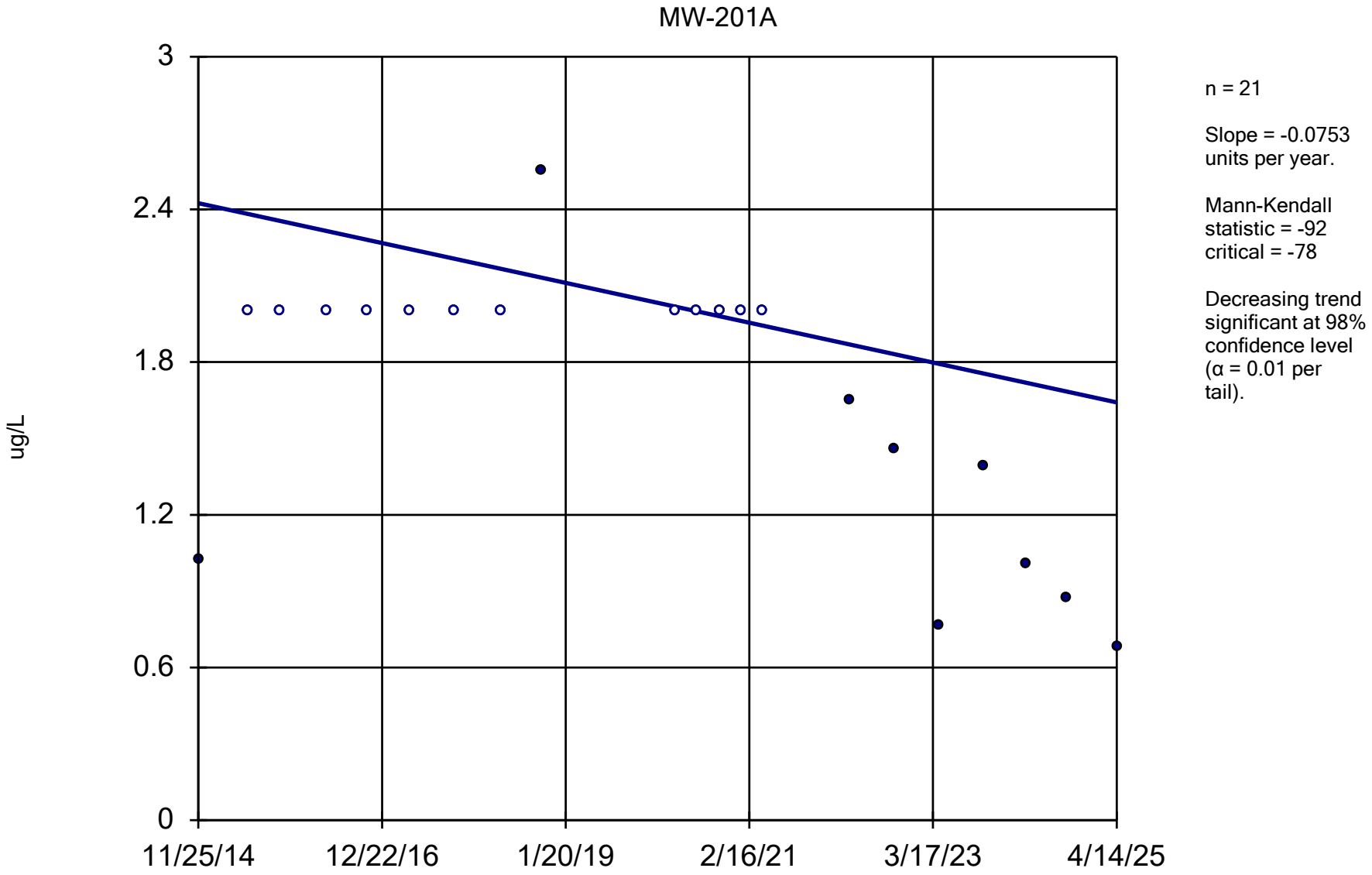
Hollow symbols indicate censored values.

Sen's Slope Estimator



Constituent: Arsenic Analysis Run 6/12/2025 12:21 PM View: All Wells - Appendix I Metals DMASWA

Data: DMASWA Database_Updated

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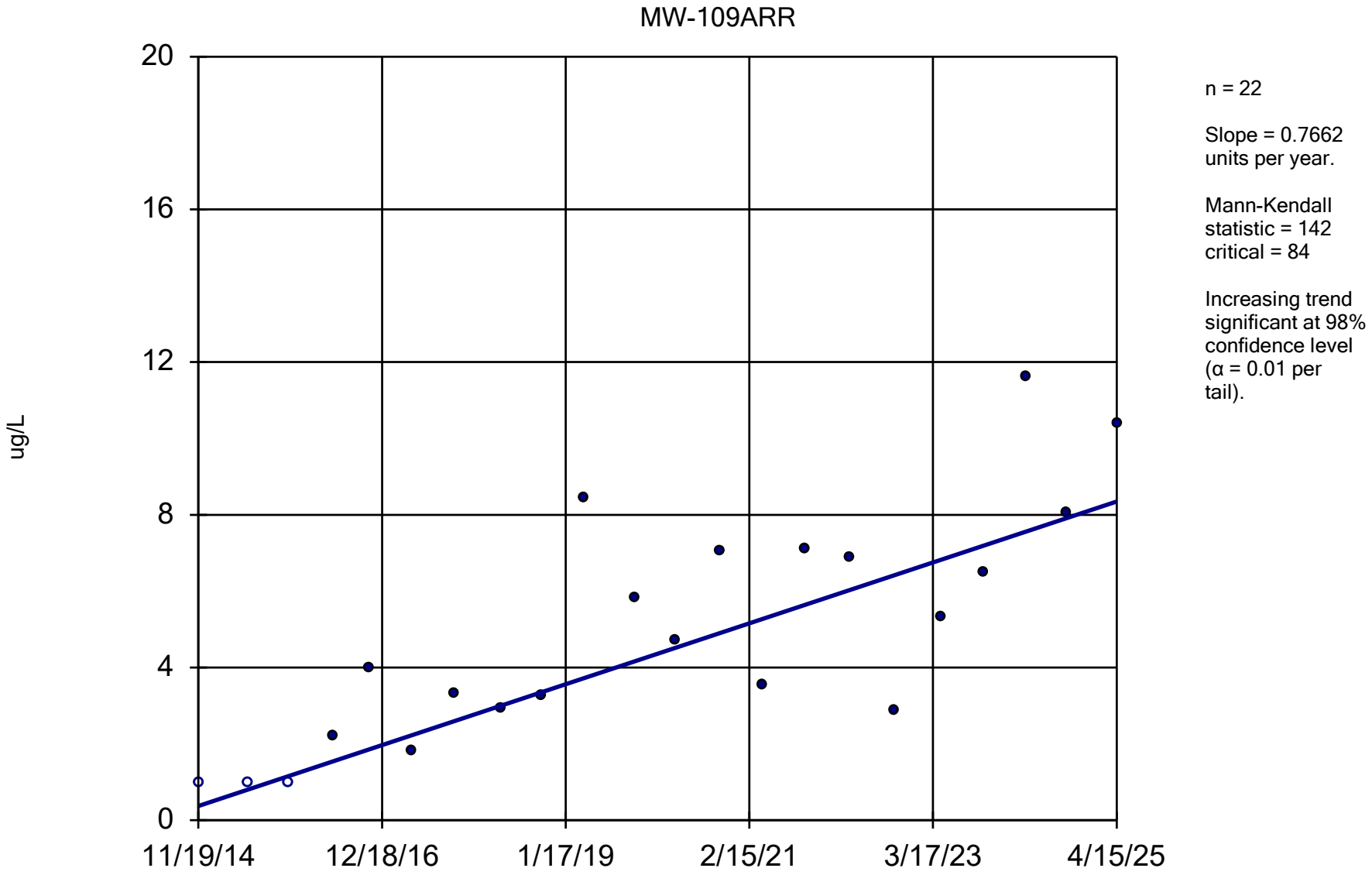
Hollow symbols indicate censored values.

Sen's Slope Estimator



Constituent: Arsenic Analysis Run 6/12/2025 12:21 PM View: All Wells - Appendix I Metals DMASWA Data: DMASWA Database_Updated

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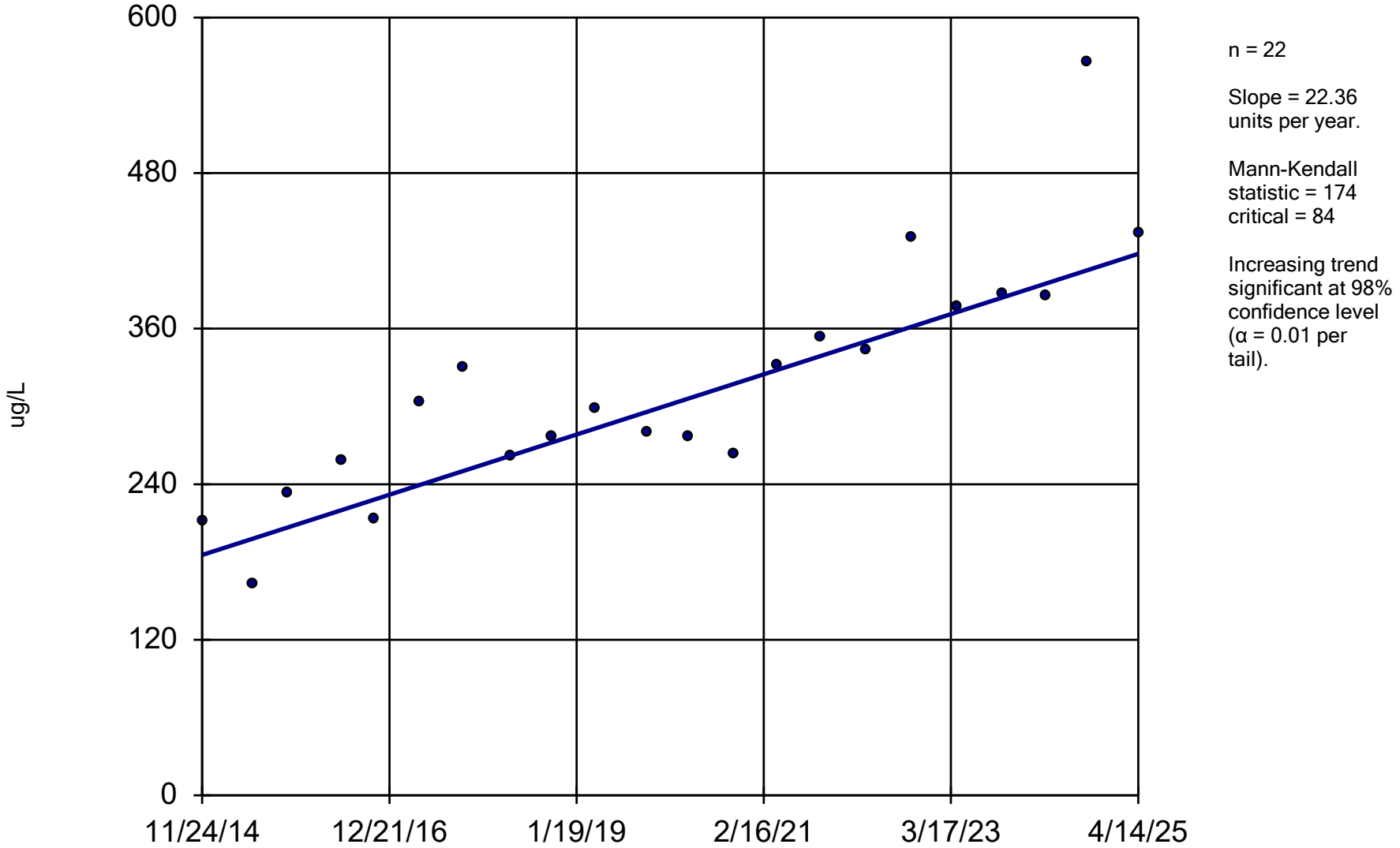
Sen's Slope Estimator

MW-102A



n = 22

Slope = 22.36 units per year.

Mann-Kendall statistic = 174
critical = 84

Increasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Barium Analysis Run 6/12/2025 12:21 PM View: All Wells - Appendix I Metals

DMASWA Data: DMASWA Database_Updated

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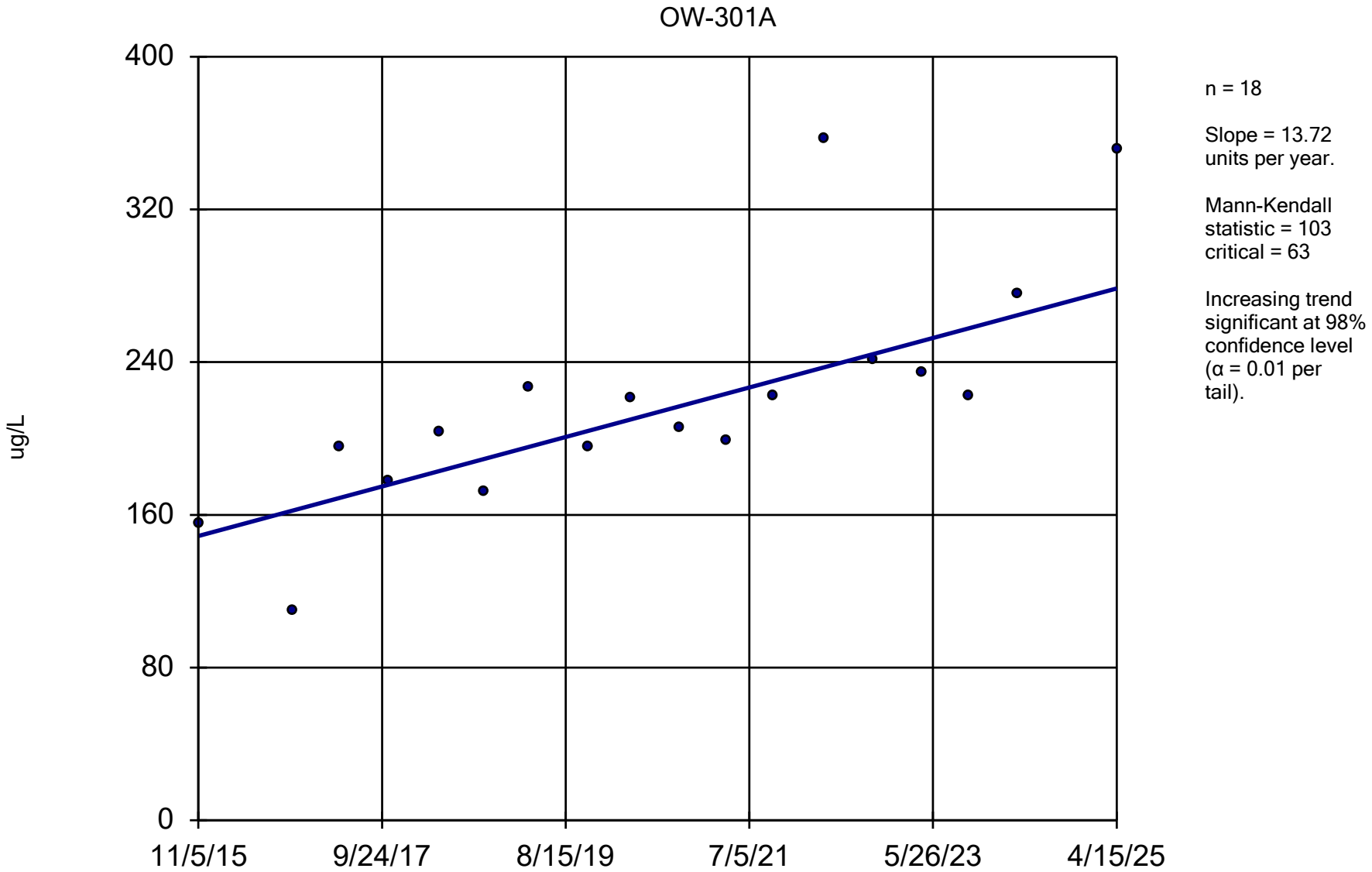
Sen's Slope Estimator



Constituent: Barium Analysis Run 6/12/2025 12:21 PM View: All Wells - Appendix I Metals DMASWA Data: DMASWA Database_Updated

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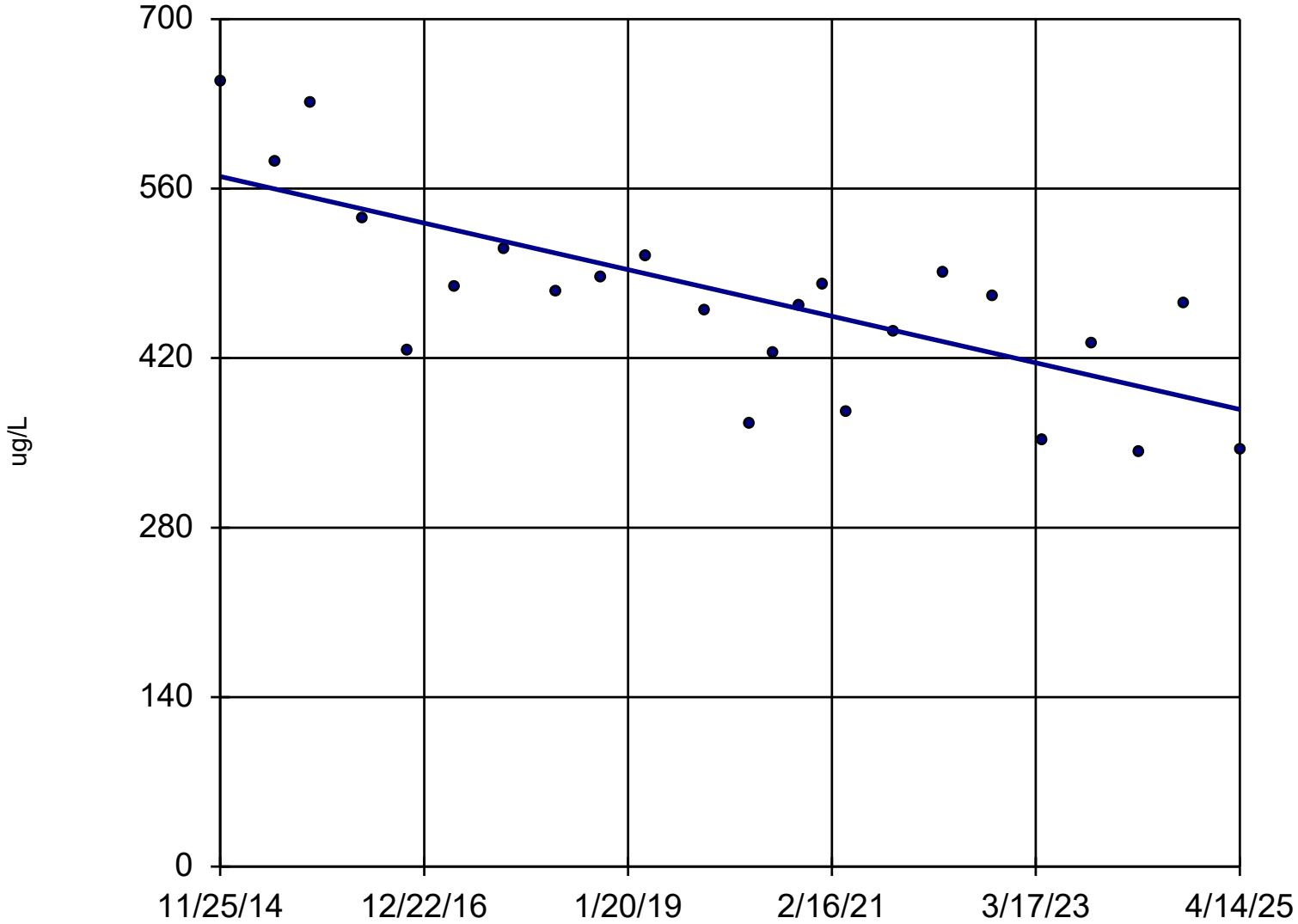
Sen's Slope Estimator

MW-201A



n = 24

Slope = -18.51 units per year.

Mann-Kendall statistic = -148
critical = -95

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Barium Analysis Run 6/12/2025 12:21 PM View: All Wells - Appendix I Metals DMASWA Data: DMASWA Database_Updated

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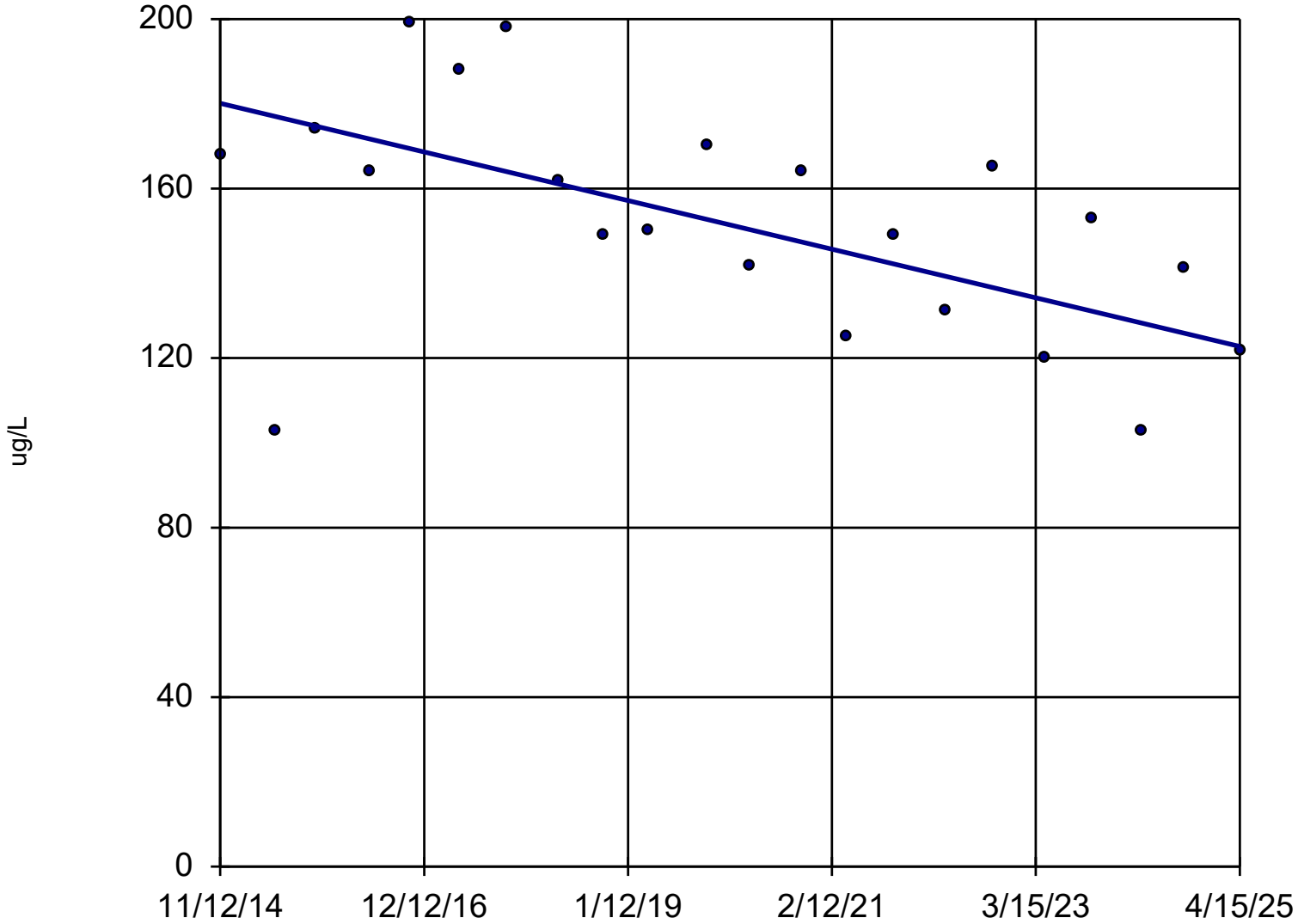
Sen's Slope Estimator

MW-114AR



n = 22

Slope = -5.498 units per year.

Mann-Kendall statistic = -98
critical = -84

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Barium Analysis Run 6/12/2025 12:21 PM View: All Wells - Appendix I Metals DMASWA Data: DMASWA Database_Updated

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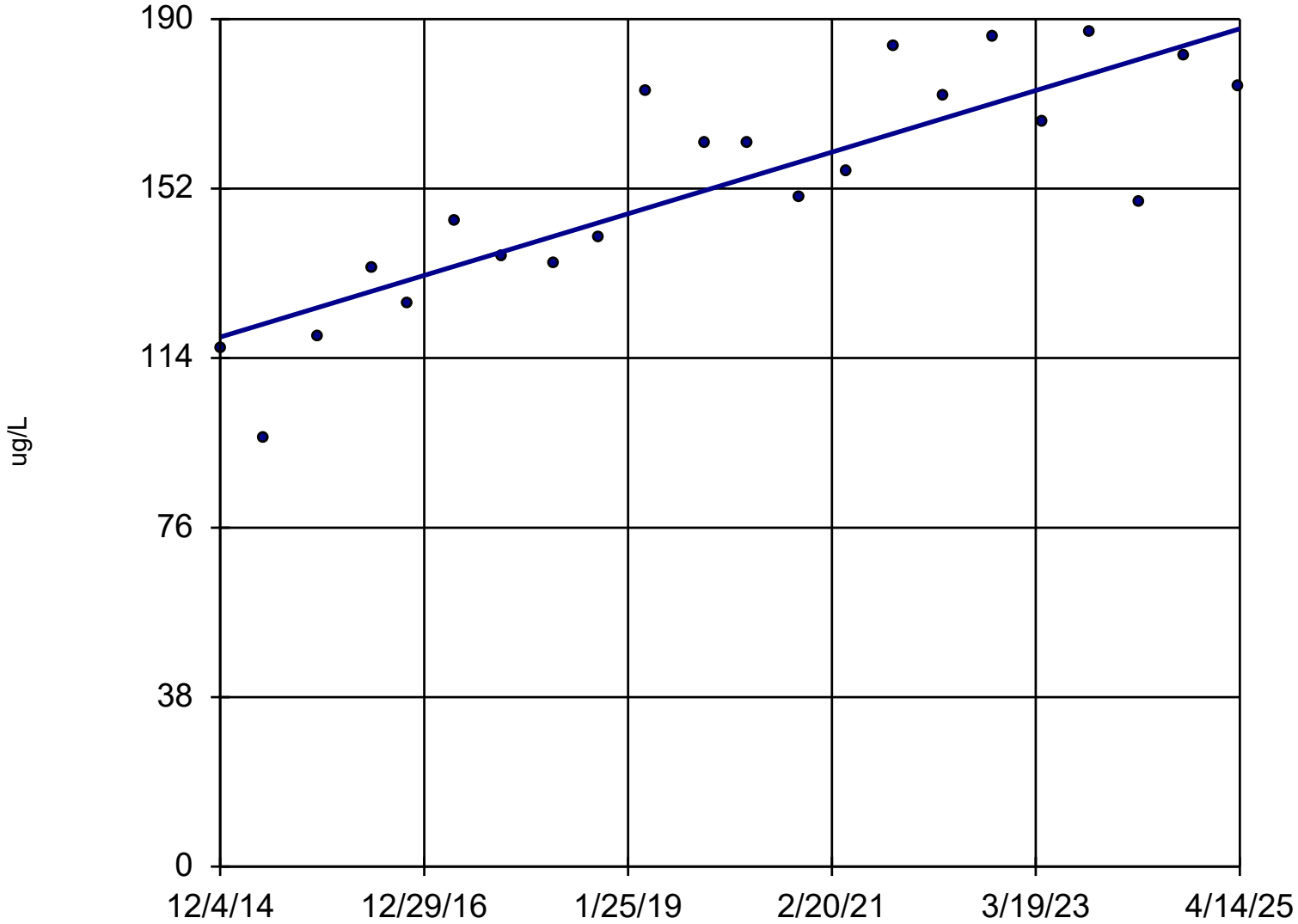
Sen's Slope Estimator

MW-403A



n = 22

Slope = 6.672 units per year.

Mann-Kendall statistic = 156
critical = 84

Increasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Barium Analysis Run 6/12/2025 12:22 PM View: All Wells - Appendix I Metals DMASWA Data: DMASWA Database_Updated

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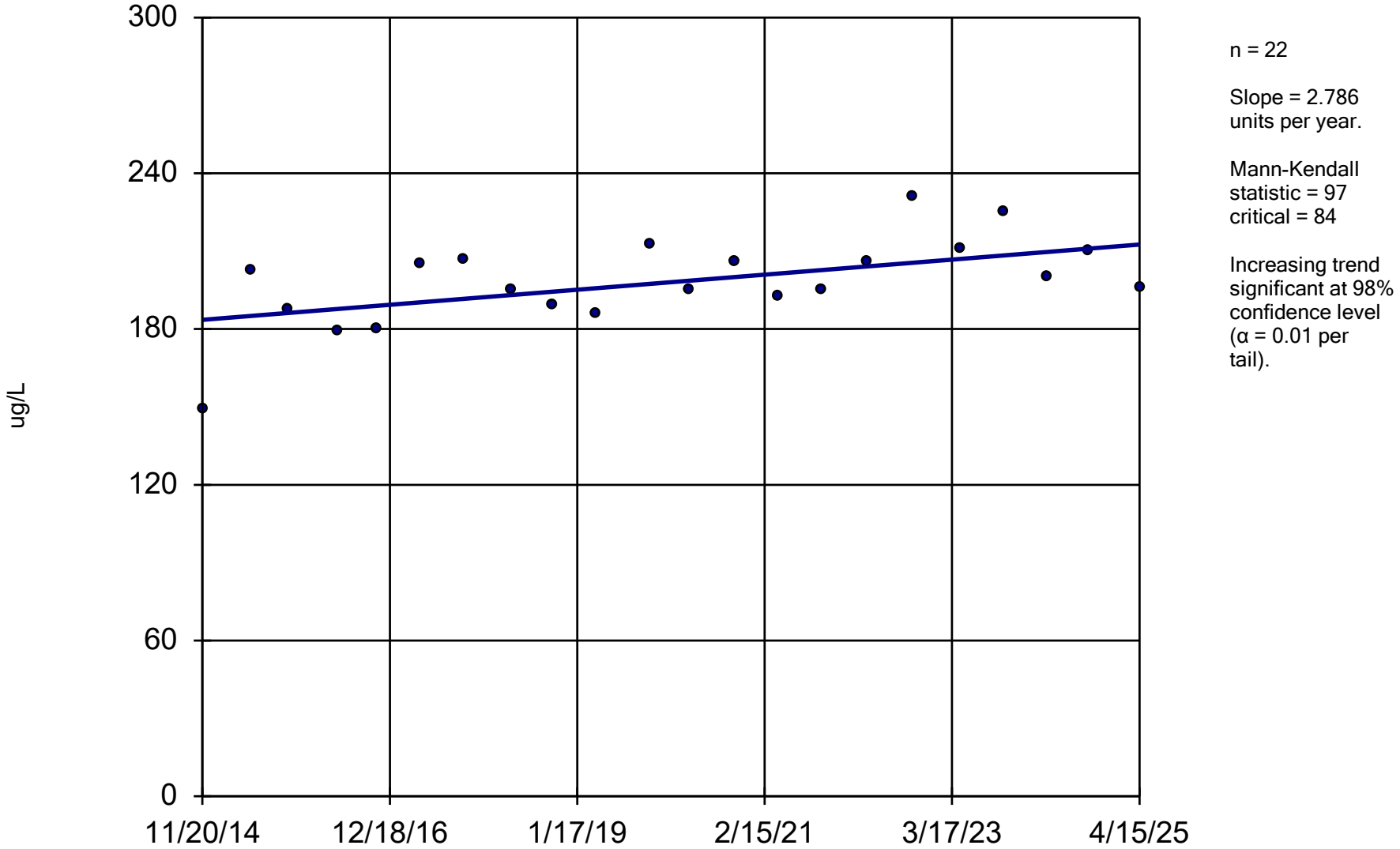
Sen's Slope Estimator

P-114BR



n = 22

Slope = 2.786 units per year.

Mann-Kendall statistic = 97
critical = 84

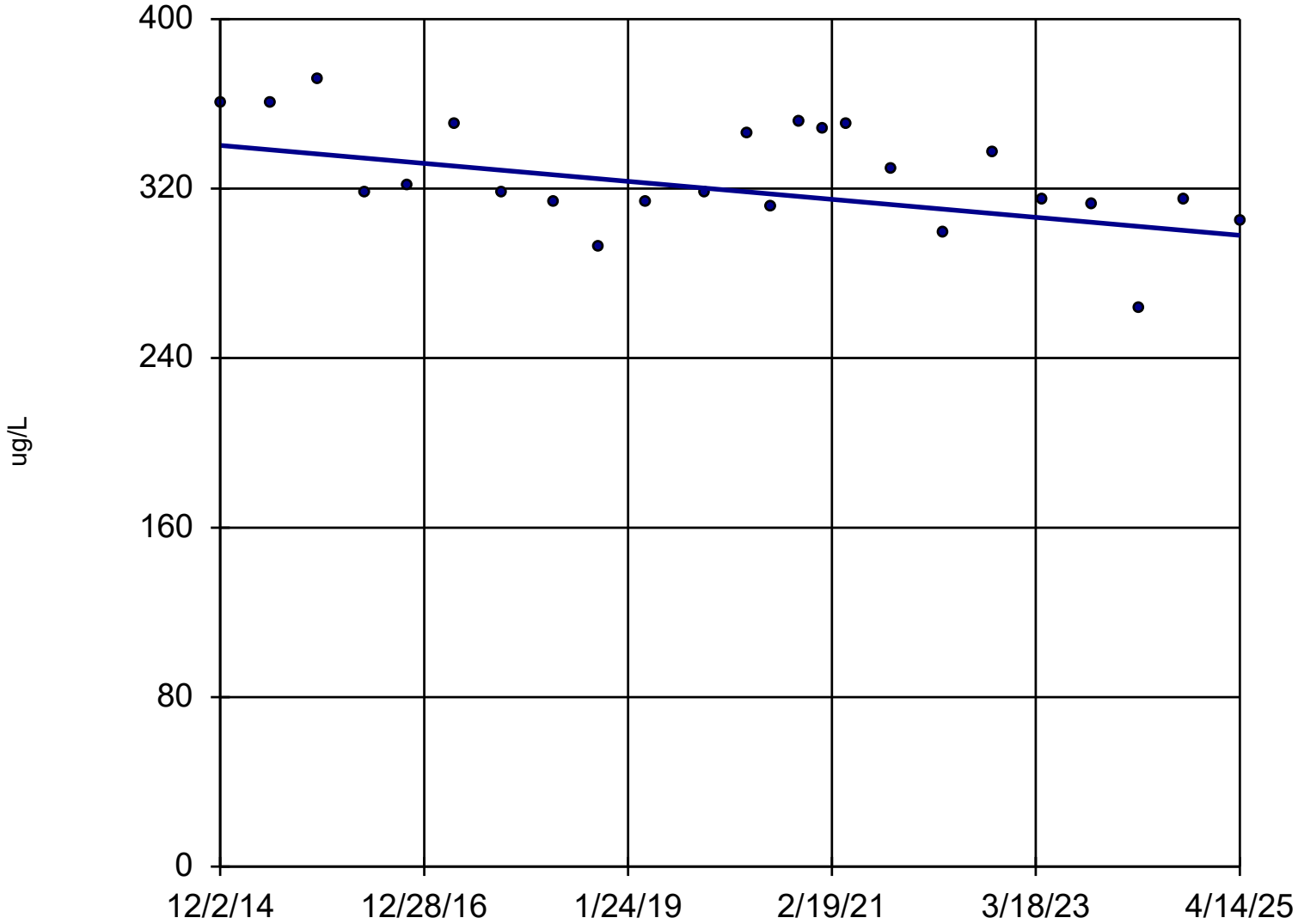
Increasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Barium Analysis Run 6/12/2025 12:22 PM View: All Wells - Appendix I Metals DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG

Sen's Slope Estimator

MW-204A



n = 24

Slope = -4.097 units per year.

Mann-Kendall statistic = -103
critical = -95

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

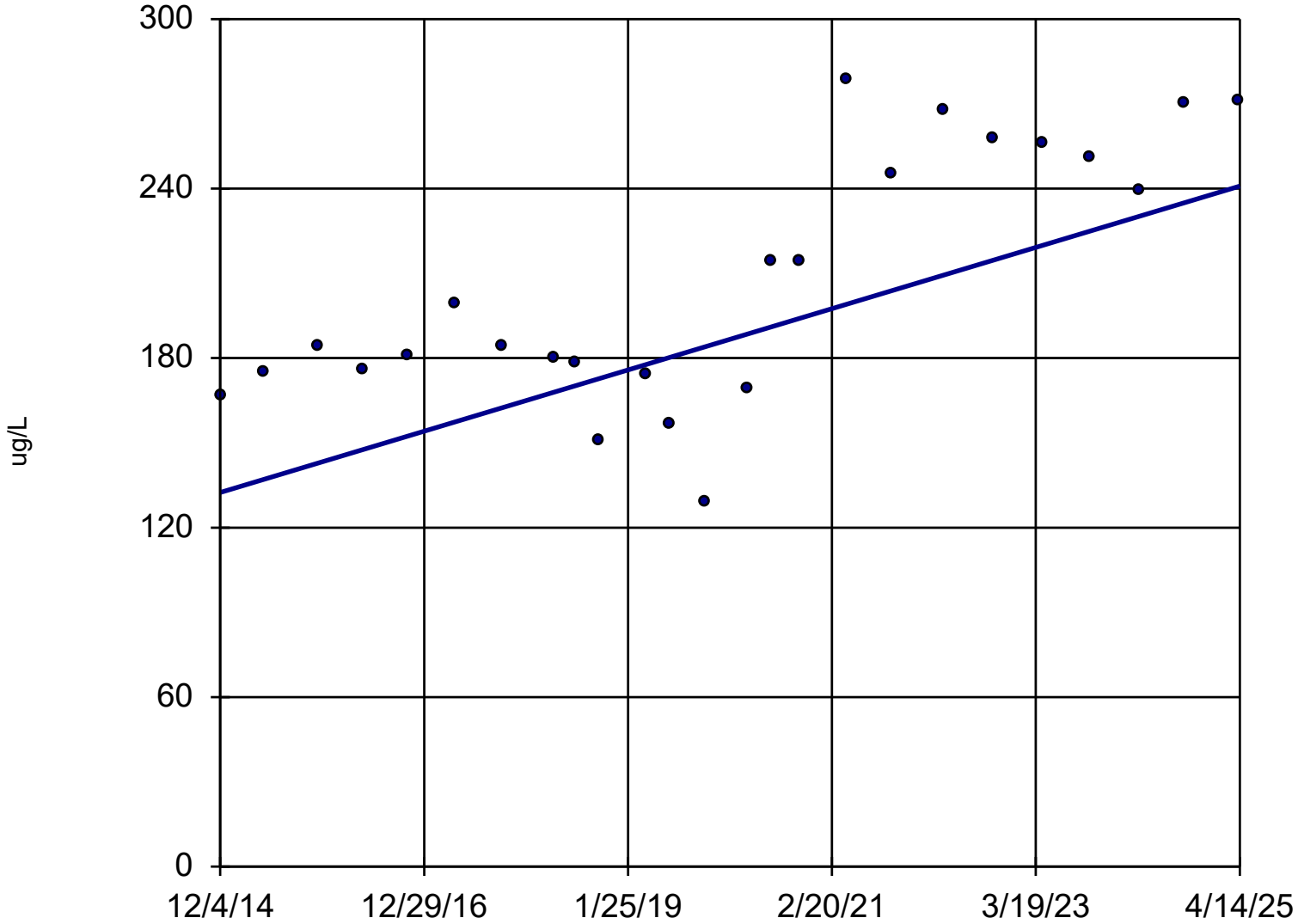
Constituent: Barium Analysis Run 6/12/2025 12:22 PM View: All Wells - Appendix I Metals

DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG

Sen's Slope Estimator

MW-401A



n = 25

Slope = 10.47 units per year.

Mann-Kendall statistic = 140
critical = 101

Increasing trend significant at 98% confidence level (α = 0.01 per tail).

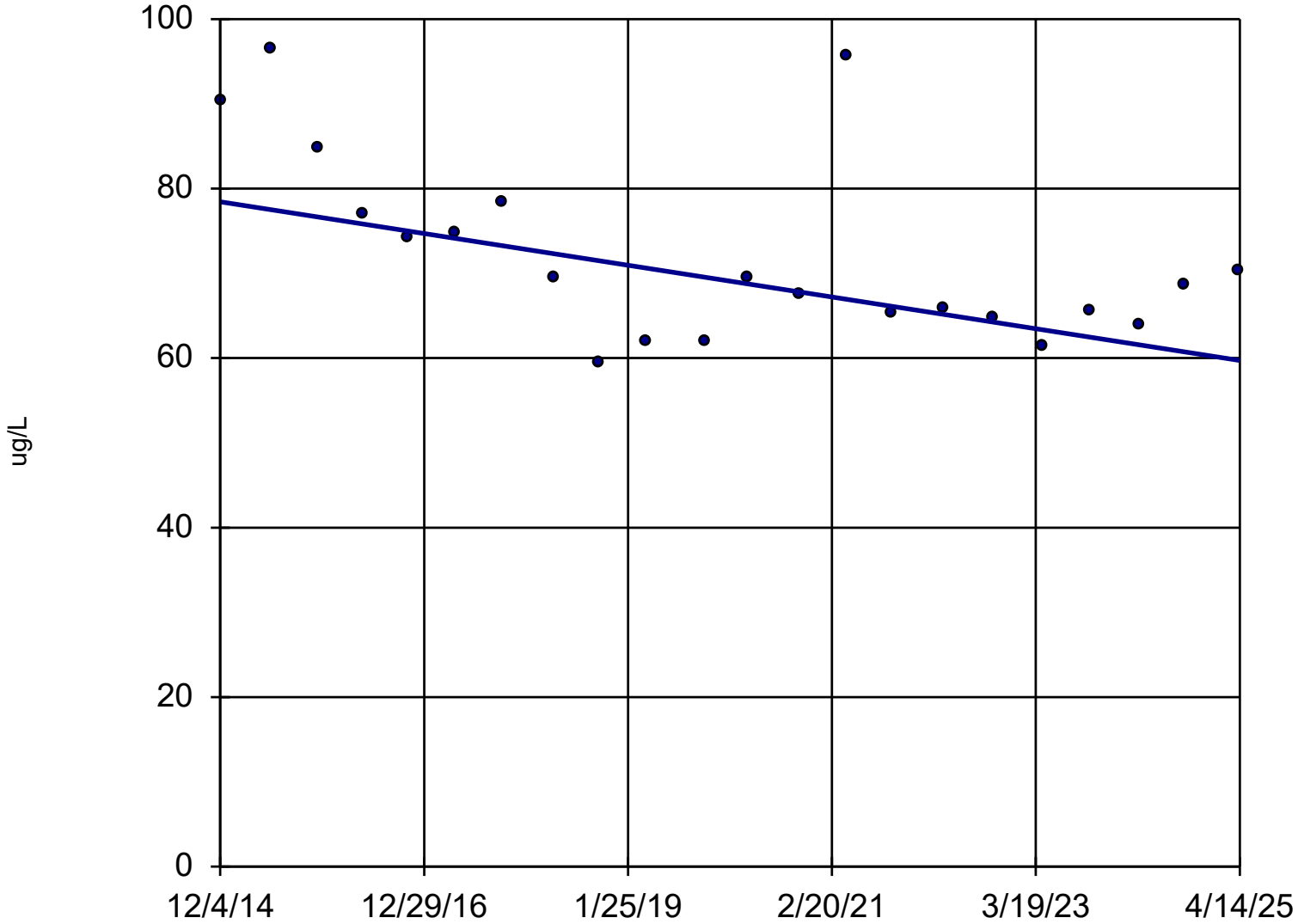
Constituent: Barium Analysis Run 6/12/2025 12:22 PM View: All Wells - Appendix I Metals

DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG

Sen's Slope Estimator

MW-402A



n = 22

Slope = -1.806 units per year.

Mann-Kendall statistic = -90
critical = -84

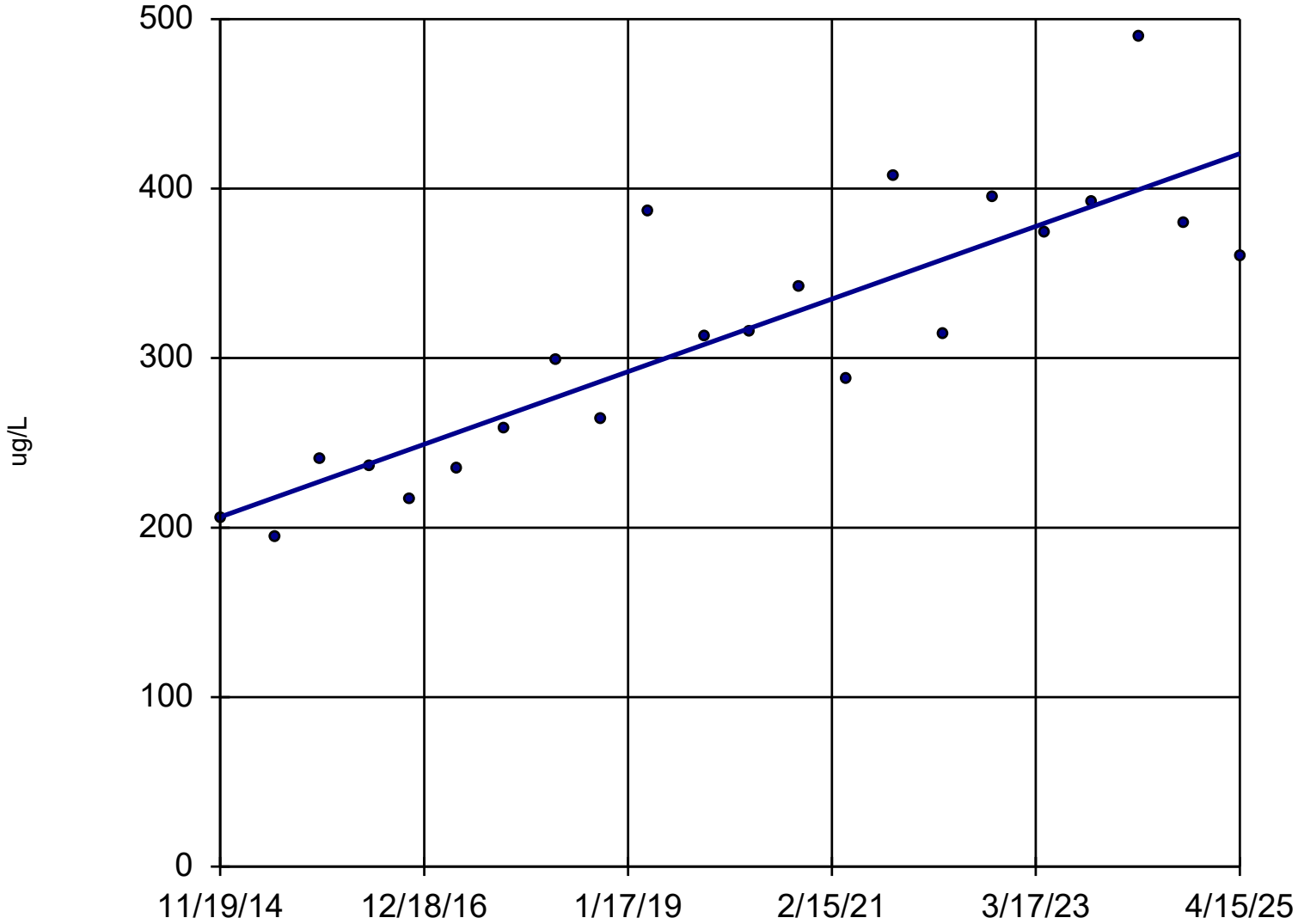
Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Barium Analysis Run 6/12/2025 12:22 PM View: All Wells - Appendix I Metals DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG

Sen's Slope Estimator

MW-109ARR



n = 22

Slope = 20.59 units per year.

Mann-Kendall statistic = 157
critical = 84

Increasing trend significant at 98% confidence level (α = 0.01 per tail).

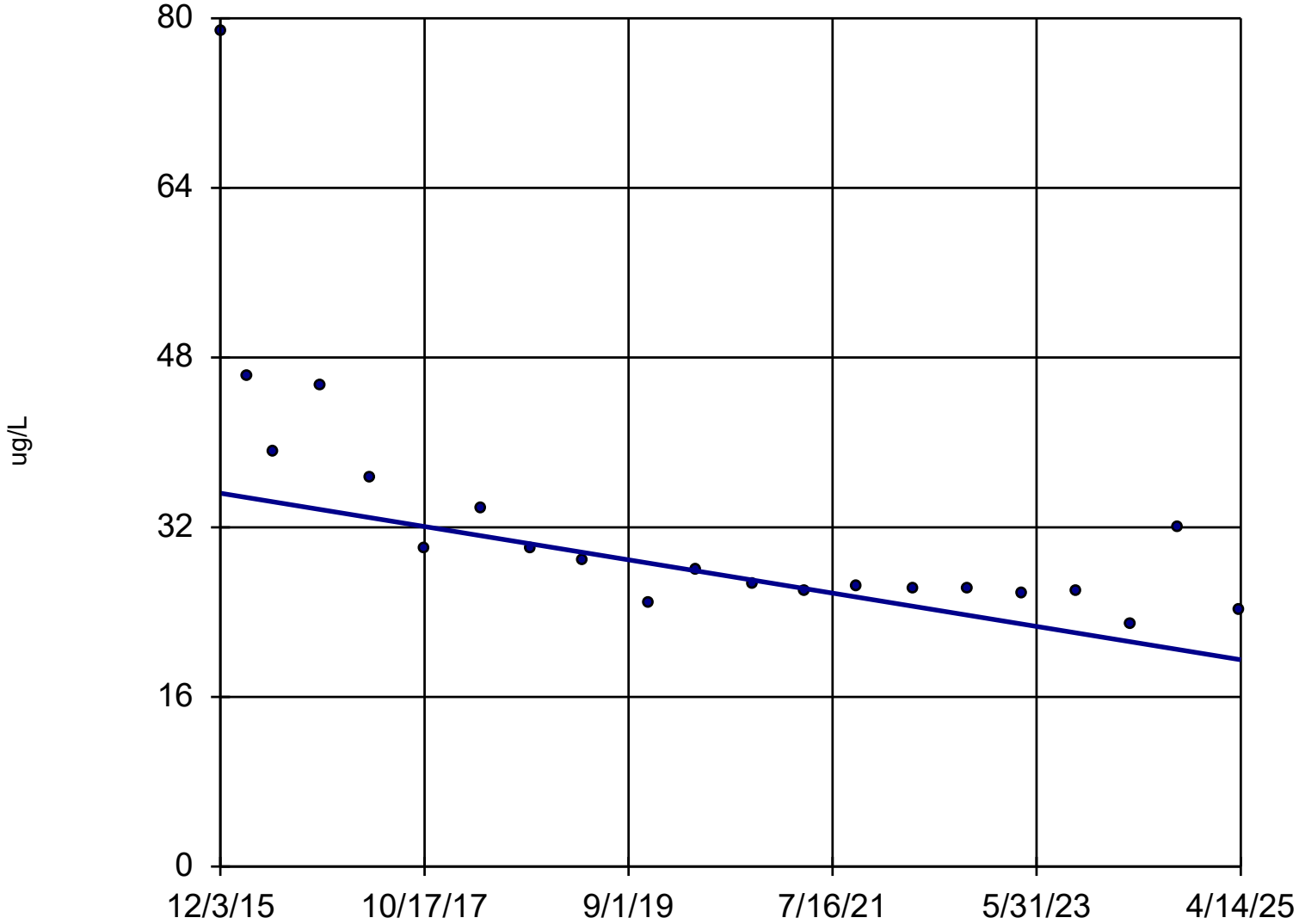
Constituent: Barium Analysis Run 6/12/2025 12:22 PM View: All Wells - Appendix I Metals

DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG

Sen's Slope Estimator

MW-502A



n = 21

Slope = -1.677 units per year.

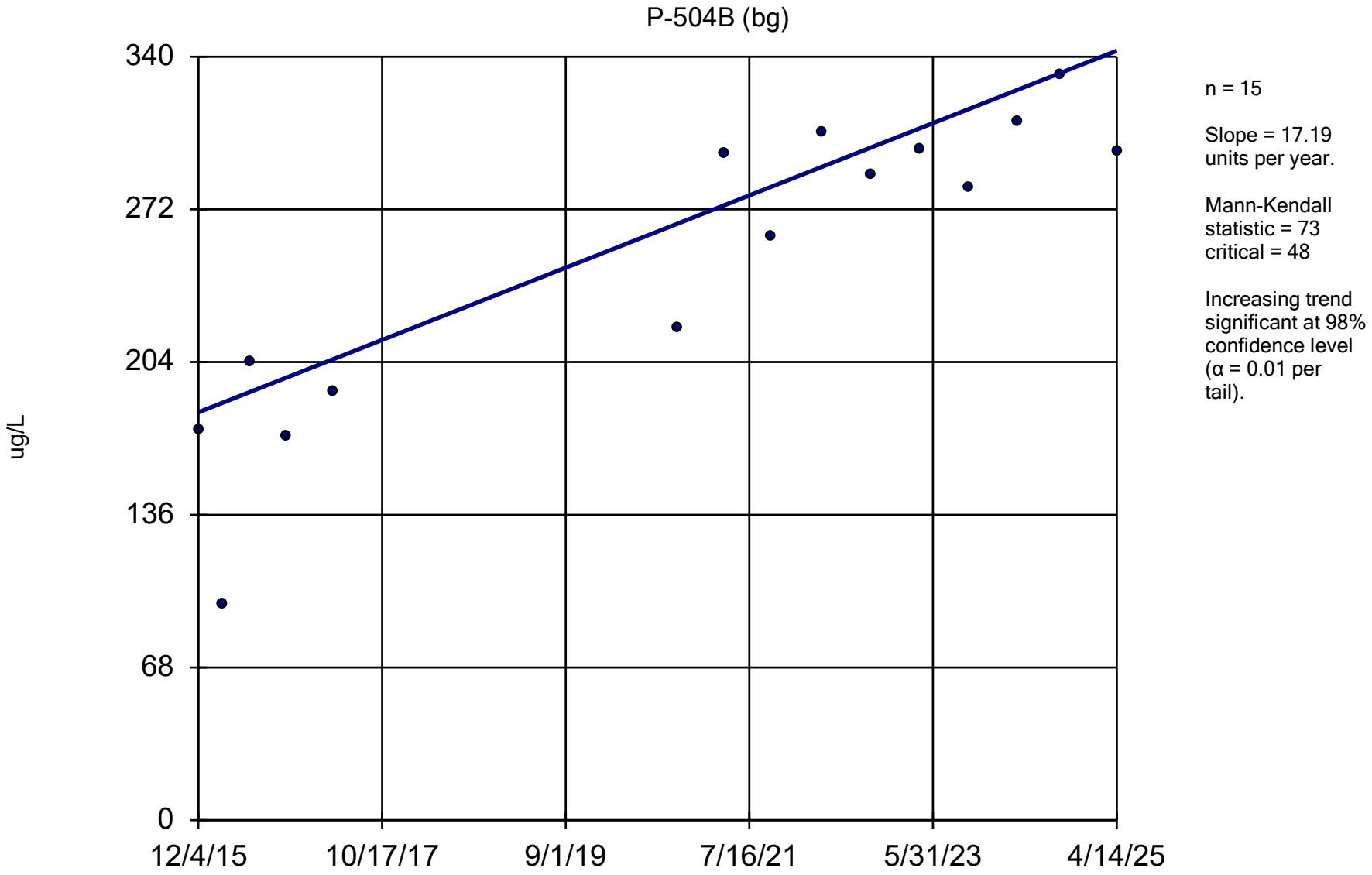
Mann-Kendall statistic = -152
critical = -78

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Barium Analysis Run 6/12/2025 12:22 PM View: All Wells - Appendix I Metals DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG

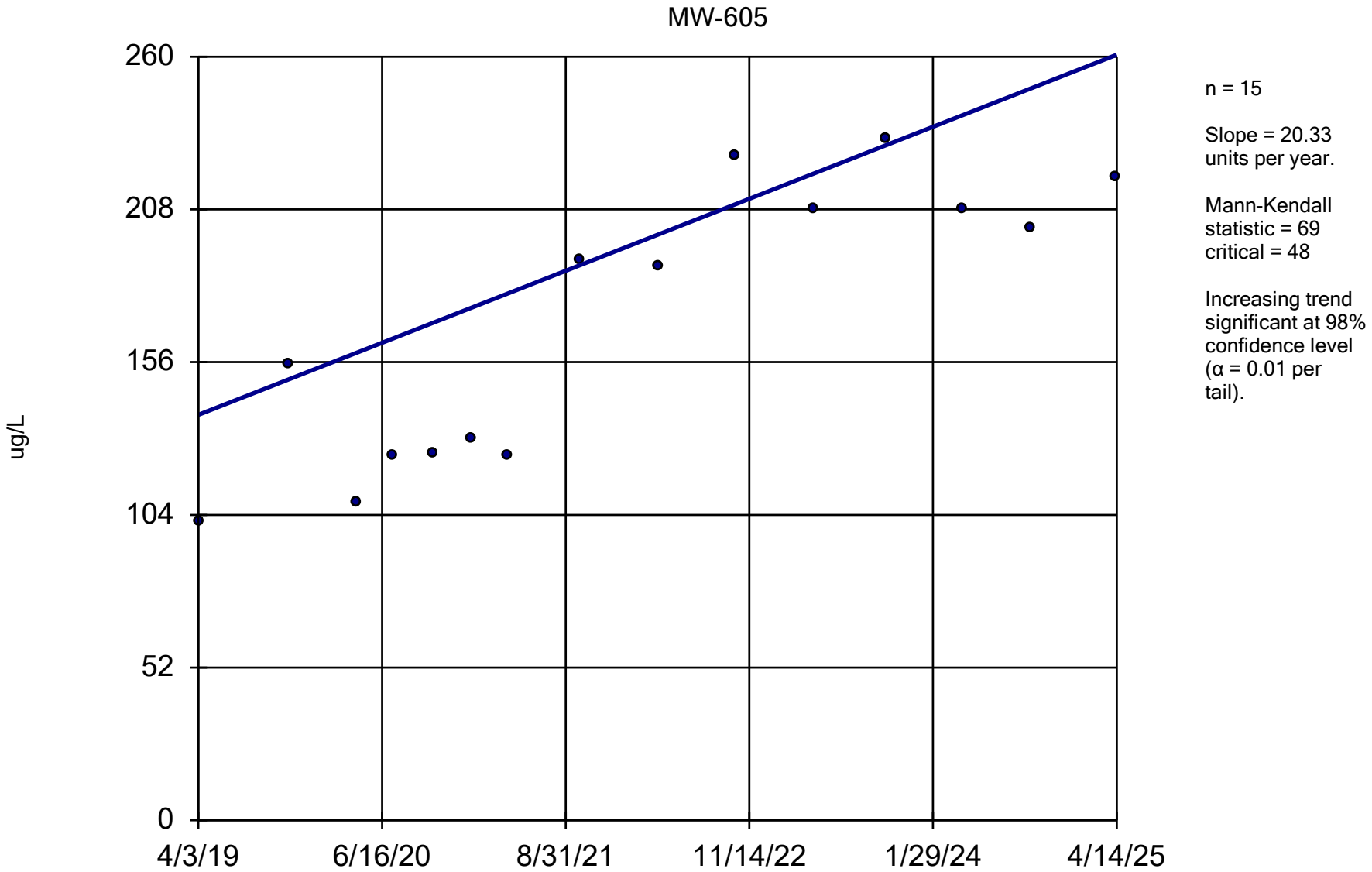
Sen's Slope Estimator



Constituent: Barium Analysis Run 6/12/2025 12:22 PM View: All Wells - Appendix I Metals DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG

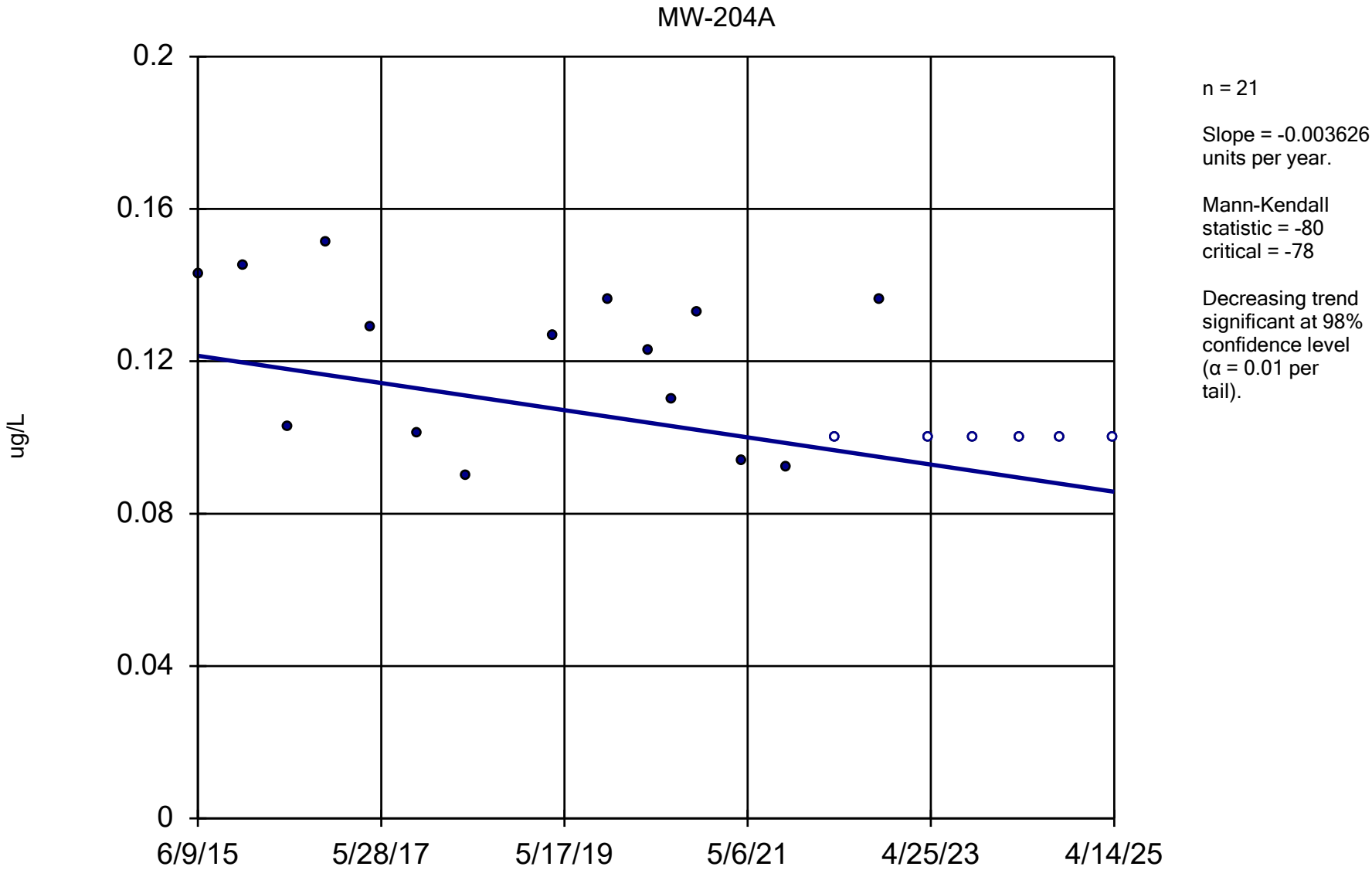
Sen's Slope Estimator



Constituent: Barium Analysis Run 6/12/2025 12:22 PM View: All Wells - Appendix I Metals DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator



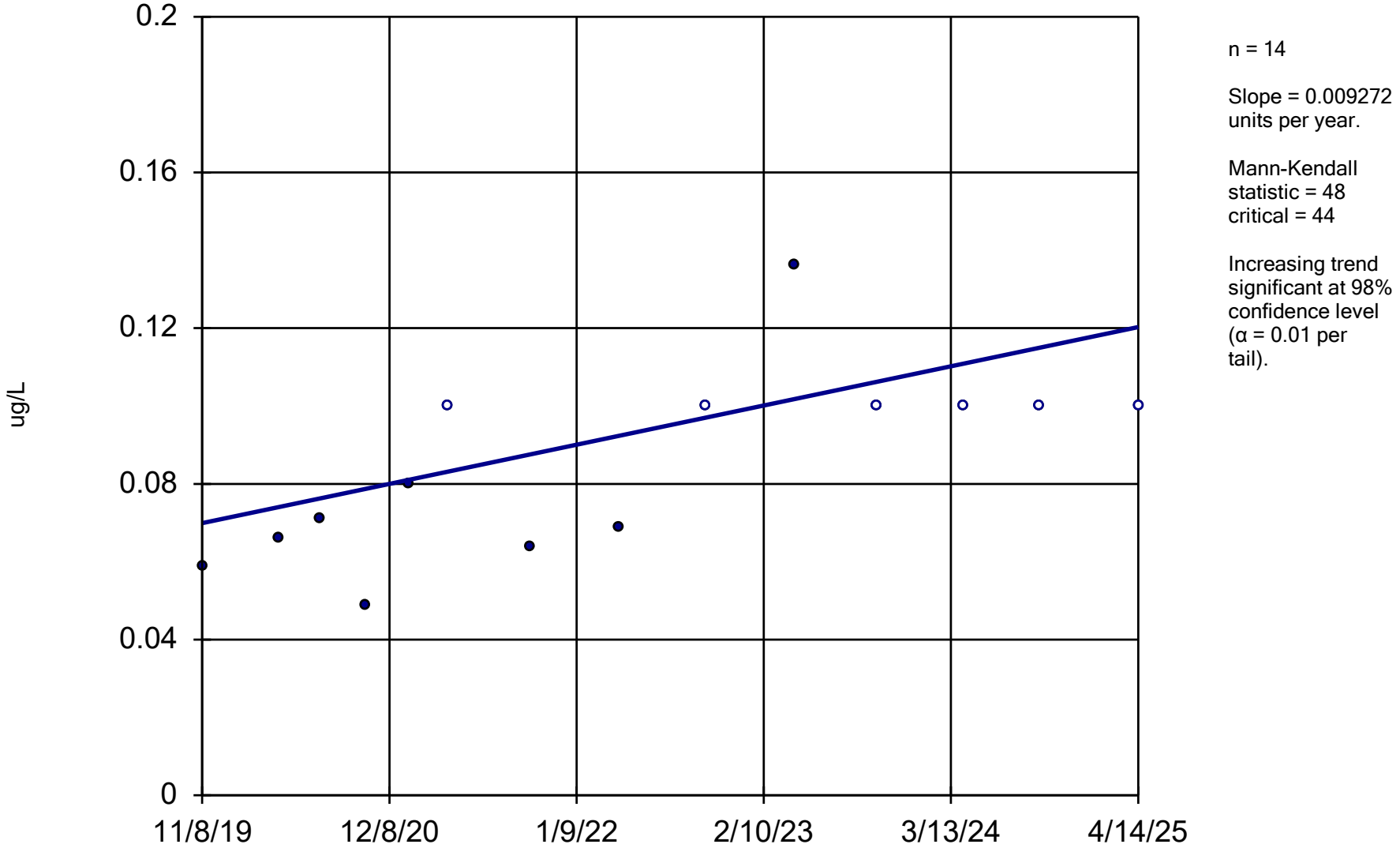
Constituent: Cadmium Analysis Run 6/12/2025 12:22 PM View: All Wells - Appendix I Metals

DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-605



n = 14

Slope = 0.009272 units per year.

Mann-Kendall statistic = 48
critical = 44

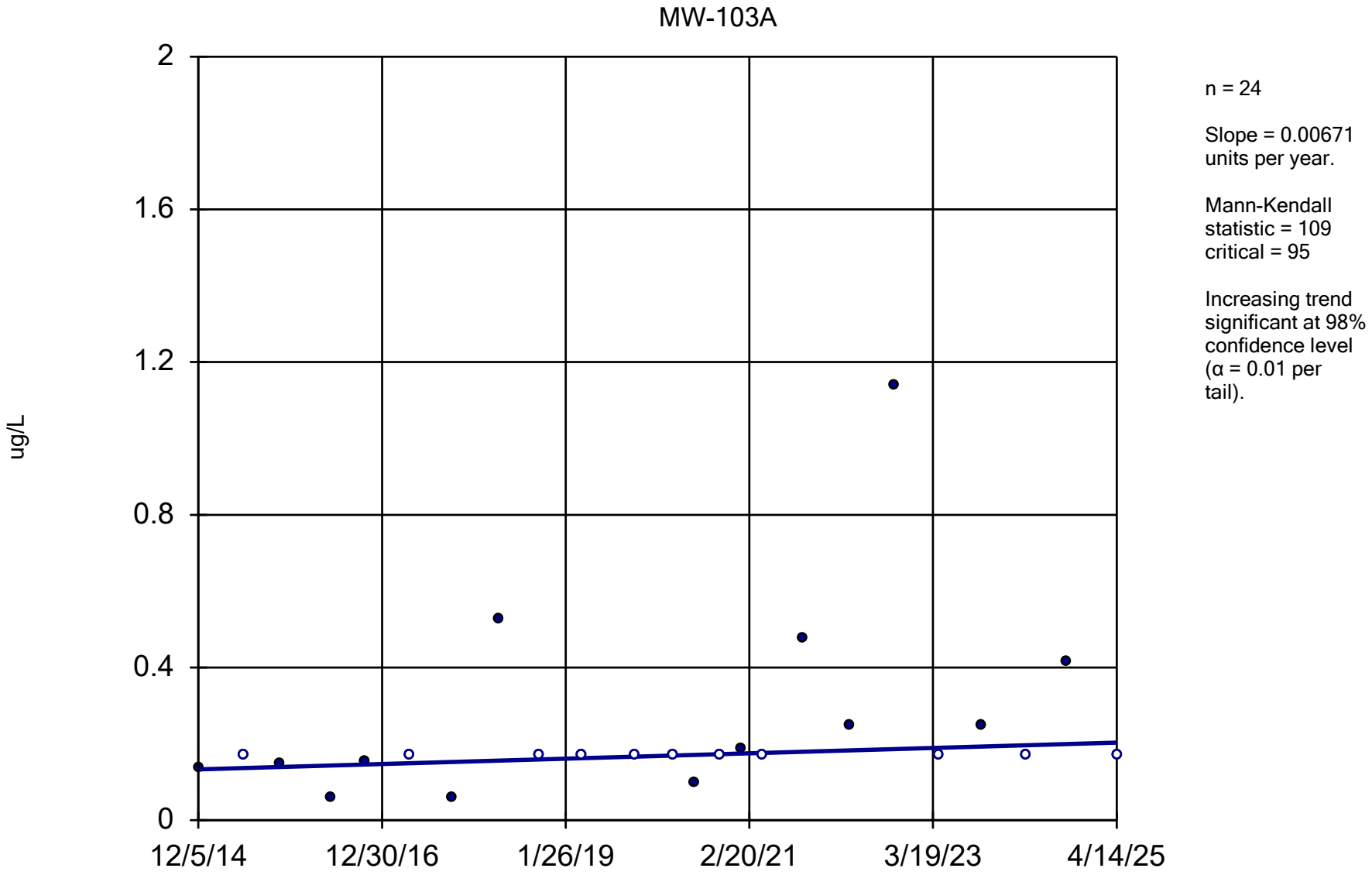
Increasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Cadmium Analysis Run 6/12/2025 12:22 PM View: All Wells - Appendix I Metals

DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

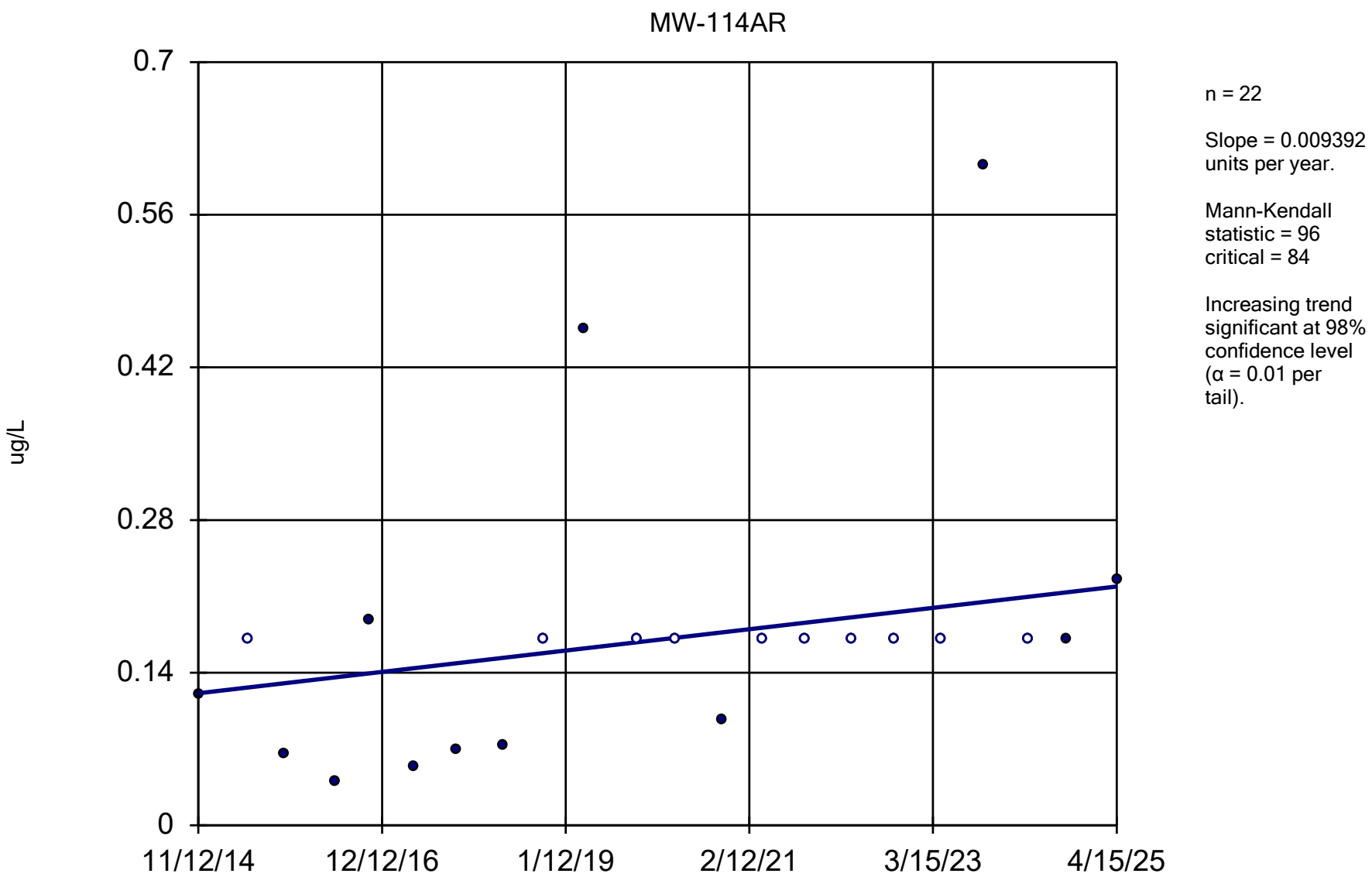
Sen's Slope Estimator



Constituent: Cobalt Analysis Run 6/12/2025 12:23 PM View: All Wells - Appendix I Metals DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

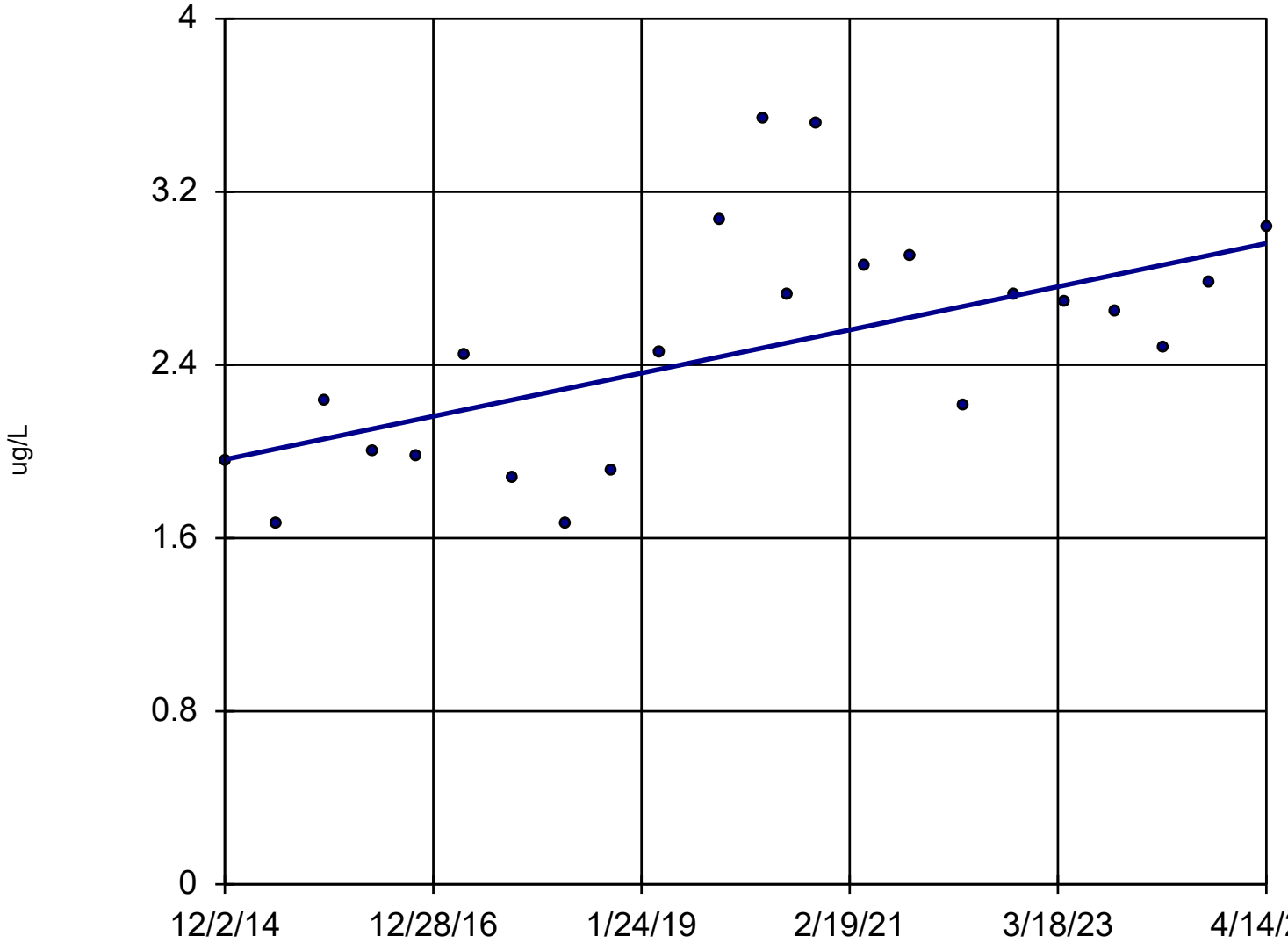


Constituent: Cobalt Analysis Run 6/12/2025 12:23 PM View: All Wells - Appendix I Metals DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG

Sen's Slope Estimator

MW-204A



n = 23

Slope = 0.09632 units per year.

Mann-Kendall statistic = 101
critical = 89

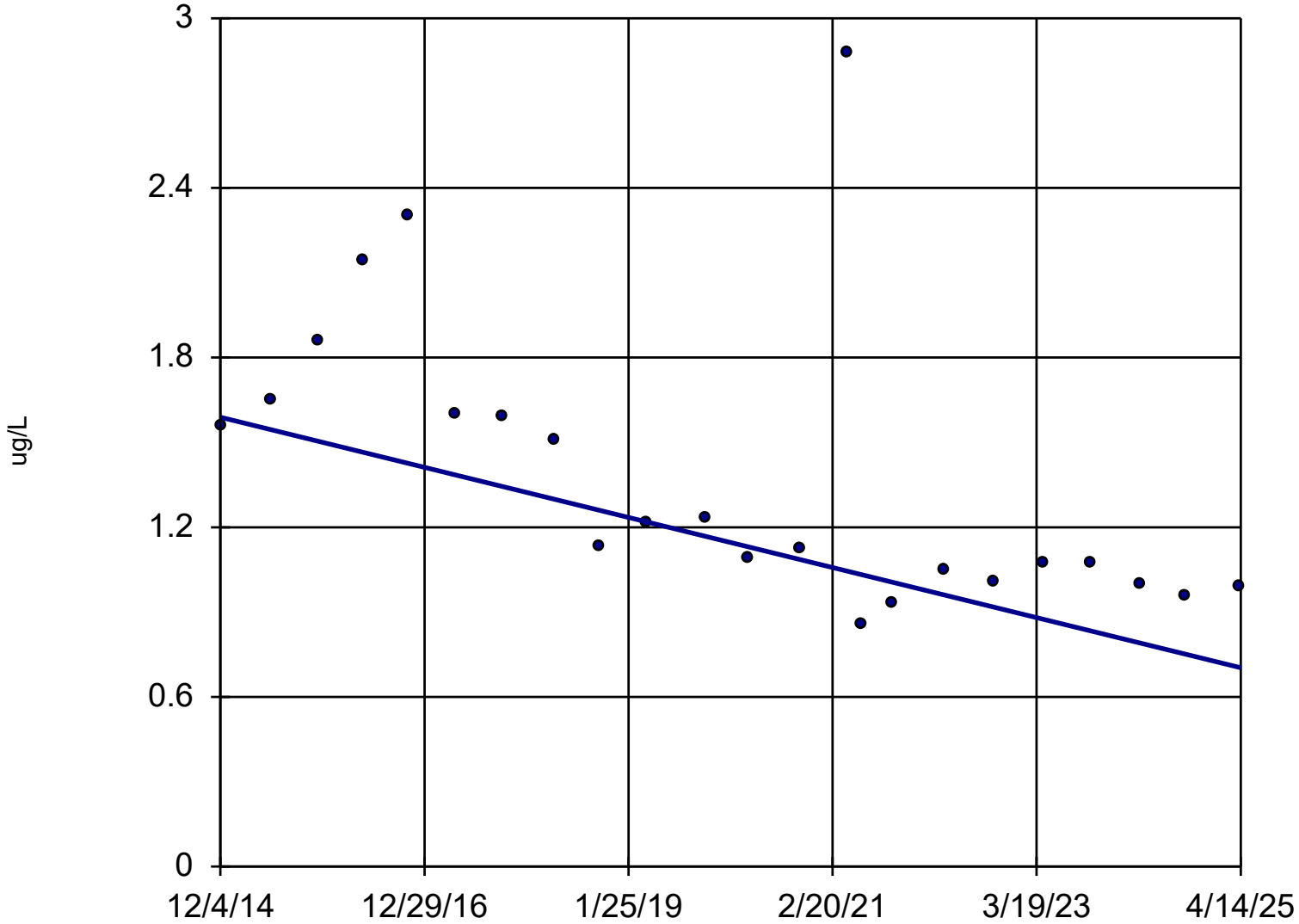
Increasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Cobalt Analysis Run 6/12/2025 12:23 PM View: All Wells - Appendix I Metals DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG

Sen's Slope Estimator

MW-402A



n = 23

Slope = -0.08551 units per year.

Mann-Kendall statistic = -154
critical = -89

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Cobalt Analysis Run 6/12/2025 12:23 PM View: All Wells - Appendix I Metals DMASWA Data: DMASWA Database_Updated

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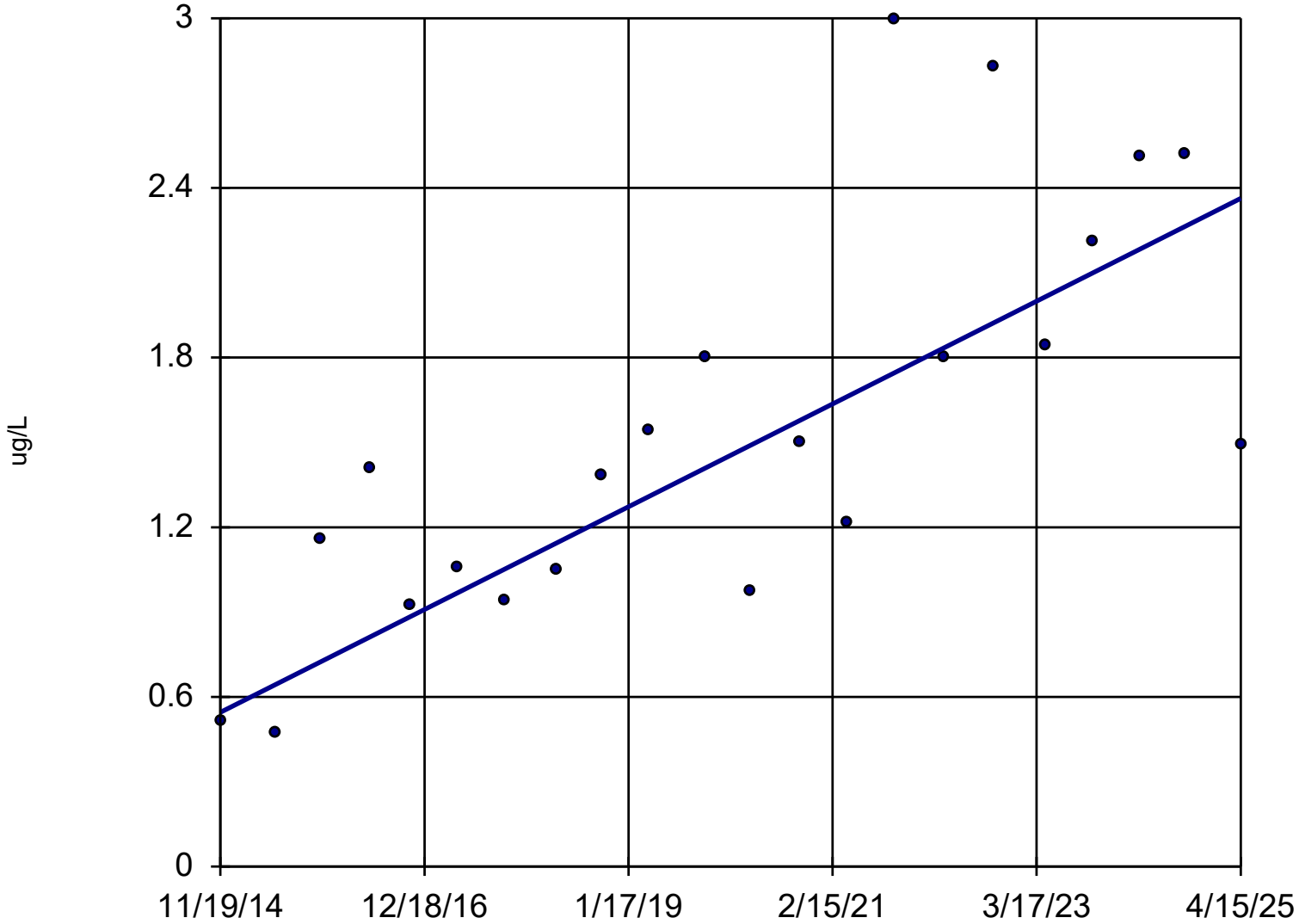
Sen's Slope Estimator

MW-109ARR



n = 22

Slope = 0.1747 units per year.

Mann-Kendall statistic = 138
critical = 84

Increasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Cobalt Analysis Run 6/12/2025 12:23 PM View: All Wells - Appendix I Metals DMASWA Data: DMASWA Database_Updated

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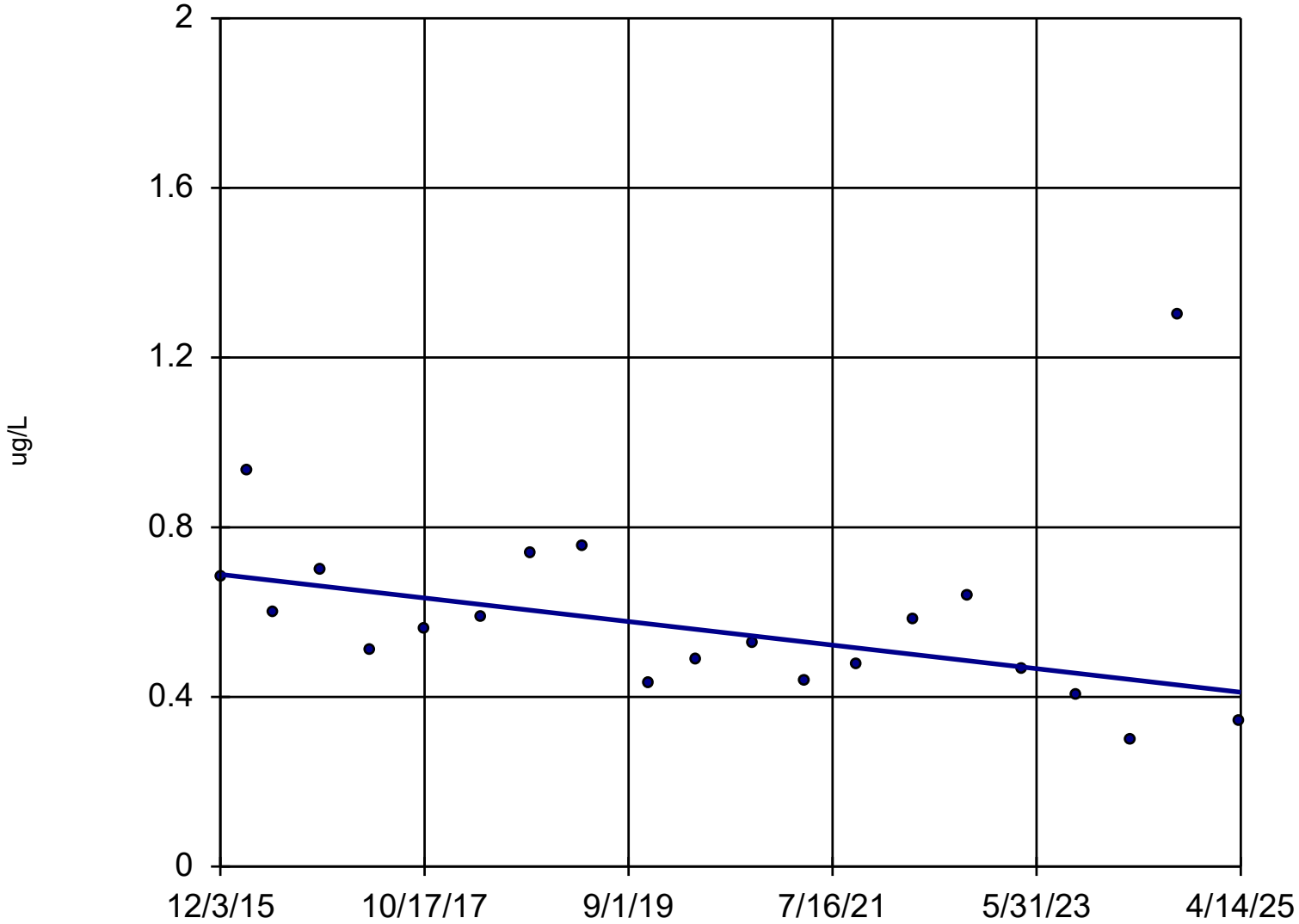
Sen's Slope Estimator

MW-502A



n = 21

Slope = -0.02966 units per year.

Mann-Kendall statistic = -80
critical = -78

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Cobalt Analysis Run 6/12/2025 12:23 PM View: All Wells - Appendix I Metals DMASWA Data: DMASWA Database_Updated

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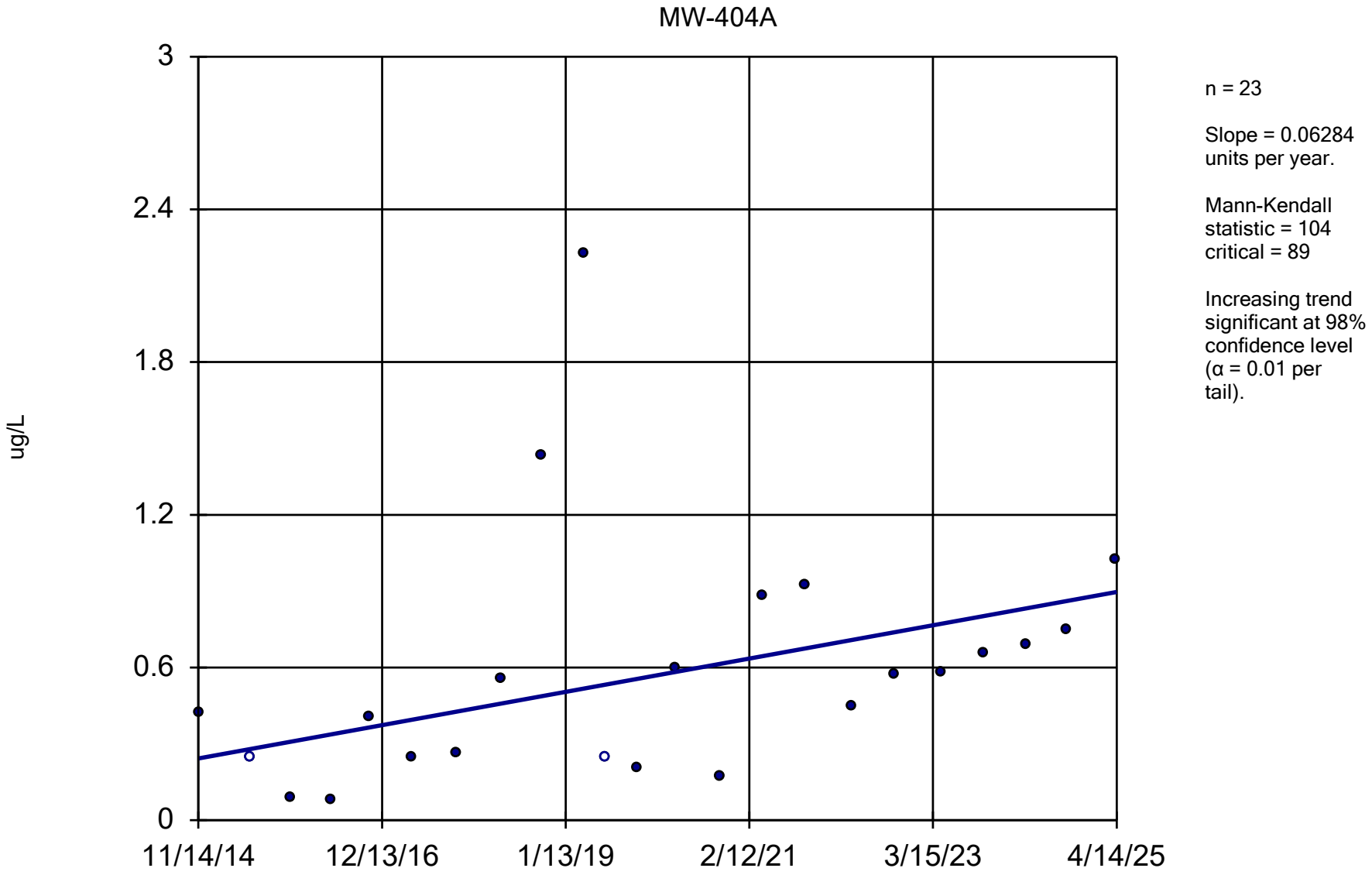
Hollow symbols indicate censored values.

Sen's Slope Estimator

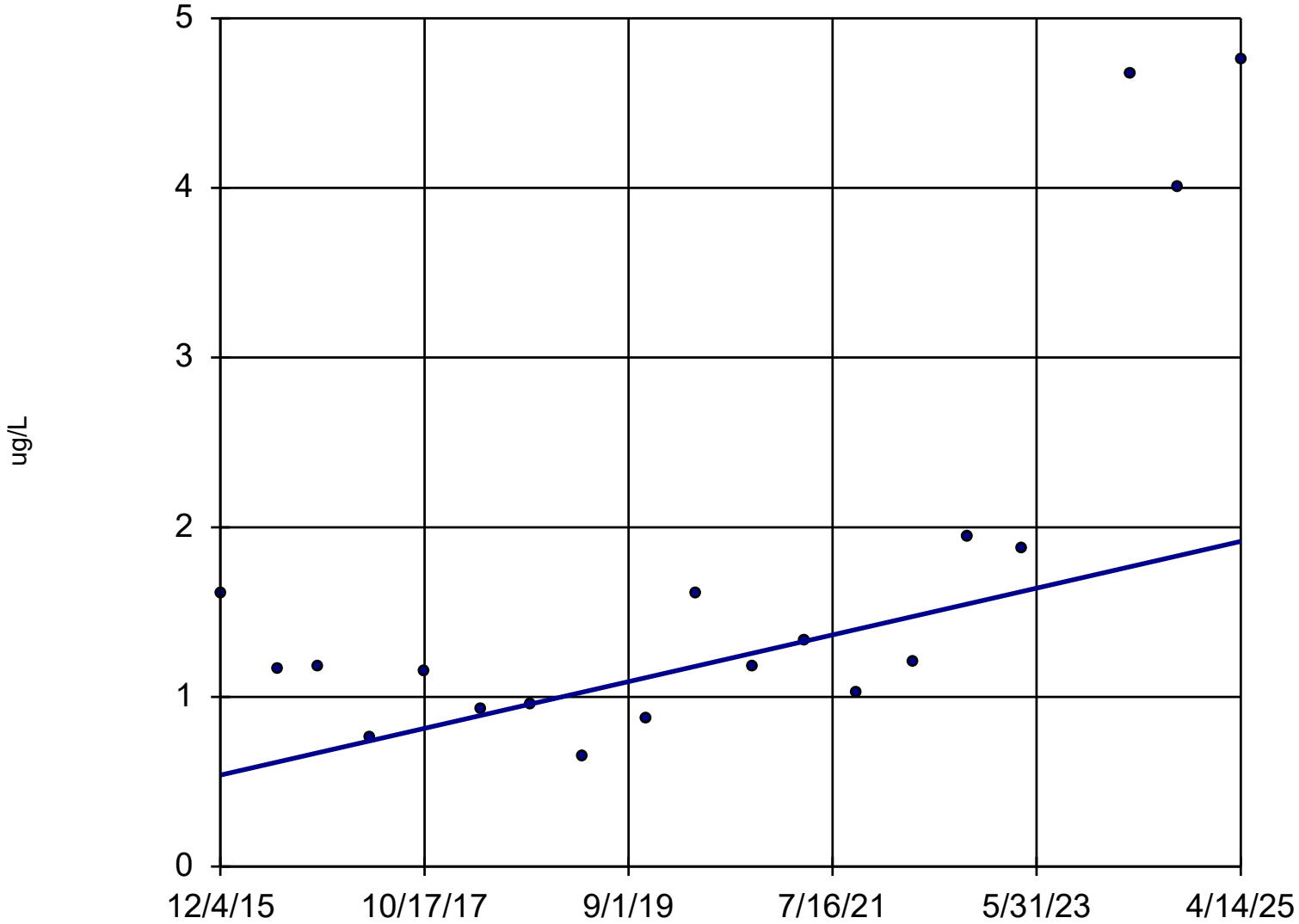


Constituent: Cobalt Analysis Run 6/12/2025 12:23 PM View: All Wells - Appendix I Metals DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG

Sen's Slope Estimator

P-503B (bg)



n = 19

Slope = 0.147 units per year.

Mann-Kendall statistic = 79
critical = 68

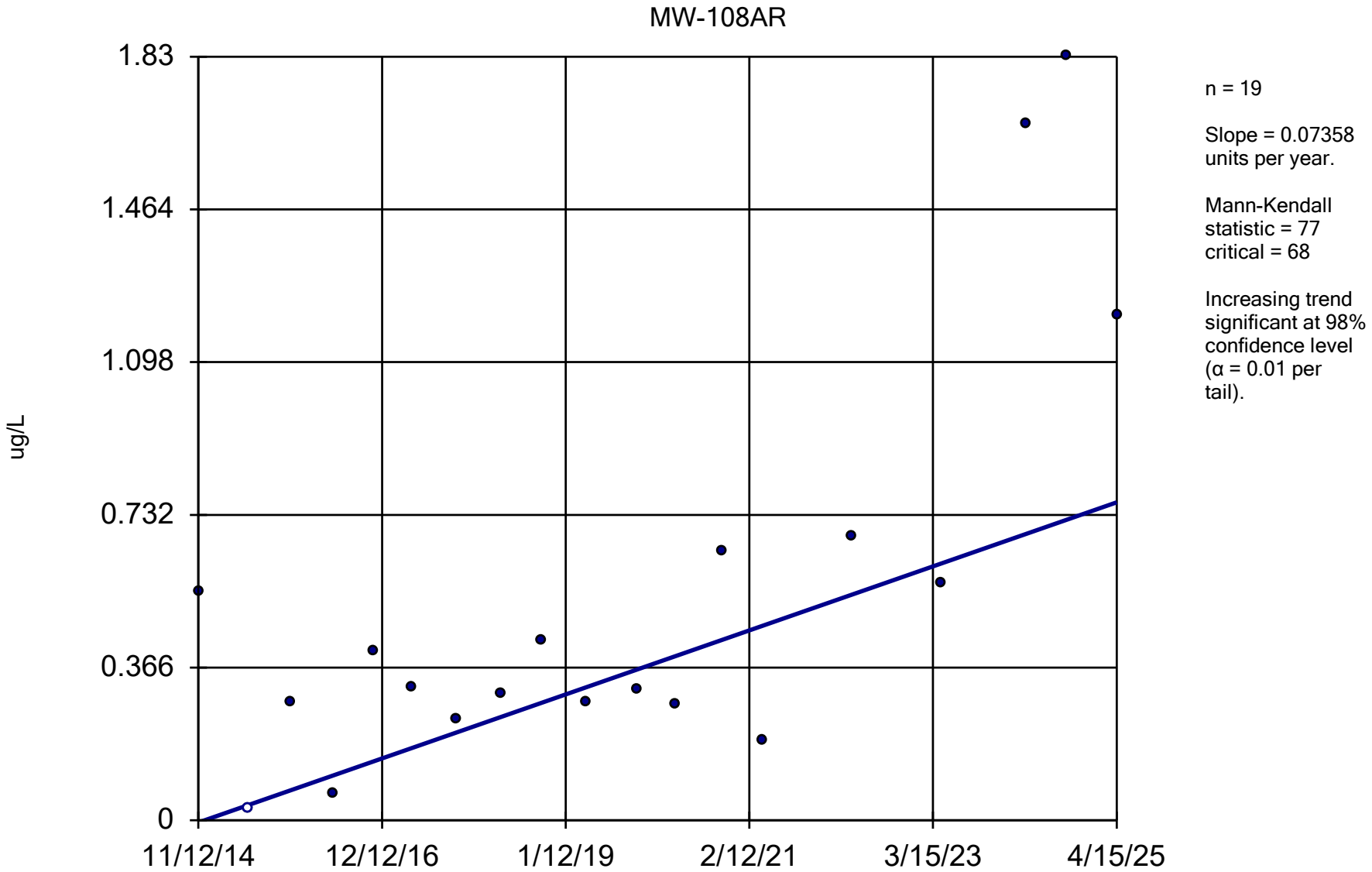
Increasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Cobalt Analysis Run 6/12/2025 12:23 PM View: All Wells - Appendix I Metals

DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

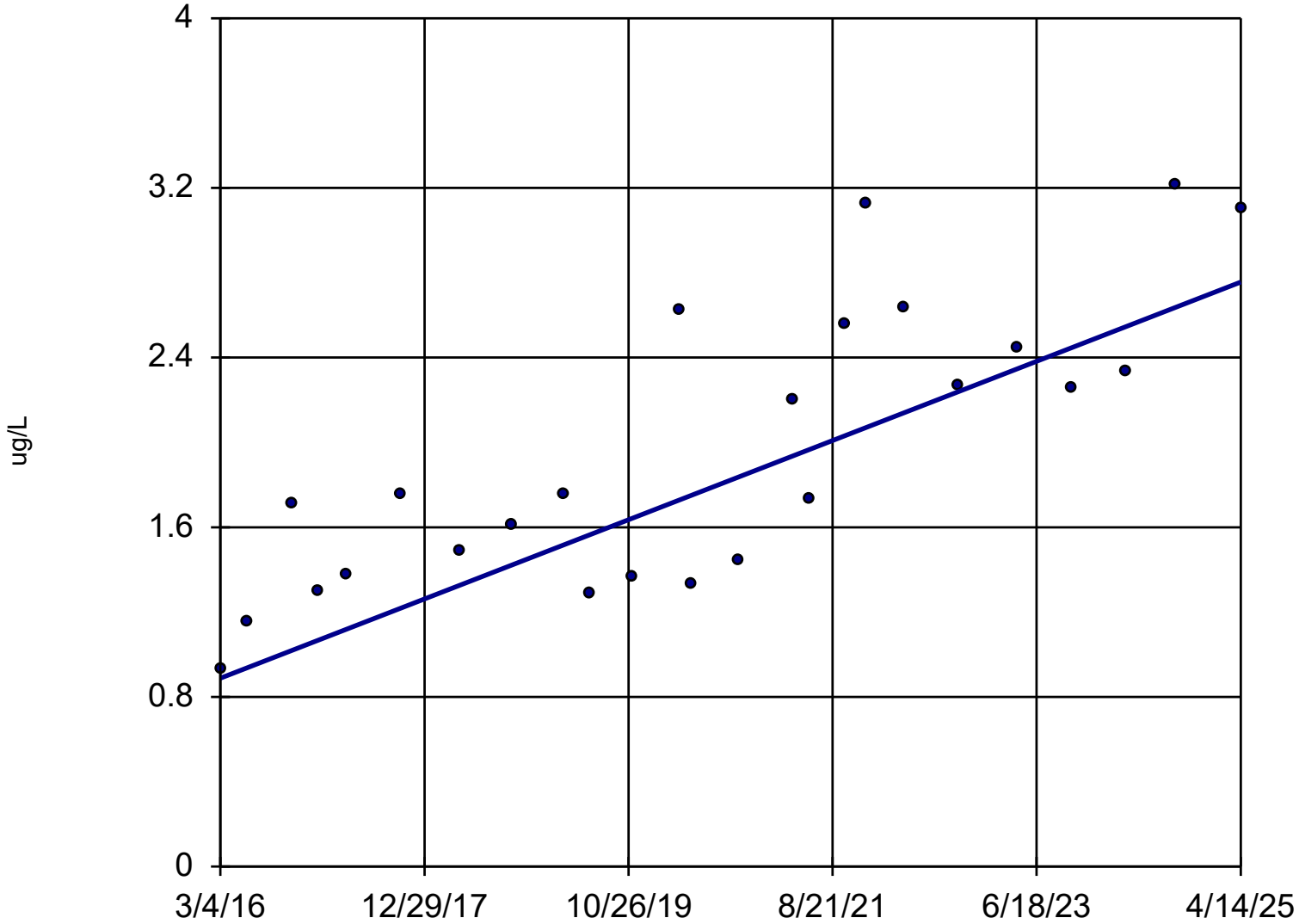


Constituent: Cobalt Analysis Run 6/12/2025 12:23 PM View: All Wells - Appendix I Metals DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG

Sen's Slope Estimator

MW-501A



n = 25

Slope = 0.2049 units per year.

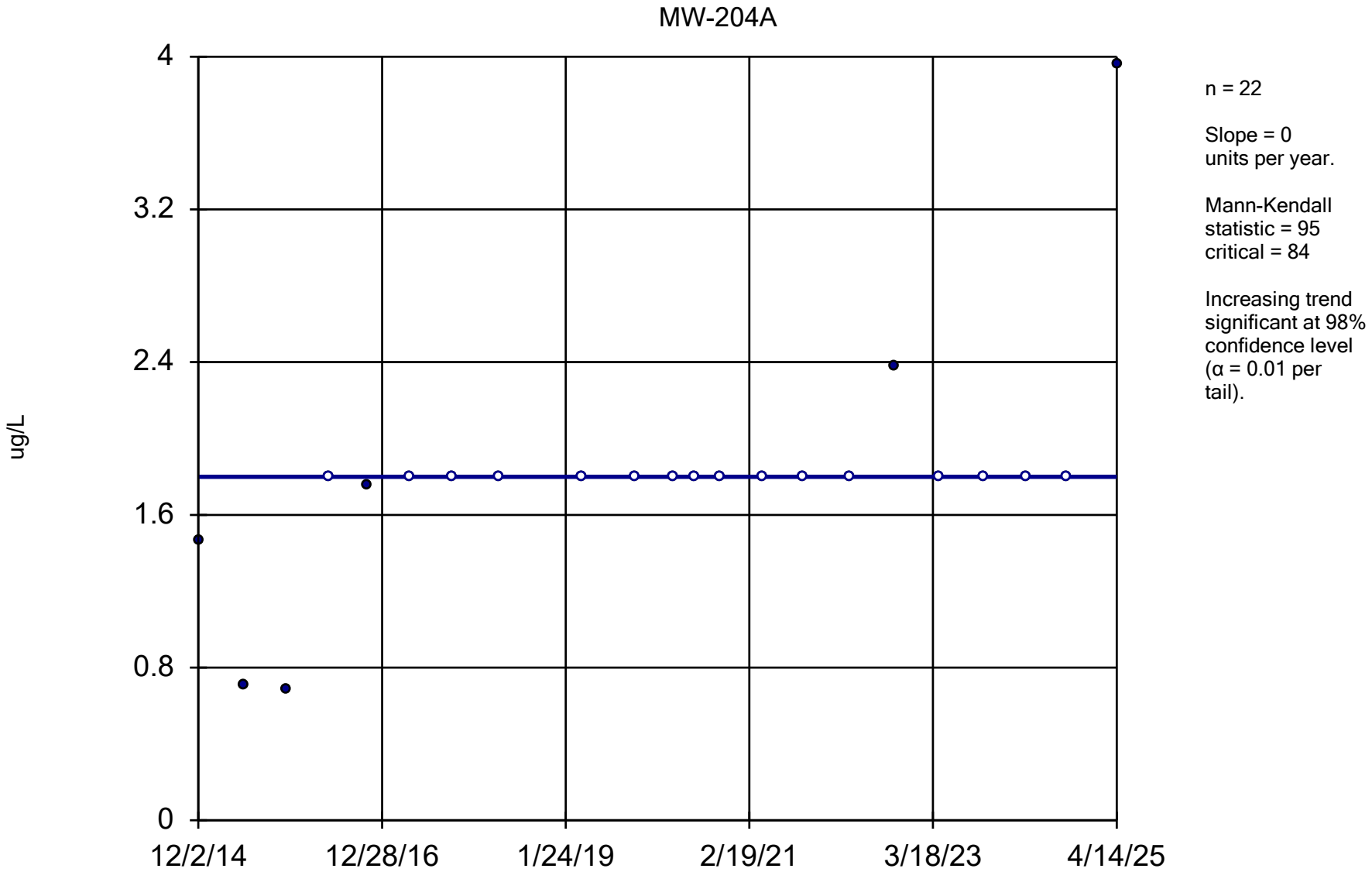
Mann-Kendall statistic = 178
critical = 101

Increasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Cobalt Analysis Run 6/12/2025 12:23 PM View: All Wells - Appendix I Metals DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

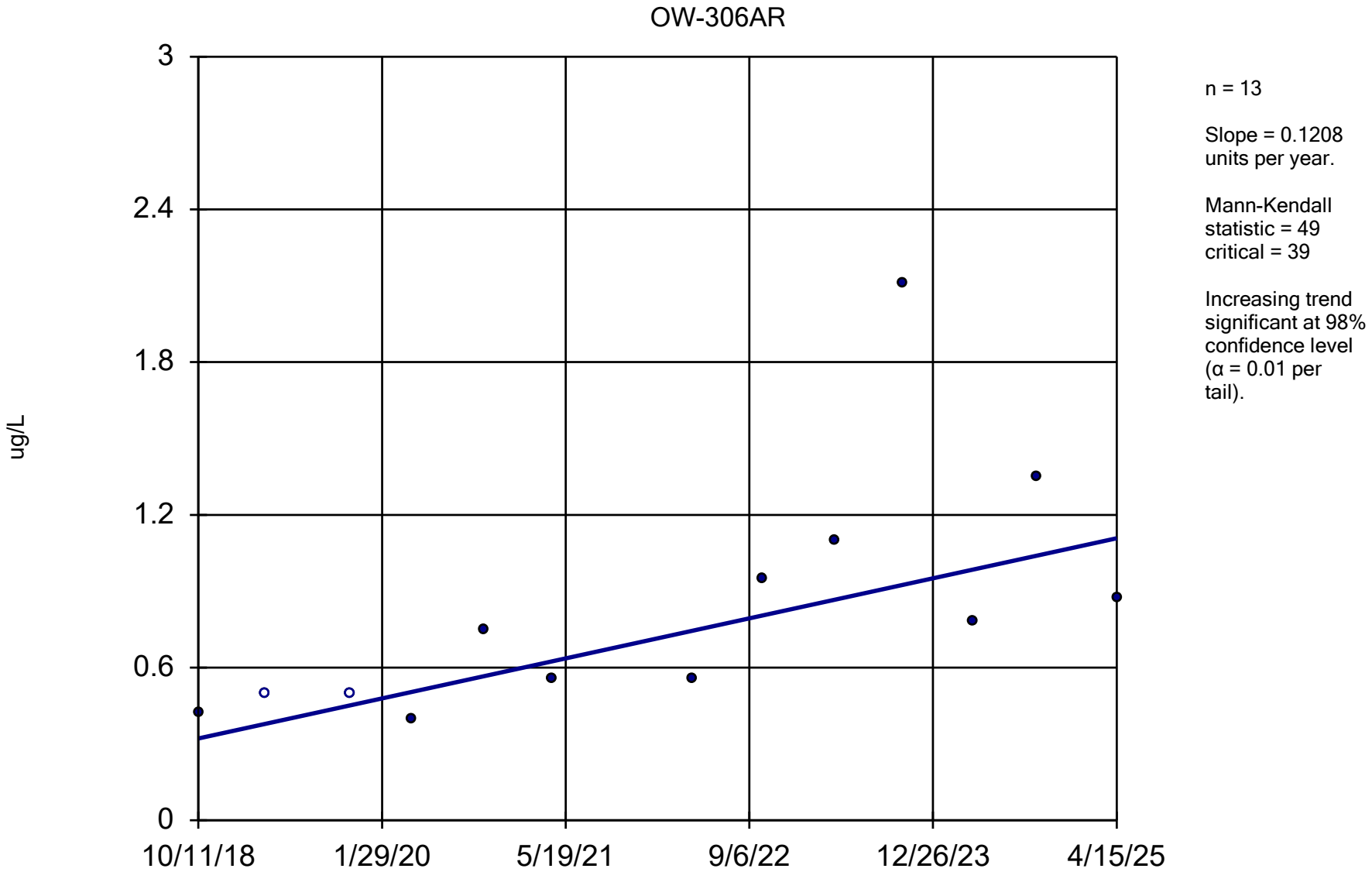


Constituent: Copper Analysis Run 6/12/2025 12:23 PM View: All Wells - Appendix I Metals

DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

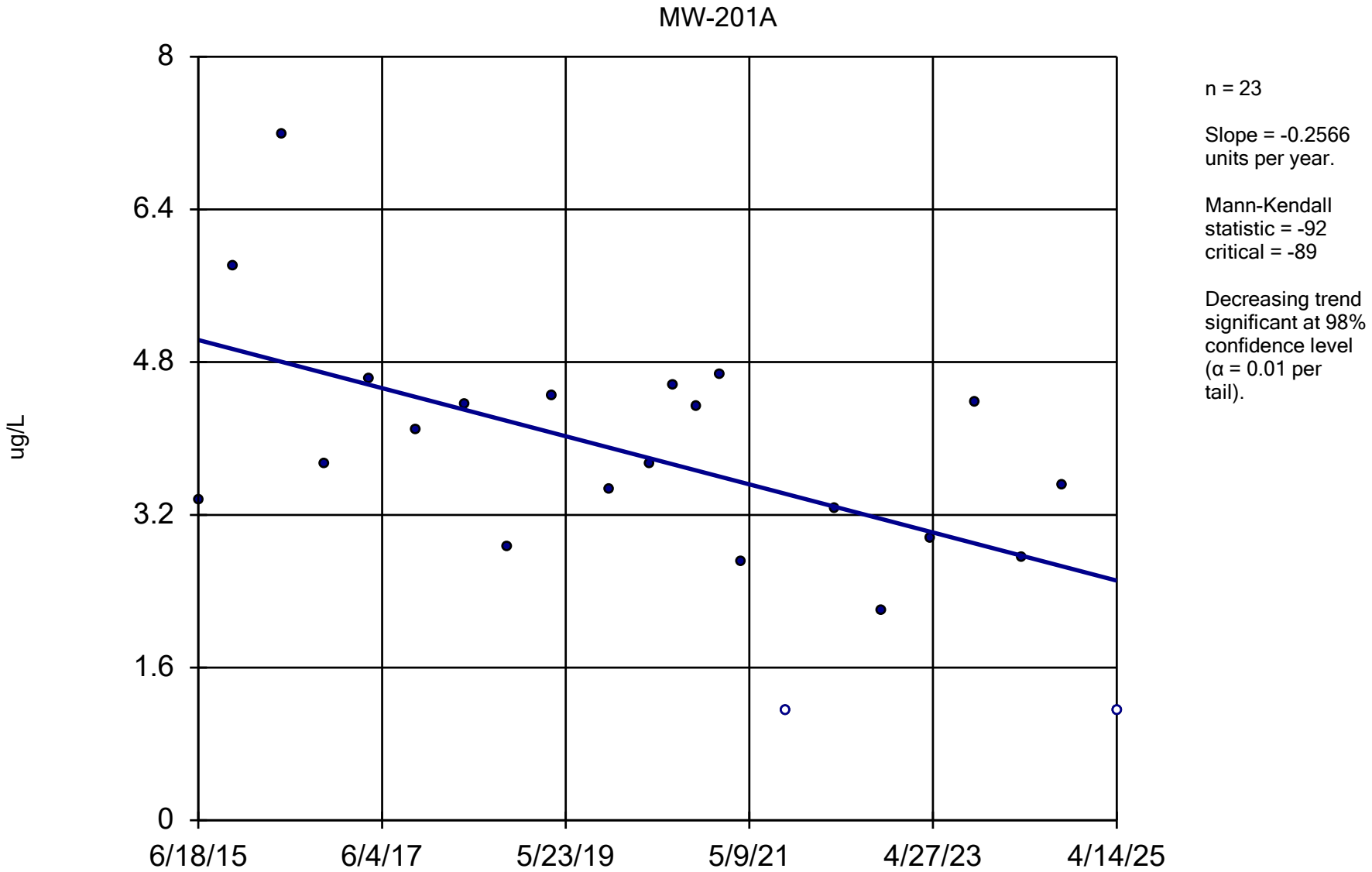


Constituent: Lead Analysis Run 6/12/2025 12:24 PM View: All Wells - Appendix I Metals

DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

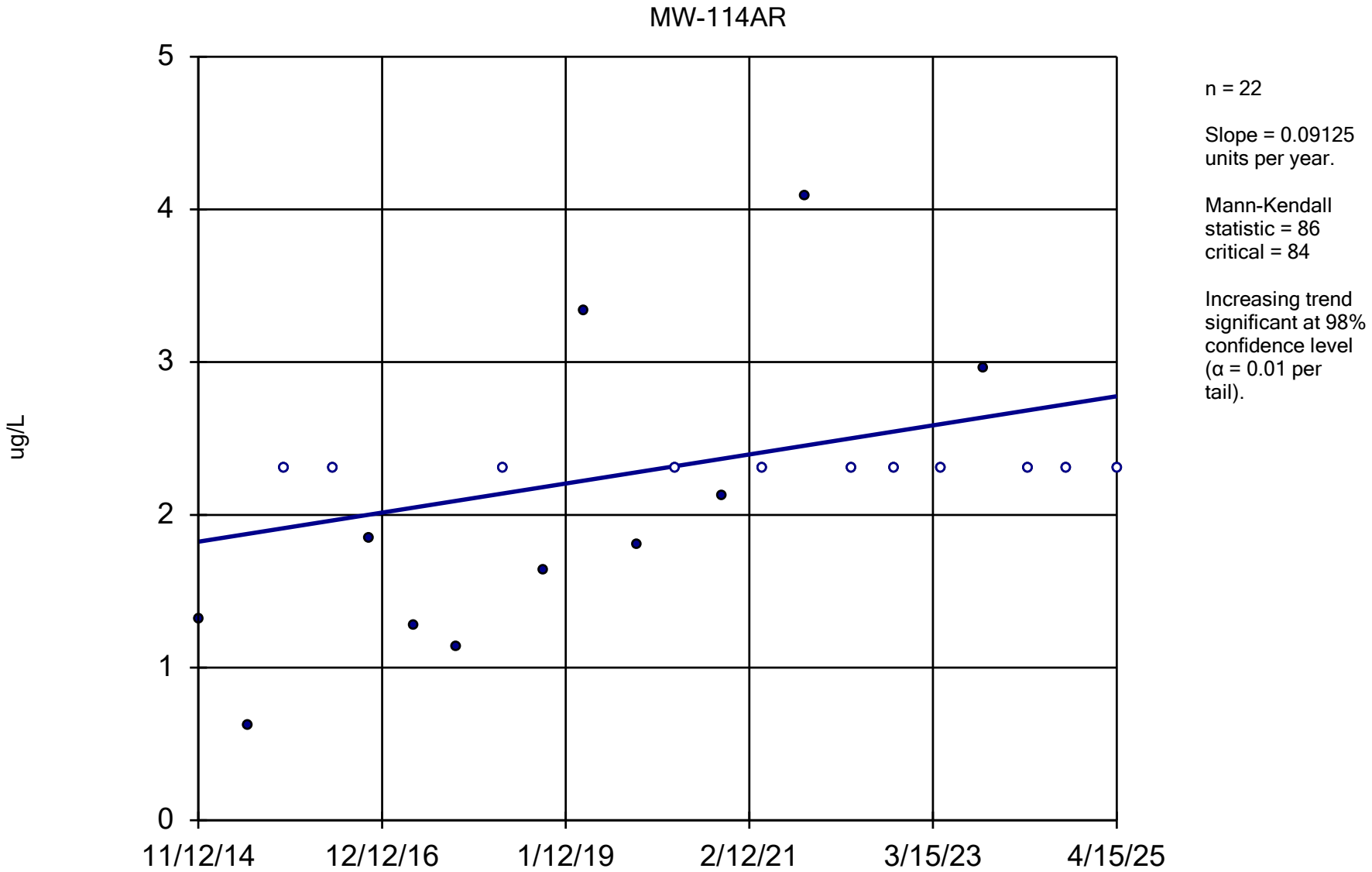


Constituent: Nickel Analysis Run 6/12/2025 12:24 PM View: All Wells - Appendix I Metals

DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

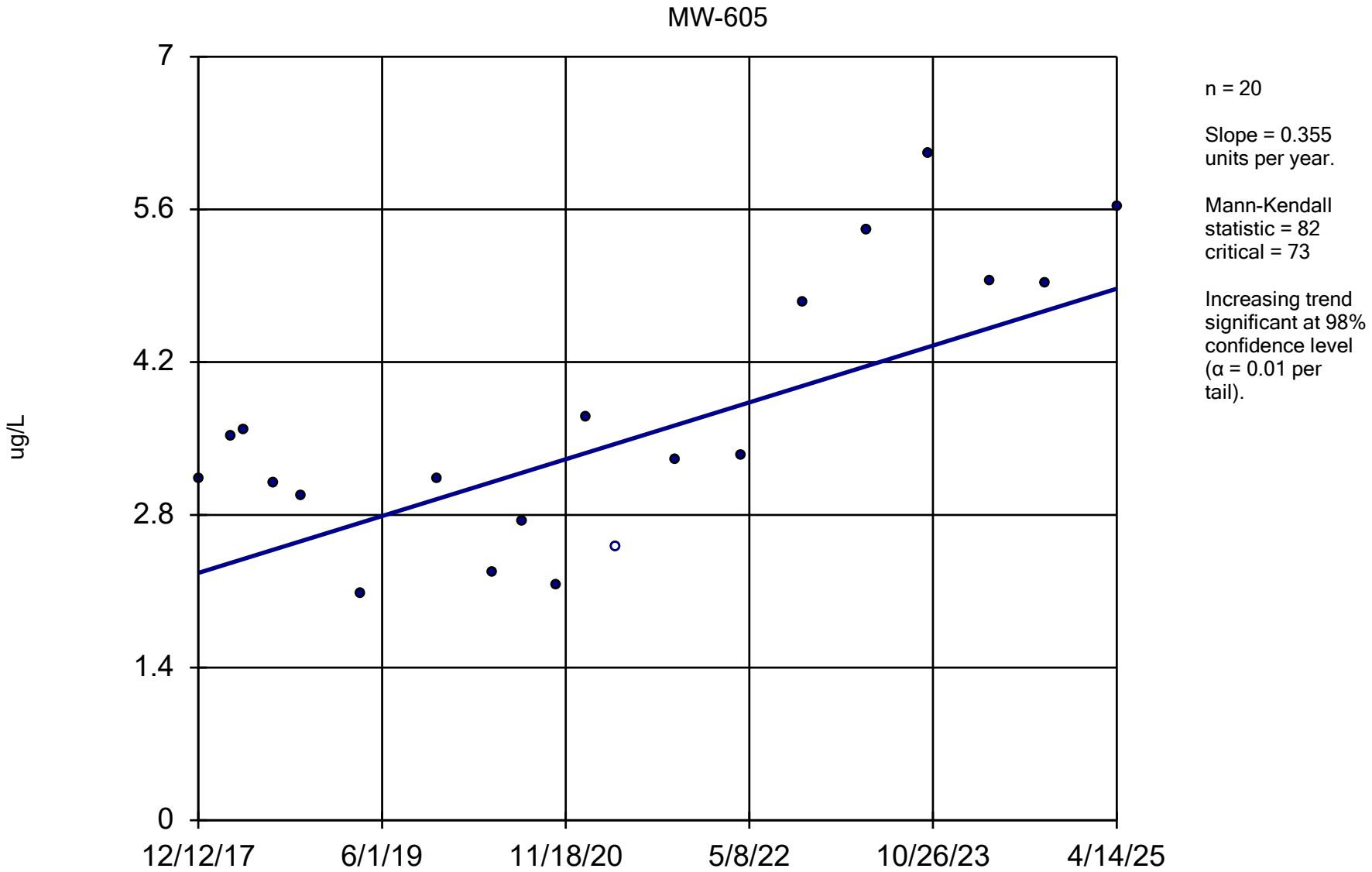


Constituent: Nickel Analysis Run 6/12/2025 12:24 PM View: All Wells - Appendix I Metals

DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

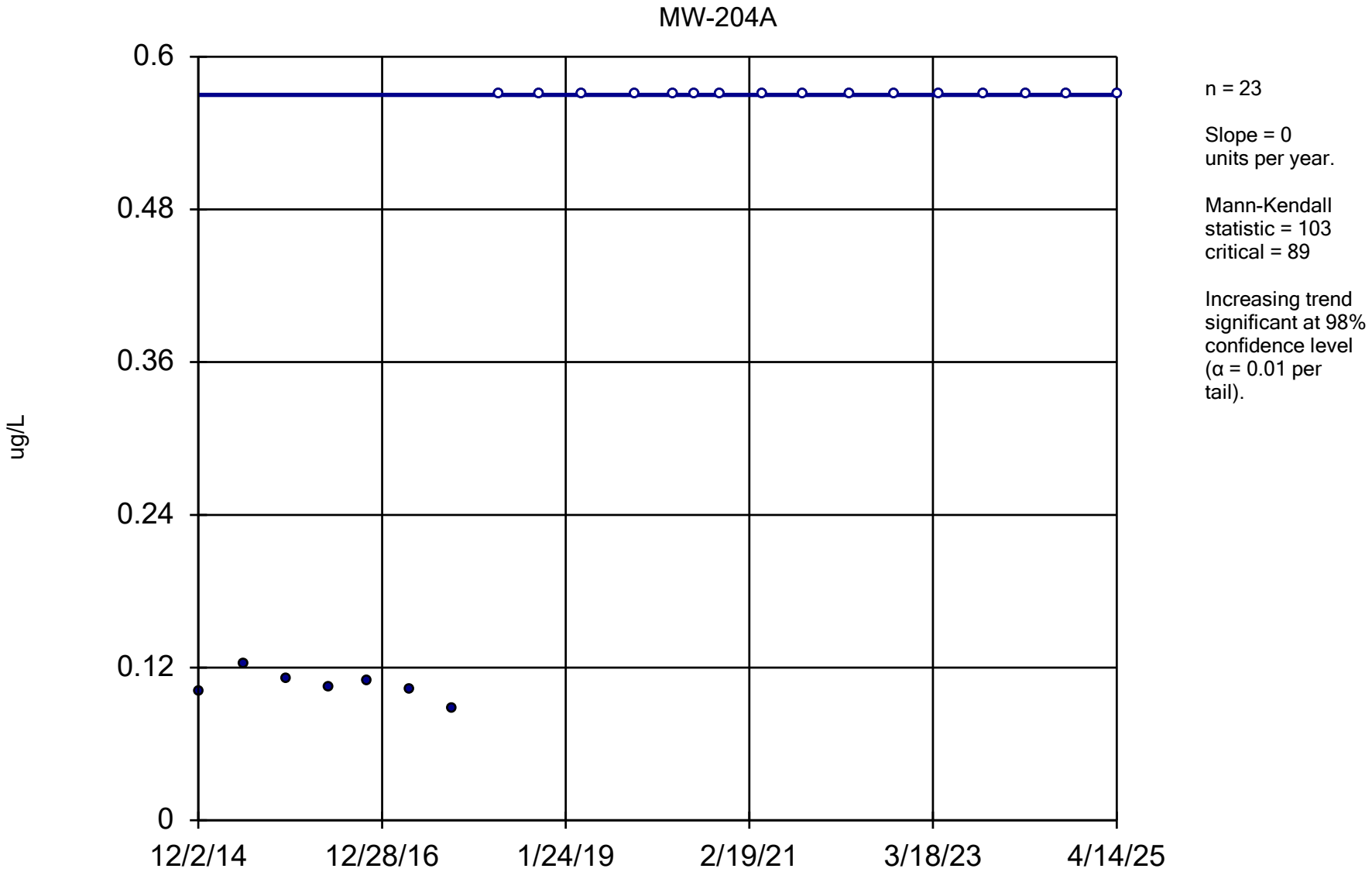


Constituent: Nickel Analysis Run 6/12/2025 12:24 PM View: All Wells - Appendix I Metals

DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

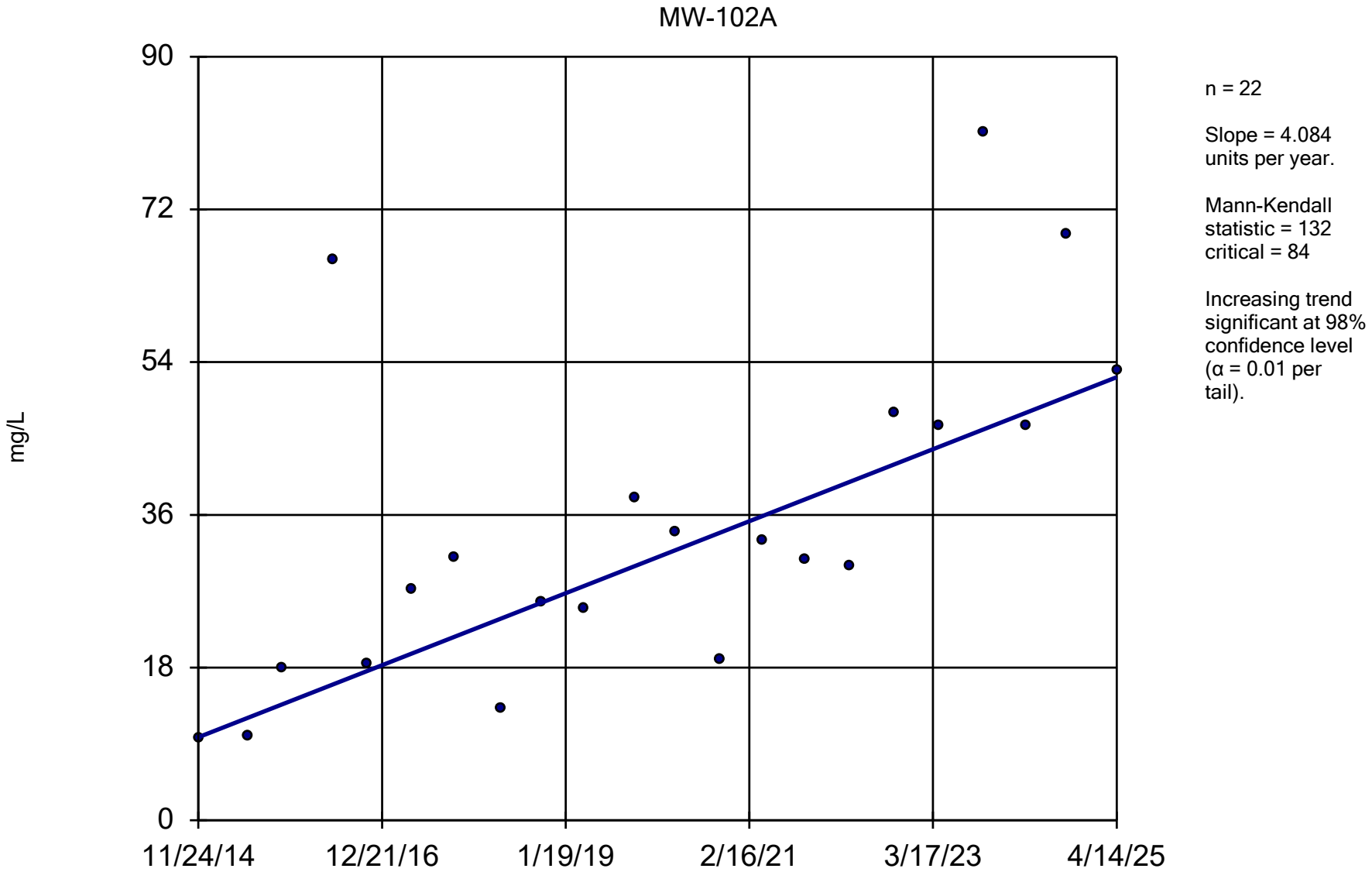


Constituent: Thallium Analysis Run 6/12/2025 12:25 PM View: All Wells - Appendix I Metals

DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG

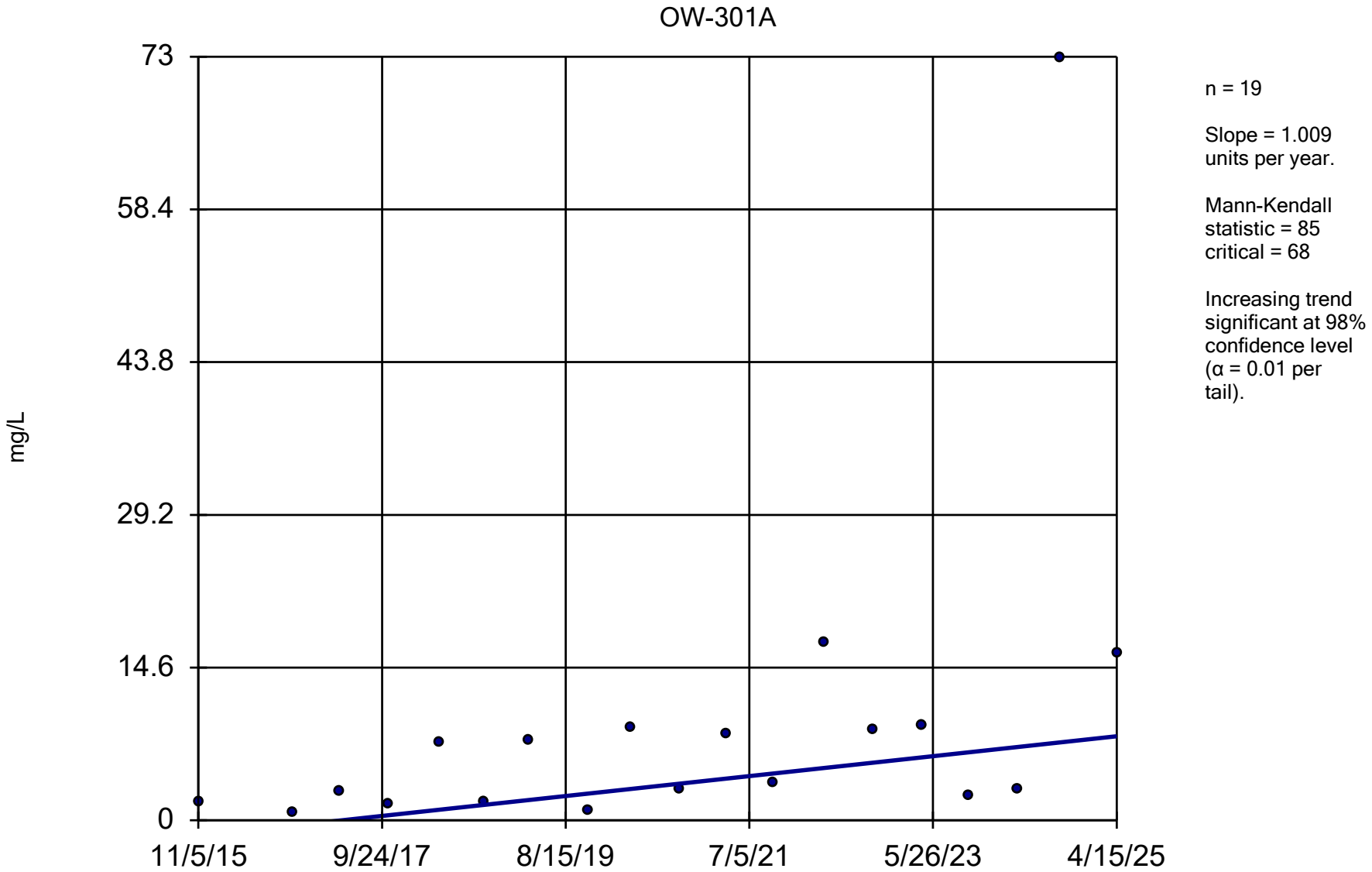
Sen's Slope Estimator



Constituent: Total Suspended Solids Analysis Run 6/12/2025 12:25 PM View: All Wells - Appendix I Metal DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG

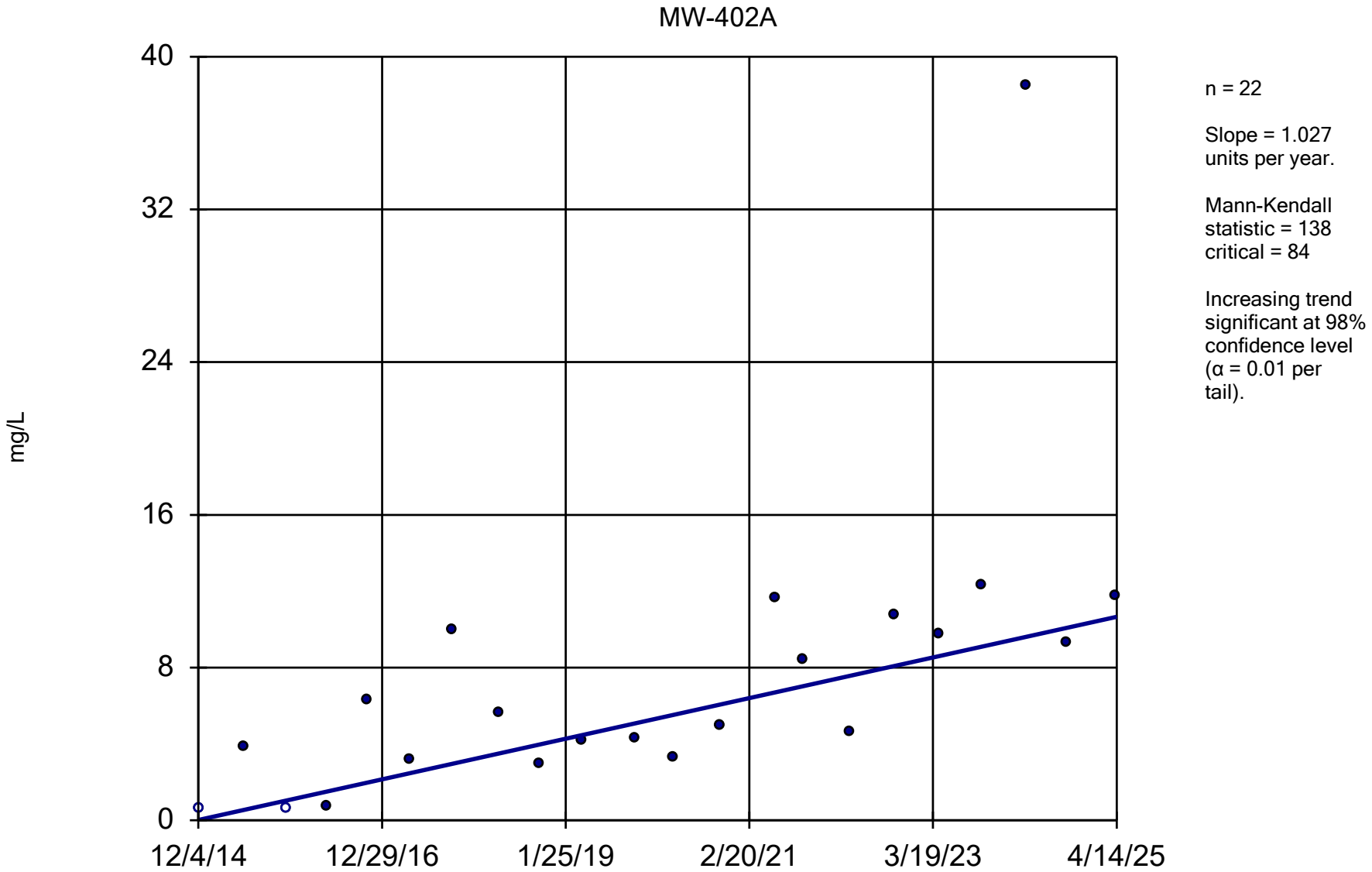
Sen's Slope Estimator



Constituent: Total Suspended Solids Analysis Run 6/12/2025 12:25 PM View: All Wells - Appendix I Metal DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

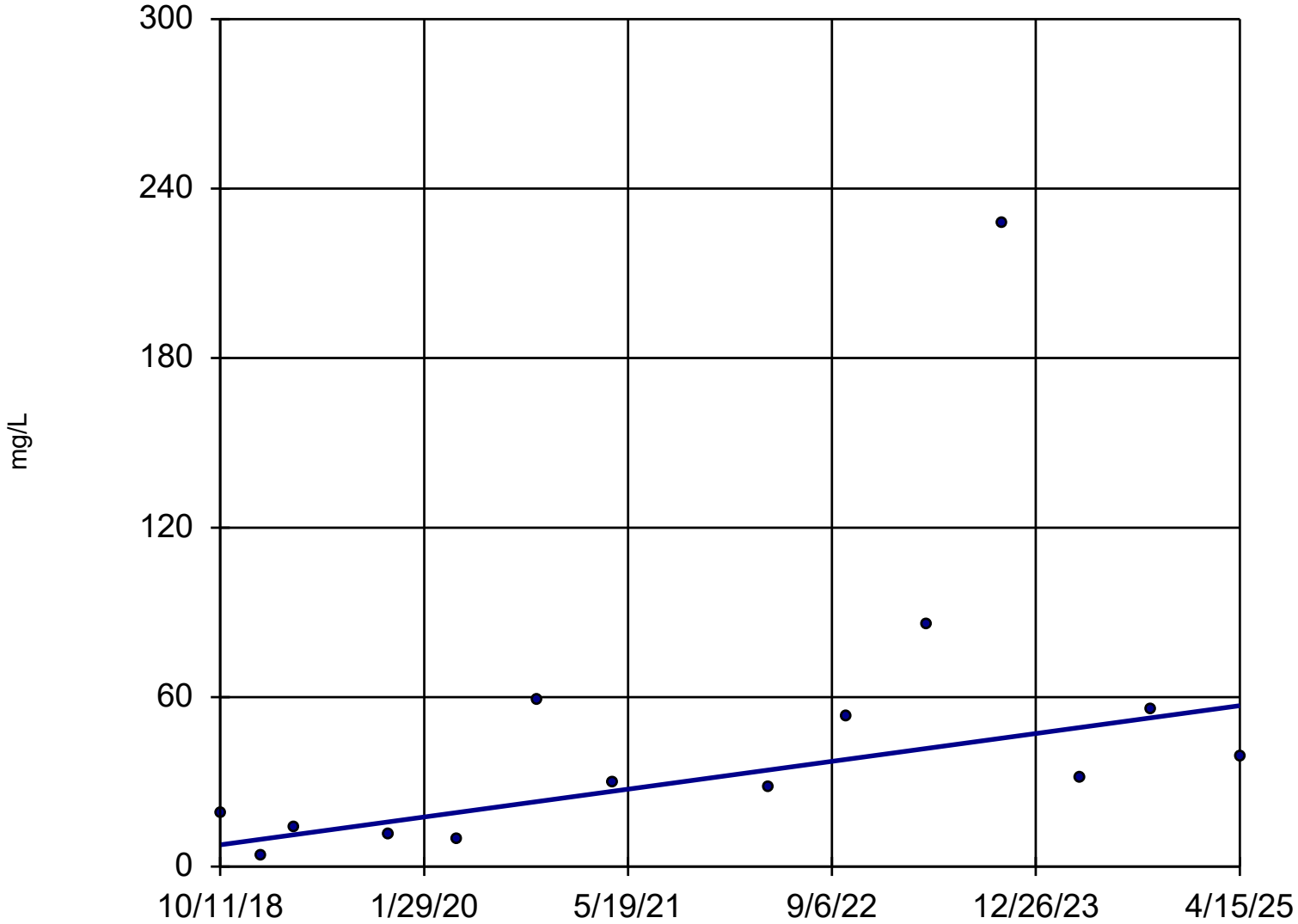


Constituent: Total Suspended Solids Analysis Run 6/12/2025 12:26 PM View: All Wells - Appendix I Metal DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG

Sen's Slope Estimator

OW-306AR



n = 14

Slope = 7.568 units per year.

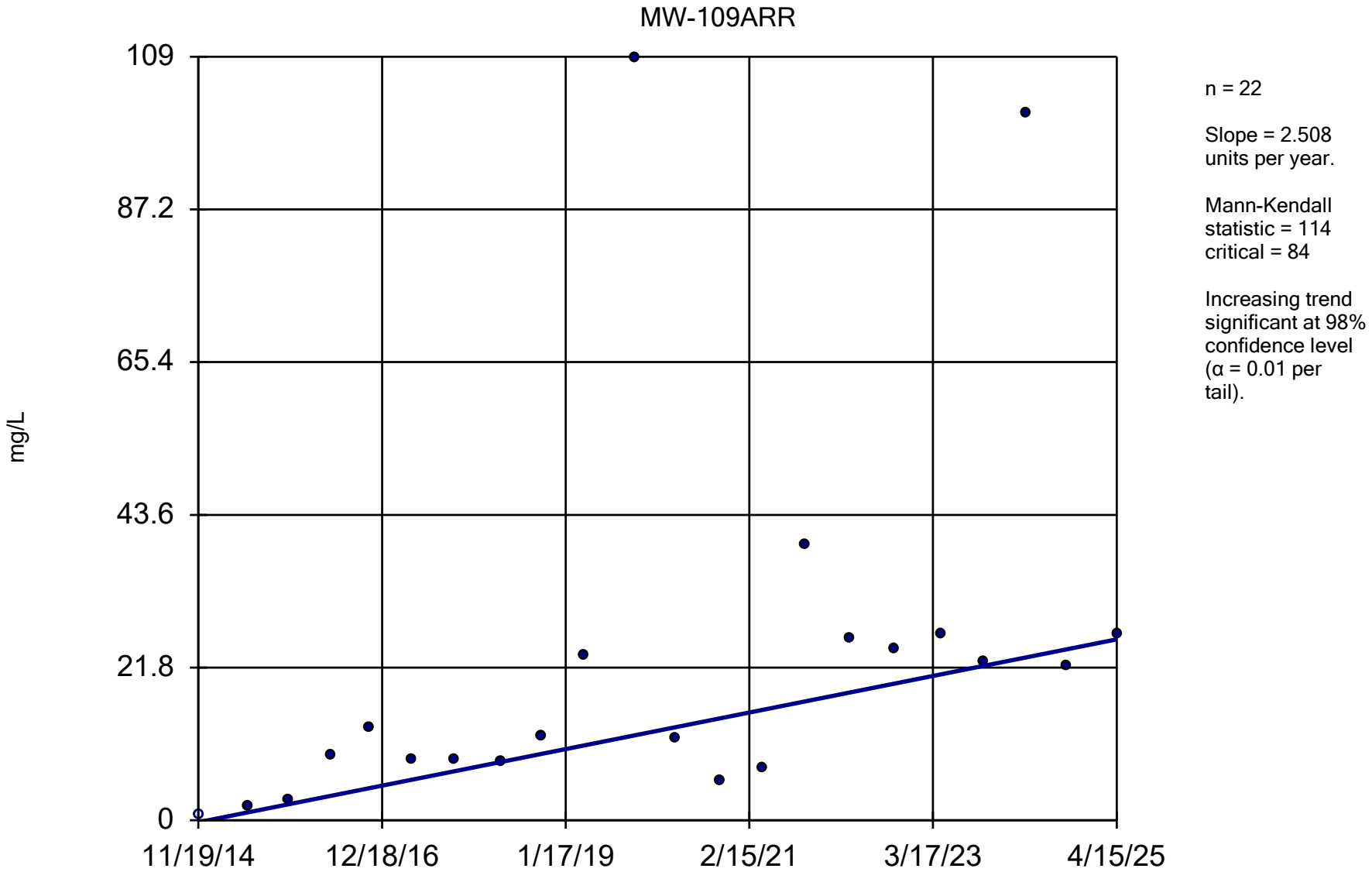
Mann-Kendall statistic = 45
critical = 44

Increasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Total Suspended Solids Analysis Run 6/12/2025 12:26 PM View: All Wells - Appendix I Metal DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

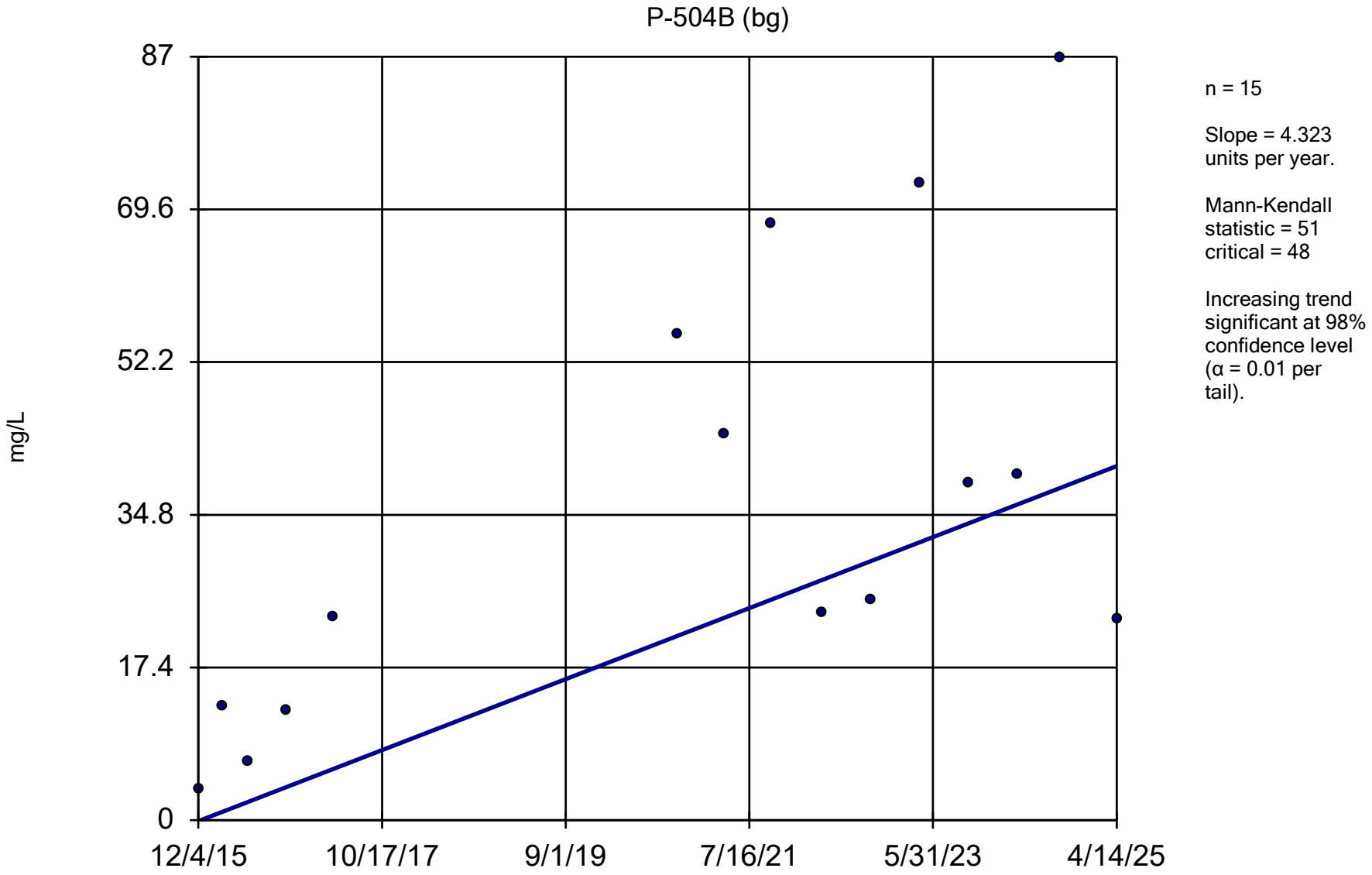
Sen's Slope Estimator



Constituent: Total Suspended Solids Analysis Run 6/12/2025 12:26 PM View: All Wells - Appendix I Metal DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG

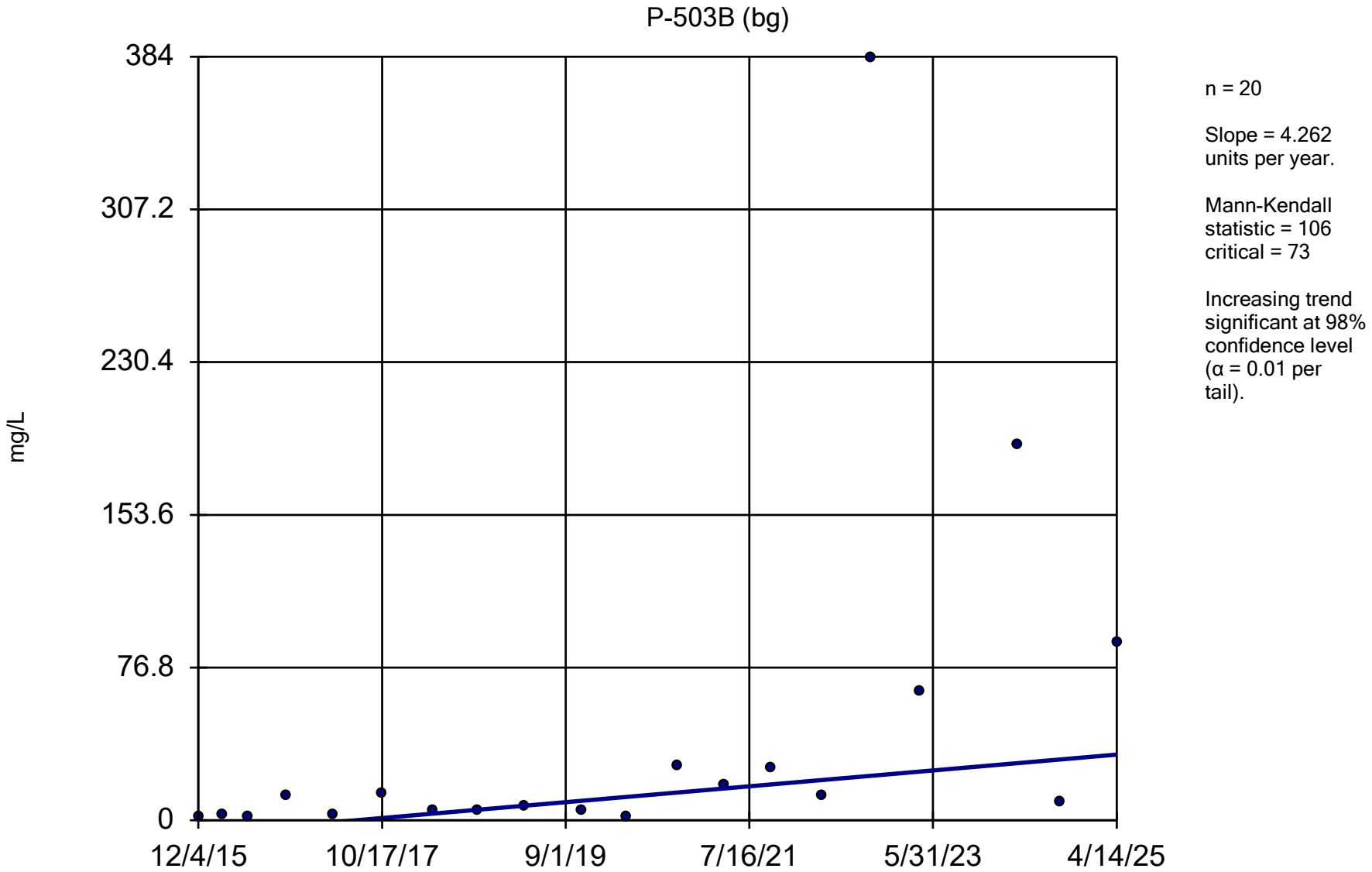
Sen's Slope Estimator



Constituent: Total Suspended Solids Analysis Run 6/12/2025 12:26 PM View: All Wells - Appendix I Metal DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG

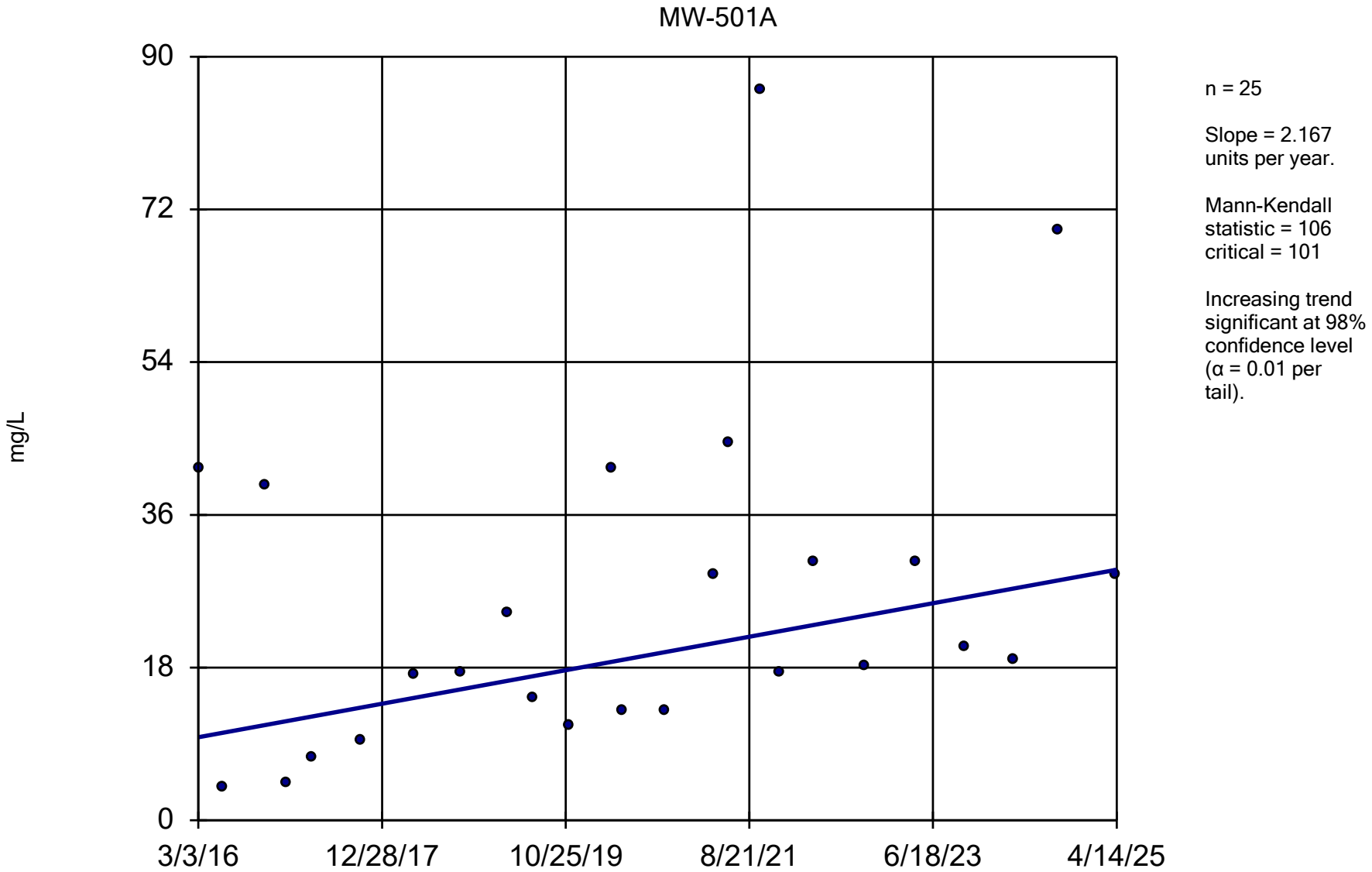
Sen's Slope Estimator



Constituent: Total Suspended Solids Analysis Run 6/12/2025 12:26 PM View: All Wells - Appendix I Metal DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG

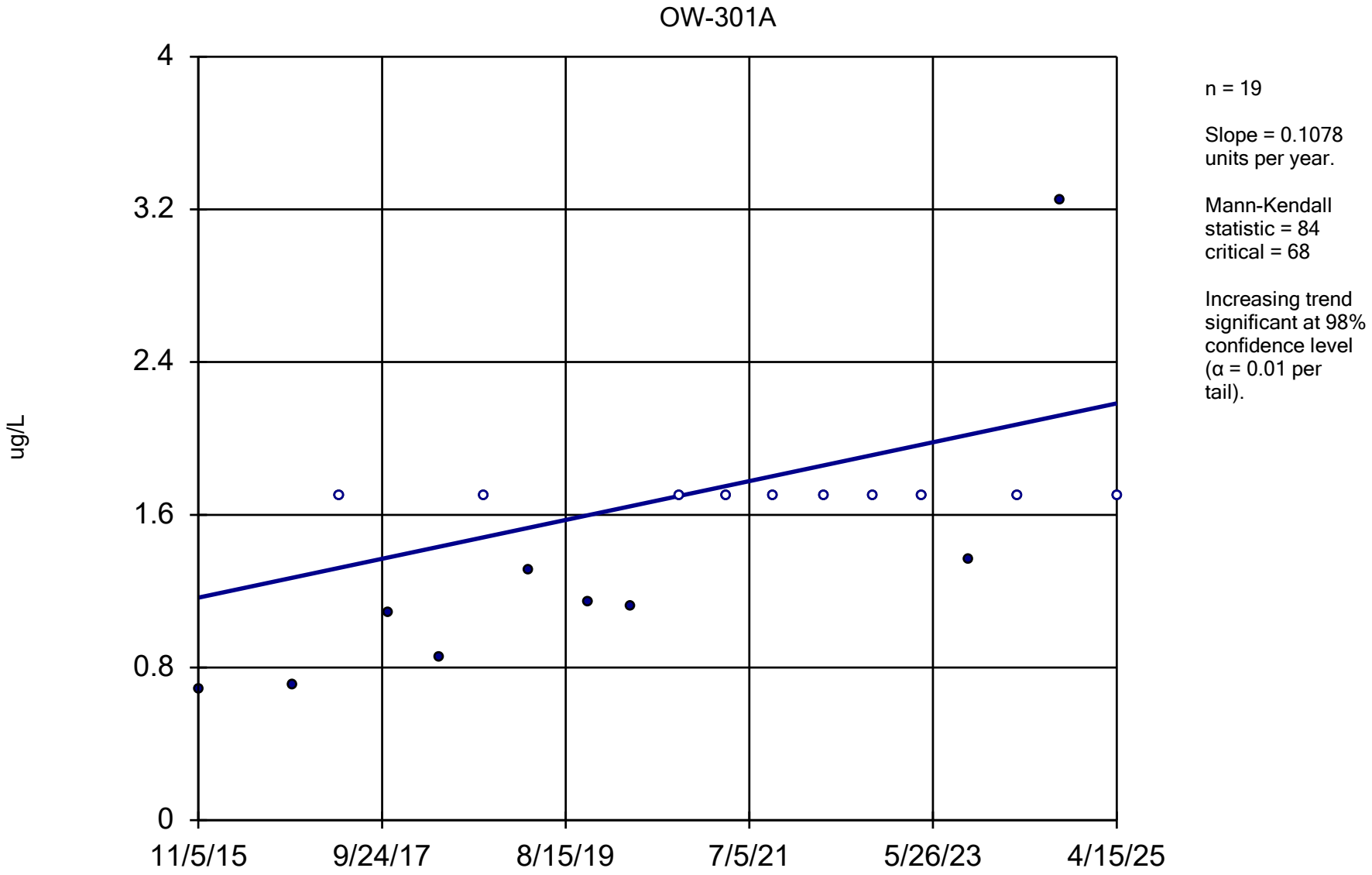
Sen's Slope Estimator



Constituent: Total Suspended Solids Analysis Run 6/12/2025 12:26 PM View: All Wells - Appendix I Metal DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

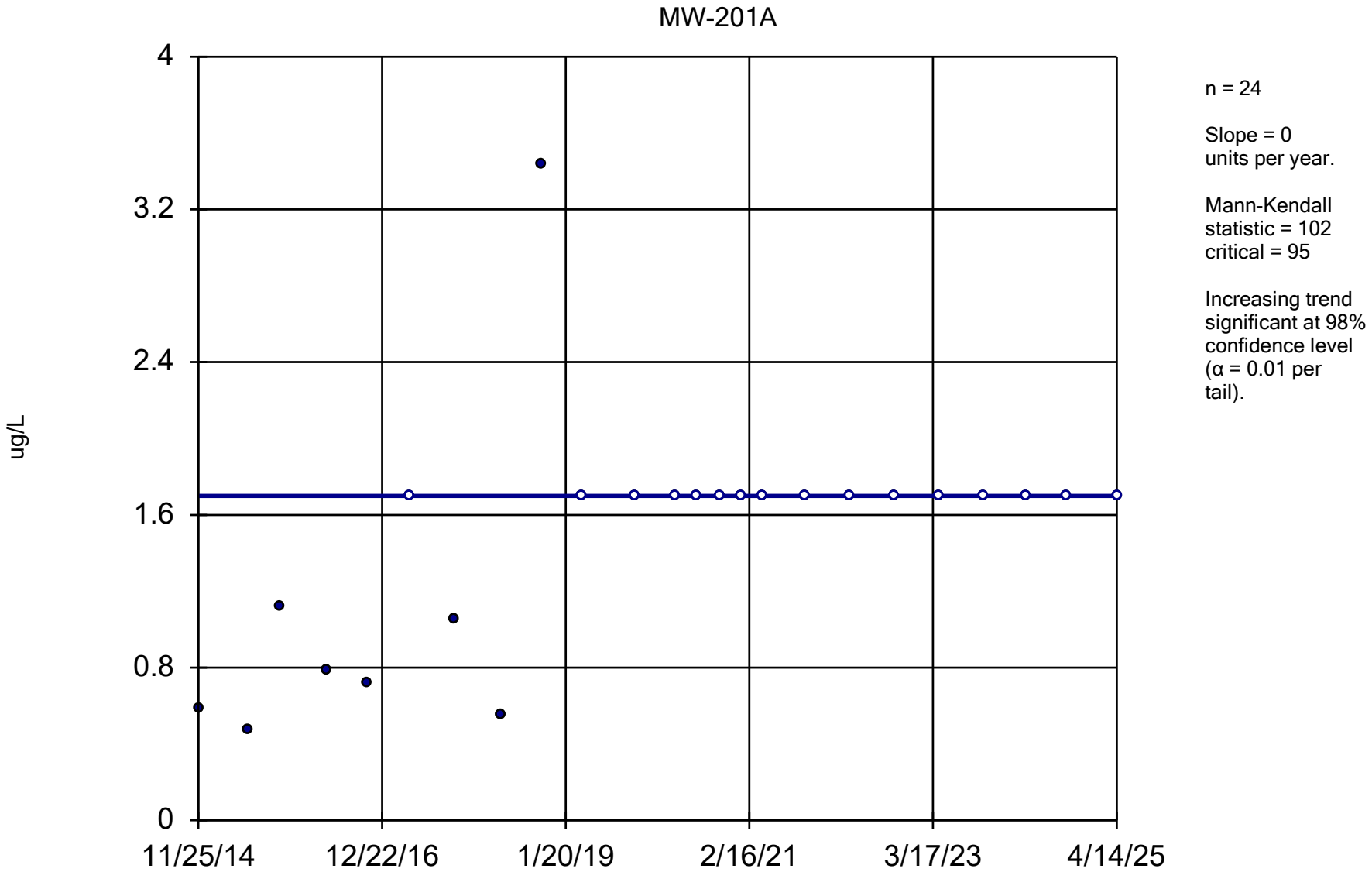
Sen's Slope Estimator



Constituent: Vanadium Analysis Run 6/12/2025 12:26 PM View: All Wells - Appendix I Metals DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator



Constituent: Vanadium Analysis Run 6/12/2025 12:26 PM View: All Wells - Appendix I Metals

DMASWA Data: DMASWA Database_Updated

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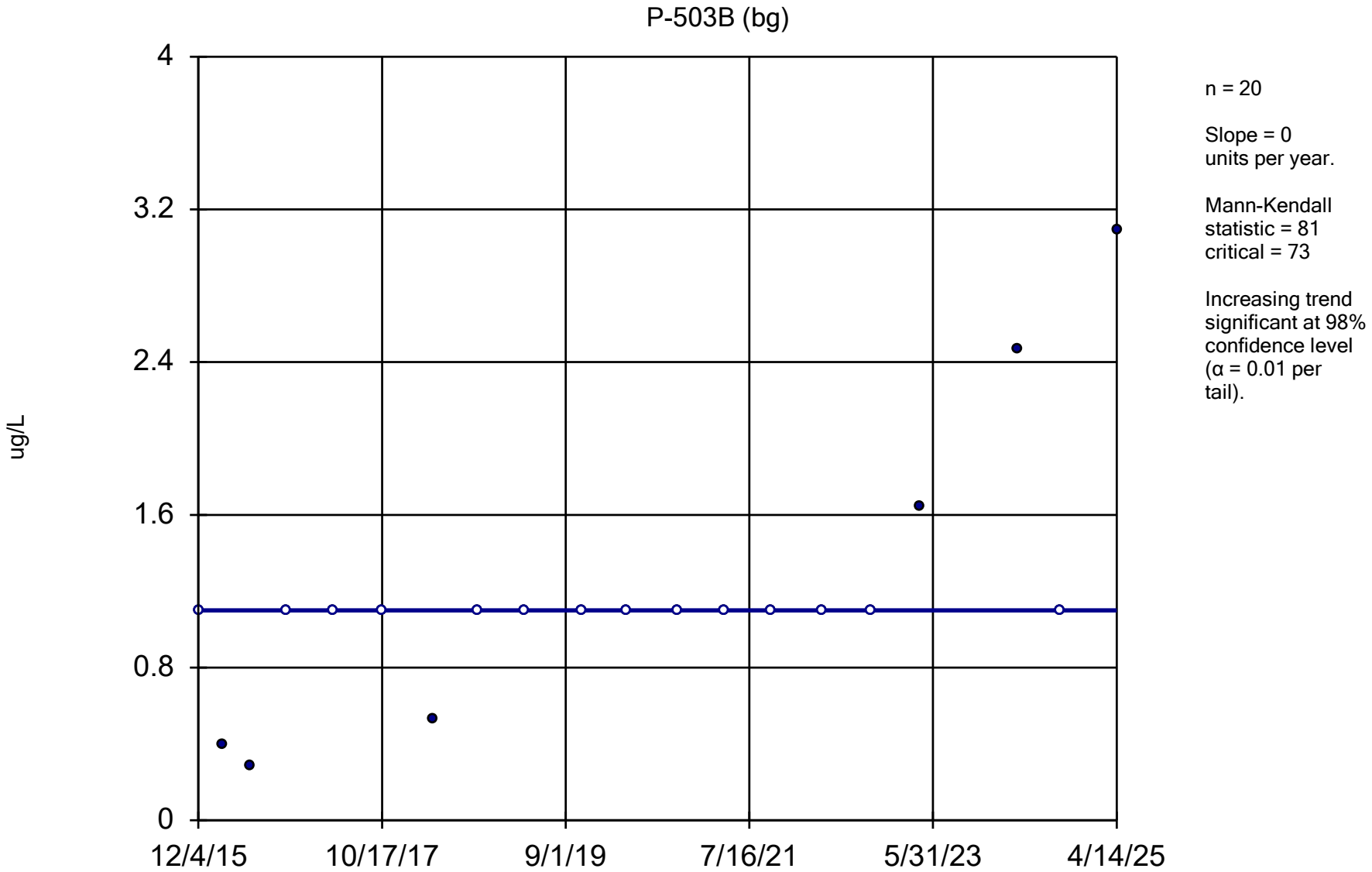
Hollow symbols indicate censored values.

Sen's Slope Estimator



Constituent: Vanadium Analysis Run 6/12/2025 12:26 PM View: All Wells - Appendix I Metals

DMASWA Data: DMASWA Database_Updated

Trend Test

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 12:37 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Antimony (ug/L)	MW-102A	0	0	73	No	20	100	n/a	n/a	0.02	NP
Antimony (ug/L)	OW-301A	0	47	68	No	19	84.21	n/a	n/a	0.02	NP
Antimony (ug/L)	MW-201A	0	0	95	No	24	100	n/a	n/a	0.02	NP
Antimony (ug/L)	MW-103A	0	0	89	No	23	100	n/a	n/a	0.02	NP
Antimony (ug/L)	MW-114AR	0	0	78	No	21	100	n/a	n/a	0.02	NP
Antimony (ug/L)	MW-120AR ...	0	-12	-89	No	23	95.65	n/a	n/a	0.02	NP
Antimony (ug/L)	P-105B	0	-16	-78	No	21	95.24	n/a	n/a	0.02	NP
Antimony (ug/L)	MW-504A (bg)	0	0	13	No	6	100	n/a	n/a	0.02	NP
Antimony (ug/L)	P-108B	0	0	78	No	21	100	n/a	n/a	0.02	NP
Antimony (ug/L)	MW-403A	0	0	78	No	21	100	n/a	n/a	0.02	NP
Antimony (ug/L)	P-114BR	0	0	78	No	21	100	n/a	n/a	0.02	NP
Antimony (ug/L)	MW-204A	0	4	89	No	23	95.65	n/a	n/a	0.02	NP
Antimony (ug/L)	P-120B (bg)	0	48	78	No	21	76.19	n/a	n/a	0.02	NP
Antimony (ug/L)	MW-137A	0	0	84	No	22	100	n/a	n/a	0.02	NP
Antimony (ug/L)	MW-202A	0	17	84	No	22	90.91	n/a	n/a	0.02	NP
Antimony (ug/L)	MW-401A	0	0	84	No	22	100	n/a	n/a	0.02	NP
Antimony (ug/L)	MW-402A	0	0	78	No	21	100	n/a	n/a	0.02	NP
Antimony (ug/L)	OW-306AR	0	0	44	No	14	100	n/a	n/a	0.02	NP
Antimony (ug/L)	MW-109ARR	0	2	78	No	21	95.24	n/a	n/a	0.02	NP
Antimony (ug/L)	MW-502A	0	-9	-78	No	21	85.71	n/a	n/a	0.02	NP
Antimony (ug/L)	MW-404A	0	4	78	No	21	95.24	n/a	n/a	0.02	NP
Antimony (ug/L)	P-504B (bg)	0	27	48	No	15	86.67	n/a	n/a	0.02	NP
Antimony (ug/L)	P-503B (bg)	0	13	63	No	18	94.44	n/a	n/a	0.02	NP
Antimony (ug/L)	MW-108AR	0	0	68	No	19	100	n/a	n/a	0.02	NP
Antimony (ug/L)	MW-505A (bg)	0	8	58	No	17	94.12	n/a	n/a	0.02	NP
Antimony (ug/L)	MW-501A	0	19	73	No	20	95	n/a	n/a	0.02	NP
Antimony (ug/L)	MW-605	0	0	44	No	14	100	n/a	n/a	0.02	NP
Antimony (ug/L)	MW-604	0	-1	-44	No	14	92.86	n/a	n/a	0.02	NP
Arsenic (ug/L)	MW-102A	0.601	64	84	No	22	0	n/a	n/a	0.02	NP
Arsenic (ug/L)	OW-301A	0.06938	63	63	No	18	50	n/a	n/a	0.02	NP
Arsenic (ug/L)	**MW-201A**	**-0.0753**	**-92**	**-78**	**Yes**	**21**	**57.14**	**n/a**	**n/a**	**0.02**	**NP**
Arsenic (ug/L)	MW-103A	0	7	95	No	24	91.67	n/a	n/a	0.02	NP
Arsenic (ug/L)	MW-114AR	0	22	84	No	22	81.82	n/a	n/a	0.02	NP
Arsenic (ug/L)	MW-120AR ...	0	10	95	No	24	87.5	n/a	n/a	0.02	NP
Arsenic (ug/L)	P-105B	0	6	84	No	22	27.27	n/a	n/a	0.02	NP
Arsenic (ug/L)	MW-504A (bg)	0	-3	-13	No	6	66.67	n/a	n/a	0.02	NP
Arsenic (ug/L)	P-108B	0	5	84	No	22	95.45	n/a	n/a	0.02	NP
Arsenic (ug/L)	MW-403A	0	-7	-84	No	22	90.91	n/a	n/a	0.02	NP
Arsenic (ug/L)	P-114BR	0	-15	-78	No	21	90.48	n/a	n/a	0.02	NP
Arsenic (ug/L)	MW-204A	0	-6	-78	No	21	95.24	n/a	n/a	0.02	NP
Arsenic (ug/L)	P-120B (bg)	0	31	84	No	22	90.91	n/a	n/a	0.02	NP
Arsenic (ug/L)	MW-137A	0	21	73	No	20	75	n/a	n/a	0.02	NP
Arsenic (ug/L)	MW-202A	0.02014	30	84	No	22	31.82	n/a	n/a	0.02	NP
Arsenic (ug/L)	MW-401A	0	-70	-89	No	23	65.22	n/a	n/a	0.02	NP
Arsenic (ug/L)	MW-402A	0.02588	39	84	No	22	22.73	n/a	n/a	0.02	NP
Arsenic (ug/L)	OW-306AR	-0.09405	-29	-48	No	15	20	n/a	n/a	0.02	NP
Arsenic (ug/L)	**MW-109ARR**	**0.7662**	**142**	**84**	**Yes**	**22**	**13.64**	**n/a**	**n/a**	**0.02**	**NP**
Arsenic (ug/L)	MW-502A	0	23	78	No	21	90.48	n/a	n/a	0.02	NP
Arsenic (ug/L)	MW-404A	0	-12	-84	No	22	86.36	n/a	n/a	0.02	NP
Arsenic (ug/L)	P-504B (bg)	0	25	48	No	15	60	n/a	n/a	0.02	NP

Trend Test

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 12:37 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Arsenic (ug/L)	P-503B (bg)	0	6	73	No	20	85	n/a	n/a	0.02	NP
Arsenic (ug/L)	MW-108AR	0	50	68	No	19	73.68	n/a	n/a	0.02	NP
Arsenic (ug/L)	MW-505A (bg)	0	-9	-63	No	18	94.44	n/a	n/a	0.02	NP
Arsenic (ug/L)	MW-501A	0	7	78	No	21	85.71	n/a	n/a	0.02	NP
Arsenic (ug/L)	MW-605	0	11	48	No	15	80	n/a	n/a	0.02	NP
Arsenic (ug/L)	MW-604	0	-1	-48	No	15	86.67	n/a	n/a	0.02	NP
Barium (ug/L)	**MW-102A**	**22.36**	**174**	**84**	**Yes**	**22**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Barium (ug/L)	**OW-301A**	**13.72**	**103**	**63**	**Yes**	**18**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Barium (ug/L)	**MW-201A**	**-18.51**	**-148**	**-95**	**Yes**	**24**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Barium (ug/L)	MW-103A	4.144	37	84	No	22	0	n/a	n/a	0.02	NP
Barium (ug/L)	**MW-114AR**	**-5.498**	**-98**	**-84**	**Yes**	**22**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Barium (ug/L)	MW-120AR ...	-1.659	-94	-95	No	24	0	n/a	n/a	0.02	NP
Barium (ug/L)	P-105B	-0.865	-25	-78	No	21	0	n/a	n/a	0.02	NP
Barium (ug/L)	MW-504A (bg)	-1.706	-5	-13	No	6	0	n/a	n/a	0.02	NP
Barium (ug/L)	P-108B	0.9391	39	84	No	22	0	n/a	n/a	0.02	NP
Barium (ug/L)	**MW-403A**	**6.672**	**156**	**84**	**Yes**	**22**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Barium (ug/L)	**P-114BR**	**2.786**	**97**	**84**	**Yes**	**22**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Barium (ug/L)	**MW-204A**	**-4.097**	**-103**	**-95**	**Yes**	**24**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Barium (ug/L)	P-120B (bg)	-0.2716	-71	-84	No	22	0	n/a	n/a	0.02	NP
Barium (ug/L)	MW-137A	1.953	31	73	No	20	0	n/a	n/a	0.02	NP
Barium (ug/L)	MW-202A	-13.45	-27	-95	No	24	0	n/a	n/a	0.02	NP
Barium (ug/L)	**MW-401A**	**10.47**	**140**	**101**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Barium (ug/L)	**MW-402A**	**-1.806**	**-90**	**-84**	**Yes**	**22**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Barium (ug/L)	OW-306AR	-8.878	-46	-48	No	15	0	n/a	n/a	0.02	NP
Barium (ug/L)	**MW-109ARR**	**20.59**	**157**	**84**	**Yes**	**22**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Barium (ug/L)	**MW-502A**	**-1.677**	**-152**	**-78**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Barium (ug/L)	MW-404A	-0.05775	-6	-84	No	22	0	n/a	n/a	0.02	NP
Barium (ug/L)	**P-504B (bg)**	**17.19**	**73**	**48**	**Yes**	**15**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Barium (ug/L)	P-503B (bg)	-0.5809	-15	-73	No	20	0	n/a	n/a	0.02	NP
Barium (ug/L)	MW-108AR	-7.409	-45	-58	No	17	0	n/a	n/a	0.02	NP
Barium (ug/L)	MW-505A (bg)	0.9901	19	63	No	18	0	n/a	n/a	0.02	NP
Barium (ug/L)	MW-501A	-1.349	-34	-78	No	21	0	n/a	n/a	0.02	NP
Barium (ug/L)	**MW-605**	**20.33**	**69**	**48**	**Yes**	**15**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Barium (ug/L)	MW-604	5.719	27	48	No	15	0	n/a	n/a	0.02	NP
Beryllium (ug/L)	MW-102A	0	17	84	No	22	95.45	n/a	n/a	0.02	NP
Beryllium (ug/L)	OW-301A	0	0	68	No	19	100	n/a	n/a	0.02	NP
Beryllium (ug/L)	MW-201A	0	19	95	No	24	95.83	n/a	n/a	0.02	NP
Beryllium (ug/L)	MW-103A	0	21	95	No	24	95.83	n/a	n/a	0.02	NP
Beryllium (ug/L)	MW-114AR	0	0	84	No	22	100	n/a	n/a	0.02	NP
Beryllium (ug/L)	MW-120AR ...	0	0	95	No	24	100	n/a	n/a	0.02	NP
Beryllium (ug/L)	P-105B	0	0	84	No	22	100	n/a	n/a	0.02	NP
Beryllium (ug/L)	MW-504A (bg)	0	0	13	No	6	100	n/a	n/a	0.02	NP
Beryllium (ug/L)	P-108B	0	17	84	No	22	95.45	n/a	n/a	0.02	NP
Beryllium (ug/L)	MW-403A	0	17	84	No	22	95.45	n/a	n/a	0.02	NP
Beryllium (ug/L)	P-114BR	0	0	84	No	22	100	n/a	n/a	0.02	NP
Beryllium (ug/L)	MW-204A	0	5	95	No	24	95.83	n/a	n/a	0.02	NP
Beryllium (ug/L)	P-120B (bg)	0	0	84	No	22	100	n/a	n/a	0.02	NP
Beryllium (ug/L)	MW-137A	0	20	89	No	23	95.65	n/a	n/a	0.02	NP
Beryllium (ug/L)	MW-202A	0	0	95	No	24	100	n/a	n/a	0.02	NP
Beryllium (ug/L)	MW-401A	0	18	89	No	23	95.65	n/a	n/a	0.02	NP

Trend Test

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 12:37 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Beryllium (ug/L)	MW-402A	0	17	84	No	22	95.45	n/a	n/a	0.02	NP
Beryllium (ug/L)	OW-306AR	0	0	48	No	15	93.33	n/a	n/a	0.02	NP
Beryllium (ug/L)	MW-109ARR	0	5	84	No	22	95.45	n/a	n/a	0.02	NP
Beryllium (ug/L)	MW-502A	0	0	78	No	21	100	n/a	n/a	0.02	NP
Beryllium (ug/L)	MW-404A	0	0	84	No	22	100	n/a	n/a	0.02	NP
Beryllium (ug/L)	P-504B (bg)	0	0	48	No	15	100	n/a	n/a	0.02	NP
Beryllium (ug/L)	P-503B (bg)	0	0	73	No	20	100	n/a	n/a	0.02	NP
Beryllium (ug/L)	MW-108AR	0	14	68	No	19	94.74	n/a	n/a	0.02	NP
Beryllium (ug/L)	MW-505A (bg)	0	0	63	No	18	100	n/a	n/a	0.02	NP
Beryllium (ug/L)	MW-501A	0	0	78	No	21	100	n/a	n/a	0.02	NP
Beryllium (ug/L)	MW-605	0	0	48	No	15	100	n/a	n/a	0.02	NP
Beryllium (ug/L)	MW-604	0	0	48	No	15	100	n/a	n/a	0.02	NP
Cadmium (ug/L)	MW-102A	0	1	84	No	22	95.45	n/a	n/a	0.02	NP
Cadmium (ug/L)	OW-301A	0	33	58	No	17	52.94	n/a	n/a	0.02	NP
Cadmium (ug/L)	MW-201A	0	64	84	No	22	54.55	n/a	n/a	0.02	NP
Cadmium (ug/L)	MW-103A	0	3	95	No	24	91.67	n/a	n/a	0.02	NP
Cadmium (ug/L)	MW-114AR	0	18	84	No	22	59.09	n/a	n/a	0.02	NP
Cadmium (ug/L)	MW-120AR ...	0	42	95	No	24	87.5	n/a	n/a	0.02	NP
Cadmium (ug/L)	P-105B	0	0	84	No	22	100	n/a	n/a	0.02	NP
Cadmium (ug/L)	MW-504A (bg)	0	5	13	No	6	66.67	n/a	n/a	0.02	NP
Cadmium (ug/L)	P-108B	0	0	84	No	22	100	n/a	n/a	0.02	NP
Cadmium (ug/L)	MW-403A	0	19	89	No	23	65.22	n/a	n/a	0.02	NP
Cadmium (ug/L)	P-114BR	0	0	84	No	22	100	n/a	n/a	0.02	NP
Cadmium (ug/L)	**MW-204A**	**-0.00...**	**-80**	**-78**	**Yes**	**21**	**28.57**	**n/a**	**n/a**	**0.02**	**NP**
Cadmium (ug/L)	P-120B (bg)	0	51	84	No	22	77.27	n/a	n/a	0.02	NP
Cadmium (ug/L)	MW-137A	0	39	89	No	23	69.57	n/a	n/a	0.02	NP
Cadmium (ug/L)	MW-202A	0	3	95	No	24	91.67	n/a	n/a	0.02	NP
Cadmium (ug/L)	MW-401A	0	24	95	No	24	66.67	n/a	n/a	0.02	NP
Cadmium (ug/L)	MW-402A	0	9	84	No	22	90.91	n/a	n/a	0.02	NP
Cadmium (ug/L)	OW-306AR	0.005109	32	48	No	15	40	n/a	n/a	0.02	NP
Cadmium (ug/L)	MW-109ARR	0	21	84	No	22	72.73	n/a	n/a	0.02	NP
Cadmium (ug/L)	MW-502A	0	12	78	No	21	80.95	n/a	n/a	0.02	NP
Cadmium (ug/L)	MW-404A	0	6	84	No	22	86.36	n/a	n/a	0.02	NP
Cadmium (ug/L)	P-504B (bg)	0	16	48	No	15	66.67	n/a	n/a	0.02	NP
Cadmium (ug/L)	P-503B (bg)	0	44	73	No	20	80	n/a	n/a	0.02	NP
Cadmium (ug/L)	MW-108AR	0	-3	-68	No	19	63.16	n/a	n/a	0.02	NP
Cadmium (ug/L)	MW-505A (bg)	0	2	63	No	18	83.33	n/a	n/a	0.02	NP
Cadmium (ug/L)	MW-501A	0.003984	69	84	No	22	40.91	n/a	n/a	0.02	NP
Cadmium (ug/L)	**MW-605**	**0.009272**	**48**	**44**	**Yes**	**14**	**42.86**	**n/a**	**n/a**	**0.02**	**NP**
Cadmium (ug/L)	MW-604	0	0	44	No	14	100	n/a	n/a	0.02	NP
Chromium (ug/L)	MW-102A	0	0	84	No	22	100	n/a	n/a	0.02	NP
Chromium (ug/L)	OW-301A	0	8	68	No	19	94.74	n/a	n/a	0.02	NP
Chromium (ug/L)	MW-201A	0	-7	-95	No	24	95.83	n/a	n/a	0.02	NP
Chromium (ug/L)	MW-103A	0	-7	-95	No	24	95.83	n/a	n/a	0.02	NP
Chromium (ug/L)	MW-114AR	0	5	84	No	22	95.45	n/a	n/a	0.02	NP
Chromium (ug/L)	MW-120AR ...	0	36	89	No	23	82.61	n/a	n/a	0.02	NP
Chromium (ug/L)	P-105B	0	0	84	No	22	100	n/a	n/a	0.02	NP
Chromium (ug/L)	MW-504A (bg)	0.1134	4	13	No	6	33.33	n/a	n/a	0.02	NP
Chromium (ug/L)	P-108B	0	5	84	No	22	95.45	n/a	n/a	0.02	NP
Chromium (ug/L)	MW-403A	0	0	84	No	22	100	n/a	n/a	0.02	NP

Trend Test

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 12:37 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Chromium (ug/L)	P-114BR	0	-3	-84	No	22	90.91	n/a	n/a	0.02	NP
Chromium (ug/L)	MW-204A	0	11	95	No	24	91.67	n/a	n/a	0.02	NP
Chromium (ug/L)	P-120B (bg)	0	34	84	No	22	86.36	n/a	n/a	0.02	NP
Chromium (ug/L)	MW-137A	0	-9	-89	No	23	91.3	n/a	n/a	0.02	NP
Chromium (ug/L)	MW-202A	0	9	95	No	24	91.67	n/a	n/a	0.02	NP
Chromium (ug/L)	MW-401A	0	-6	-89	No	23	95.65	n/a	n/a	0.02	NP
Chromium (ug/L)	MW-402A	0	-5	-84	No	22	95.45	n/a	n/a	0.02	NP
Chromium (ug/L)	OW-306AR	0	-21	-48	No	15	60	n/a	n/a	0.02	NP
Chromium (ug/L)	MW-109ARR	0	3	84	No	22	90.91	n/a	n/a	0.02	NP
Chromium (ug/L)	MW-502A	0	9	78	No	21	85.71	n/a	n/a	0.02	NP
Chromium (ug/L)	MW-404A	0	9	84	No	22	90.91	n/a	n/a	0.02	NP
Chromium (ug/L)	P-504B (bg)	0	12	48	No	15	93.33	n/a	n/a	0.02	NP
Chromium (ug/L)	P-503B (bg)	0	62	73	No	20	80	n/a	n/a	0.02	NP
Chromium (ug/L)	MW-108AR	0	25	68	No	19	84.21	n/a	n/a	0.02	NP
Chromium (ug/L)	MW-505A (bg)	0	5	63	No	18	88.89	n/a	n/a	0.02	NP
Chromium (ug/L)	MW-501A	0	9	78	No	21	85.71	n/a	n/a	0.02	NP
Chromium (ug/L)	MW-605	0	0	48	No	15	100	n/a	n/a	0.02	NP
Chromium (ug/L)	MW-604	0	0	48	No	15	100	n/a	n/a	0.02	NP
Cobalt (ug/L)	MW-102A	0.1037	77	84	No	22	0	n/a	n/a	0.02	NP
Cobalt (ug/L)	OW-301A	0.008894	3	68	No	19	5.263	n/a	n/a	0.02	NP
Cobalt (ug/L)	MW-201A	-0.1068	-30	-95	No	24	0	n/a	n/a	0.02	NP
Cobalt (ug/L)	**MW-103A**	**0.00671**	**109**	**95**	**Yes**	**24**	**45.83**	**n/a**	**n/a**	**0.02**	**NP**
Cobalt (ug/L)	**MW-114AR**	**0.009392**	**96**	**84**	**Yes**	**22**	**45.45**	**n/a**	**n/a**	**0.02**	**NP**
Cobalt (ug/L)	MW-120AR ...	0.04737	54	95	No	24	4.167	n/a	n/a	0.02	NP
Cobalt (ug/L)	P-105B	0	32	84	No	22	50	n/a	n/a	0.02	NP
Cobalt (ug/L)	MW-504A (bg)	-0.00...	0	10	No	5	0	n/a	n/a	0.02	NP
Cobalt (ug/L)	P-108B	0	46	84	No	22	86.36	n/a	n/a	0.02	NP
Cobalt (ug/L)	MW-403A	0.01708	25	84	No	22	0	n/a	n/a	0.02	NP
Cobalt (ug/L)	P-114BR	0	32	84	No	22	81.82	n/a	n/a	0.02	NP
Cobalt (ug/L)	**MW-204A**	**0.09632**	**101**	**89**	**Yes**	**23**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Cobalt (ug/L)	P-120B (bg)	0.04432	60	84	No	22	9.091	n/a	n/a	0.02	NP
Cobalt (ug/L)	MW-137A	0.019	54	89	No	23	26.09	n/a	n/a	0.02	NP
Cobalt (ug/L)	MW-202A	0.02094	7	95	No	24	0	n/a	n/a	0.02	NP
Cobalt (ug/L)	MW-401A	0.07217	70	95	No	24	0	n/a	n/a	0.02	NP
Cobalt (ug/L)	**MW-402A**	**-0.08551**	**-154**	**-89**	**Yes**	**23**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Cobalt (ug/L)	OW-306AR	-0.1171	-22	-48	No	15	0	n/a	n/a	0.02	NP
Cobalt (ug/L)	**MW-109ARR**	**0.1747**	**138**	**84**	**Yes**	**22**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Cobalt (ug/L)	**MW-502A**	**-0.02966**	**-80**	**-78**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Cobalt (ug/L)	**MW-404A**	**0.06284**	**104**	**89**	**Yes**	**23**	**8.696**	**n/a**	**n/a**	**0.02**	**NP**
Cobalt (ug/L)	P-504B (bg)	0.3388	37	48	No	15	0	n/a	n/a	0.02	NP
Cobalt (ug/L)	**P-503B (bg)**	**0.147**	**79**	**68**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Cobalt (ug/L)	**MW-108AR**	**0.07358**	**77**	**68**	**Yes**	**19**	**5.263**	**n/a**	**n/a**	**0.02**	**NP**
Cobalt (ug/L)	MW-505A (bg)	0	-23	-63	No	18	50	n/a	n/a	0.02	NP
Cobalt (ug/L)	**MW-501A**	**0.2049**	**178**	**101**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Cobalt (ug/L)	MW-605	0.05773	48	73	No	20	0	n/a	n/a	0.02	NP
Cobalt (ug/L)	MW-604	0	58	73	No	20	80	n/a	n/a	0.02	NP
Copper (ug/L)	MW-102A	0	12	84	No	22	81.82	n/a	n/a	0.02	NP
Copper (ug/L)	OW-301A	0	27	68	No	19	89.47	n/a	n/a	0.02	NP
Copper (ug/L)	MW-201A	0	56	95	No	24	66.67	n/a	n/a	0.02	NP
Copper (ug/L)	MW-103A	0	60	95	No	24	83.33	n/a	n/a	0.02	NP

Trend Test

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 12:37 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Copper (ug/L)	MW-114AR	0	29	84	No	22	77.27	n/a	n/a	0.02	NP
Copper (ug/L)	MW-120AR ...	0	69	95	No	24	58.33	n/a	n/a	0.02	NP
Copper (ug/L)	P-105B	0	8	84	No	22	86.36	n/a	n/a	0.02	NP
Copper (ug/L)	MW-504A (bg)	0	1	13	No	6	66.67	n/a	n/a	0.02	NP
Copper (ug/L)	P-108B	0	64	84	No	22	81.82	n/a	n/a	0.02	NP
Copper (ug/L)	MW-403A	0	17	84	No	22	95.45	n/a	n/a	0.02	NP
Copper (ug/L)	P-114BR	0	-1	-84	No	22	95.45	n/a	n/a	0.02	NP
Copper (ug/L)	**MW-204A**	**0**	**95**	**84**	**Yes**	**22**	**72.73**	**n/a**	**n/a**	**0.02**	**NP**
Copper (ug/L)	P-120B (bg)	0	66	84	No	22	63.64	n/a	n/a	0.02	NP
Copper (ug/L)	MW-137A	0	-2	-89	No	23	78.26	n/a	n/a	0.02	NP
Copper (ug/L)	MW-202A	-0.00...	-22	-95	No	24	29.17	n/a	n/a	0.02	NP
Copper (ug/L)	MW-401A	0	19	89	No	23	91.3	n/a	n/a	0.02	NP
Copper (ug/L)	MW-402A	0	5	84	No	22	95.45	n/a	n/a	0.02	NP
Copper (ug/L)	OW-306AR	0	2	48	No	15	46.67	n/a	n/a	0.02	NP
Copper (ug/L)	MW-109ARR	0	22	84	No	22	86.36	n/a	n/a	0.02	NP
Copper (ug/L)	MW-502A	0	-11	-78	No	21	90.48	n/a	n/a	0.02	NP
Copper (ug/L)	MW-404A	0	28	84	No	22	86.36	n/a	n/a	0.02	NP
Copper (ug/L)	P-504B (bg)	0	20	48	No	15	66.67	n/a	n/a	0.02	NP
Copper (ug/L)	P-503B (bg)	0	60	73	No	20	80	n/a	n/a	0.02	NP
Copper (ug/L)	MW-108AR	0	20	68	No	19	78.95	n/a	n/a	0.02	NP
Copper (ug/L)	MW-505A (bg)	0	-3	-63	No	18	88.89	n/a	n/a	0.02	NP
Copper (ug/L)	MW-501A	0	-15	-78	No	21	85.71	n/a	n/a	0.02	NP
Copper (ug/L)	MW-605	0	8	48	No	15	93.33	n/a	n/a	0.02	NP
Copper (ug/L)	MW-604	0	0	48	No	15	100	n/a	n/a	0.02	NP
Lead (ug/L)	MW-102A	0	-23	-84	No	22	90.91	n/a	n/a	0.02	NP
Lead (ug/L)	OW-301A	0	33	68	No	19	89.47	n/a	n/a	0.02	NP
Lead (ug/L)	MW-201A	0	25	95	No	24	91.67	n/a	n/a	0.02	NP
Lead (ug/L)	MW-103A	0	-4	-84	No	22	81.82	n/a	n/a	0.02	NP
Lead (ug/L)	MW-114AR	0	13	84	No	22	90.91	n/a	n/a	0.02	NP
Lead (ug/L)	MW-120AR ...	0.006876	80	95	No	24	54.17	n/a	n/a	0.02	NP
Lead (ug/L)	P-105B	0	-43	-84	No	22	77.27	n/a	n/a	0.02	NP
Lead (ug/L)	MW-504A (bg)	0	-1	-13	No	6	66.67	n/a	n/a	0.02	NP
Lead (ug/L)	P-108B	0.000...	1	84	No	22	4.545	n/a	n/a	0.02	NP
Lead (ug/L)	MW-403A	0	2	89	No	23	82.61	n/a	n/a	0.02	NP
Lead (ug/L)	P-114BR	0	0	84	No	22	100	n/a	n/a	0.02	NP
Lead (ug/L)	MW-204A	0	4	89	No	23	78.26	n/a	n/a	0.02	NP
Lead (ug/L)	P-120B (bg)	0	27	84	No	22	77.27	n/a	n/a	0.02	NP
Lead (ug/L)	MW-137A	0	31	89	No	23	86.96	n/a	n/a	0.02	NP
Lead (ug/L)	MW-202A	0	19	95	No	24	95.83	n/a	n/a	0.02	NP
Lead (ug/L)	MW-401A	0	-40	-95	No	24	70.83	n/a	n/a	0.02	NP
Lead (ug/L)	MW-402A	0	3	89	No	23	86.96	n/a	n/a	0.02	NP
Lead (ug/L)	**OW-306AR**	**0.1208**	**49**	**39**	**Yes**	**13**	**15.38**	**n/a**	**n/a**	**0.02**	**NP**
Lead (ug/L)	MW-109ARR	0	3	78	No	21	66.67	n/a	n/a	0.02	NP
Lead (ug/L)	MW-502A	0	-8	-78	No	21	61.9	n/a	n/a	0.02	NP
Lead (ug/L)	MW-404A	0	10	95	No	24	83.33	n/a	n/a	0.02	NP
Lead (ug/L)	P-504B (bg)	0	17	48	No	15	60	n/a	n/a	0.02	NP
Lead (ug/L)	P-503B (bg)	0	38	68	No	19	78.95	n/a	n/a	0.02	NP
Lead (ug/L)	MW-108AR	0.009333	17	68	No	19	21.05	n/a	n/a	0.02	NP
Lead (ug/L)	MW-505A (bg)	0	9	58	No	17	82.35	n/a	n/a	0.02	NP
Lead (ug/L)	MW-501A	0	34	78	No	21	76.19	n/a	n/a	0.02	NP

Trend Test

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 12:37 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Lead (ug/L)	MW-605	0	-8	-48	No	15	93.33	n/a	n/a	0.02	NP
Lead (ug/L)	MW-604	0	4	48	No	15	93.33	n/a	n/a	0.02	NP
Nickel (ug/L)	MW-102A	0	36	84	No	22	45.45	n/a	n/a	0.02	NP
Nickel (ug/L)	OW-301A	0	4	63	No	18	38.89	n/a	n/a	0.02	NP
Nickel (ug/L)	**MW-201A**	**-0.2566**	**-92**	**-89**	**Yes**	**23**	**8.696**	**n/a**	**n/a**	**0.02**	**NP**
Nickel (ug/L)	MW-103A	0	94	95	No	24	66.67	n/a	n/a	0.02	NP
Nickel (ug/L)	**MW-114AR**	**0.09125**	**86**	**84**	**Yes**	**22**	**50**	**n/a**	**n/a**	**0.02**	**NP**
Nickel (ug/L)	MW-120AR ...	-0.0561	-19	-89	No	23	0	n/a	n/a	0.02	NP
Nickel (ug/L)	P-105B	0	8	84	No	22	81.82	n/a	n/a	0.02	NP
Nickel (ug/L)	MW-504A (bg)	-0.00...	0	10	No	5	20	n/a	n/a	0.02	NP
Nickel (ug/L)	P-108B	0	44	84	No	22	86.36	n/a	n/a	0.02	NP
Nickel (ug/L)	MW-403A	0.06451	43	84	No	22	36.36	n/a	n/a	0.02	NP
Nickel (ug/L)	P-114BR	0	4	68	No	19	94.74	n/a	n/a	0.02	NP
Nickel (ug/L)	MW-204A	-0.4581	-89	-95	No	24	0	n/a	n/a	0.02	NP
Nickel (ug/L)	P-120B (bg)	0	41	84	No	22	77.27	n/a	n/a	0.02	NP
Nickel (ug/L)	MW-137A	0	21	68	No	19	63.16	n/a	n/a	0.02	NP
Nickel (ug/L)	MW-202A	0.3953	42	89	No	23	4.348	n/a	n/a	0.02	NP
Nickel (ug/L)	MW-401A	0.1451	41	95	No	24	12.5	n/a	n/a	0.02	NP
Nickel (ug/L)	MW-402A	0	58	84	No	22	81.82	n/a	n/a	0.02	NP
Nickel (ug/L)	OW-306AR	0.168	12	48	No	15	6.667	n/a	n/a	0.02	NP
Nickel (ug/L)	MW-109ARR	0.005558	18	73	No	20	20	n/a	n/a	0.02	NP
Nickel (ug/L)	MW-502A	0	41	78	No	21	85.71	n/a	n/a	0.02	NP
Nickel (ug/L)	MW-404A	0	27	84	No	22	54.55	n/a	n/a	0.02	NP
Nickel (ug/L)	P-504B (bg)	0.1415	14	48	No	15	0	n/a	n/a	0.02	NP
Nickel (ug/L)	P-503B (bg)	0.1486	43	68	No	19	21.05	n/a	n/a	0.02	NP
Nickel (ug/L)	MW-108AR	0.04376	28	63	No	18	11.11	n/a	n/a	0.02	NP
Nickel (ug/L)	MW-505A (bg)	0	36	58	No	17	76.47	n/a	n/a	0.02	NP
Nickel (ug/L)	MW-501A	-0.00...	-2	-78	No	21	0	n/a	n/a	0.02	NP
Nickel (ug/L)	**MW-605**	**0.355**	**82**	**73**	**Yes**	**20**	**5**	**n/a**	**n/a**	**0.02**	**NP**
Nickel (ug/L)	MW-604	0	29	73	No	20	90	n/a	n/a	0.02	NP
Selenium (ug/L)	MW-102A	0	-13	-84	No	22	95.45	n/a	n/a	0.02	NP
Selenium (ug/L)	OW-301A	0	5	68	No	19	52.63	n/a	n/a	0.02	NP
Selenium (ug/L)	MW-201A	0	0	95	No	24	100	n/a	n/a	0.02	NP
Selenium (ug/L)	MW-103A	0	70	95	No	24	70.83	n/a	n/a	0.02	NP
Selenium (ug/L)	MW-114AR	0	63	84	No	22	59.09	n/a	n/a	0.02	NP
Selenium (ug/L)	MW-120AR ...	0	28	95	No	24	83.33	n/a	n/a	0.02	NP
Selenium (ug/L)	P-105B	0	0	84	No	22	100	n/a	n/a	0.02	NP
Selenium (ug/L)	MW-504A (bg)	0	-5	-13	No	6	83.33	n/a	n/a	0.02	NP
Selenium (ug/L)	P-108B	0	37	84	No	22	77.27	n/a	n/a	0.02	NP
Selenium (ug/L)	MW-403A	0	-13	-84	No	22	95.45	n/a	n/a	0.02	NP
Selenium (ug/L)	P-114BR	0	13	84	No	22	95.45	n/a	n/a	0.02	NP
Selenium (ug/L)	MW-204A	0	-9	-95	No	24	91.67	n/a	n/a	0.02	NP
Selenium (ug/L)	P-120B (bg)	0	17	84	No	22	95.45	n/a	n/a	0.02	NP
Selenium (ug/L)	MW-137A	0	-7	-89	No	23	91.3	n/a	n/a	0.02	NP
Selenium (ug/L)	MW-202A	0	0	95	No	24	100	n/a	n/a	0.02	NP
Selenium (ug/L)	MW-401A	0	1	89	No	23	91.3	n/a	n/a	0.02	NP
Selenium (ug/L)	MW-402A	0	-13	-84	No	22	95.45	n/a	n/a	0.02	NP
Selenium (ug/L)	OW-306AR	0	4	48	No	15	66.67	n/a	n/a	0.02	NP
Selenium (ug/L)	MW-109ARR	0	13	84	No	22	95.45	n/a	n/a	0.02	NP
Selenium (ug/L)	MW-502A	0	15	78	No	21	90.48	n/a	n/a	0.02	NP

Trend Test

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 12:37 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Selenium (ug/L)	MW-404A	0	-17	-84	No	22	90.91	n/a	n/a	0.02	NP
Selenium (ug/L)	P-504B (bg)	0	19	48	No	15	86.67	n/a	n/a	0.02	NP
Selenium (ug/L)	P-503B (bg)	0	13	73	No	20	95	n/a	n/a	0.02	NP
Selenium (ug/L)	MW-108AR	0	-12	-68	No	19	94.74	n/a	n/a	0.02	NP
Selenium (ug/L)	MW-505A (bg)	0	0	63	No	18	100	n/a	n/a	0.02	NP
Selenium (ug/L)	MW-501A	0	8	78	No	21	95.24	n/a	n/a	0.02	NP
Selenium (ug/L)	MW-605	0	0	48	No	15	100	n/a	n/a	0.02	NP
Selenium (ug/L)	MW-604	0	10	48	No	15	93.33	n/a	n/a	0.02	NP
Silver (ug/L)	MW-102A	0	0	84	No	22	100	n/a	n/a	0.02	NP
Silver (ug/L)	OW-301A	0	35	68	No	19	84.21	n/a	n/a	0.02	NP
Silver (ug/L)	MW-201A	0	0	95	No	24	100	n/a	n/a	0.02	NP
Silver (ug/L)	MW-103A	0	29	95	No	24	91.67	n/a	n/a	0.02	NP
Silver (ug/L)	MW-114AR	0	0	84	No	22	100	n/a	n/a	0.02	NP
Silver (ug/L)	MW-120AR ...	0	33	95	No	24	91.67	n/a	n/a	0.02	NP
Silver (ug/L)	P-105B	0	48	84	No	22	86.36	n/a	n/a	0.02	NP
Silver (ug/L)	MW-504A (bg)	0	0	13	No	6	100	n/a	n/a	0.02	NP
Silver (ug/L)	P-108B	0	25	84	No	22	90.91	n/a	n/a	0.02	NP
Silver (ug/L)	MW-403A	0	0	84	No	22	100	n/a	n/a	0.02	NP
Silver (ug/L)	P-114BR	0	0	84	No	22	100	n/a	n/a	0.02	NP
Silver (ug/L)	MW-204A	0	23	95	No	24	91.67	n/a	n/a	0.02	NP
Silver (ug/L)	P-120B (bg)	0	27	84	No	22	90.91	n/a	n/a	0.02	NP
Silver (ug/L)	MW-137A	0	0	89	No	23	100	n/a	n/a	0.02	NP
Silver (ug/L)	MW-202A	0	0	95	No	24	100	n/a	n/a	0.02	NP
Silver (ug/L)	MW-401A	0	18	89	No	23	95.65	n/a	n/a	0.02	NP
Silver (ug/L)	MW-402A	0	17	84	No	22	95.45	n/a	n/a	0.02	NP
Silver (ug/L)	OW-306AR	0	0	48	No	15	93.33	n/a	n/a	0.02	NP
Silver (ug/L)	MW-109ARR	0	23	84	No	22	90.91	n/a	n/a	0.02	NP
Silver (ug/L)	MW-502A	0	0	78	No	21	100	n/a	n/a	0.02	NP
Silver (ug/L)	MW-404A	0	21	84	No	22	95.45	n/a	n/a	0.02	NP
Silver (ug/L)	P-504B (bg)	0	6	48	No	15	93.33	n/a	n/a	0.02	NP
Silver (ug/L)	P-503B (bg)	0	-7	-73	No	20	95	n/a	n/a	0.02	NP
Silver (ug/L)	MW-108AR	0	14	68	No	19	94.74	n/a	n/a	0.02	NP
Silver (ug/L)	MW-505A (bg)	0	13	63	No	18	88.89	n/a	n/a	0.02	NP
Silver (ug/L)	MW-501A	0	8	78	No	21	95.24	n/a	n/a	0.02	NP
Silver (ug/L)	MW-605	0	0	48	No	15	100	n/a	n/a	0.02	NP
Silver (ug/L)	MW-604	0	0	48	No	15	100	n/a	n/a	0.02	NP
Thallium (ug/L)	MW-102A	0	17	84	No	22	95.45	n/a	n/a	0.02	NP
Thallium (ug/L)	OW-301A	0	29	68	No	19	84.21	n/a	n/a	0.02	NP
Thallium (ug/L)	MW-201A	0	0	95	No	24	100	n/a	n/a	0.02	NP
Thallium (ug/L)	MW-103A	0	19	95	No	24	95.83	n/a	n/a	0.02	NP
Thallium (ug/L)	MW-114AR	0	29	84	No	22	90.91	n/a	n/a	0.02	NP
Thallium (ug/L)	MW-120AR ...	0	16	95	No	24	87.5	n/a	n/a	0.02	NP
Thallium (ug/L)	P-105B	0	46	84	No	22	86.36	n/a	n/a	0.02	NP
Thallium (ug/L)	MW-504A (bg)	0	0	13	No	6	100	n/a	n/a	0.02	NP
Thallium (ug/L)	P-108B	0	63	84	No	22	77.27	n/a	n/a	0.02	NP
Thallium (ug/L)	MW-403A	0	27	84	No	22	90.91	n/a	n/a	0.02	NP
Thallium (ug/L)	P-114BR	0	0	84	No	22	100	n/a	n/a	0.02	NP
Thallium (ug/L)	**MW-204A**	**0**	**103**	**89**	**Yes**	**23**	**69.57**	**n/a**	**n/a**	**0.02**	**NP**
Thallium (ug/L)	P-120B (bg)	0	13	84	No	22	95.45	n/a	n/a	0.02	NP
Thallium (ug/L)	MW-137A	0	21	89	No	23	91.3	n/a	n/a	0.02	NP

Trend Test

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 12:37 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Thallium (ug/L)	MW-202A	0	39	95	No	24	91.67	n/a	n/a	0.02	NP
Thallium (ug/L)	MW-401A	0	-6	-89	No	23	95.65	n/a	n/a	0.02	NP
Thallium (ug/L)	MW-402A	0	0	84	No	22	100	n/a	n/a	0.02	NP
Thallium (ug/L)	OW-306AR	0	0	48	No	15	100	n/a	n/a	0.02	NP
Thallium (ug/L)	MW-109ARR	0	83	84	No	22	77.27	n/a	n/a	0.02	NP
Thallium (ug/L)	MW-502A	0	21	84	No	22	90.91	n/a	n/a	0.02	NP
Thallium (ug/L)	MW-404A	0	4	89	No	23	95.65	n/a	n/a	0.02	NP
Thallium (ug/L)	P-504B (bg)	0	17	48	No	15	80	n/a	n/a	0.02	NP
Thallium (ug/L)	P-503B (bg)	0	17	73	No	20	95	n/a	n/a	0.02	NP
Thallium (ug/L)	MW-108AR	0	52	68	No	19	73.68	n/a	n/a	0.02	NP
Thallium (ug/L)	MW-505A (bg)	0	11	63	No	18	88.89	n/a	n/a	0.02	NP
Thallium (ug/L)	MW-501A	0	64	78	No	21	80.95	n/a	n/a	0.02	NP
Thallium (ug/L)	MW-605	0	3	48	No	15	86.67	n/a	n/a	0.02	NP
Thallium (ug/L)	MW-604	0	0	48	No	15	100	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	**MW-102A**	**4.084**	**132**	**84**	**Yes**	**22**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Total Suspended Solids (mg/L)	**OW-301A**	**1.009**	**85**	**68**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Total Suspended Solids (mg/L)	MW-201A	0.1767	59	95	No	24	4.167	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-103A	0.02512	22	89	No	23	26.09	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-114AR	0.0449	23	78	No	21	19.05	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-120AR ...	0.01342	3	89	No	23	4.348	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	P-105B	0	-21	-84	No	22	45.45	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-504A (bg)	0.7758	4	10	No	5	0	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	P-108B	0	-4	-73	No	20	55	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-403A	0	-31	-95	No	24	50	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	P-114BR	0	36	84	No	22	68.18	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-204A	0.03828	27	84	No	22	22.73	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	P-120B (bg)	0.07123	37	84	No	22	9.091	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-137A	0.07346	55	89	No	23	21.74	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-202A	0.3894	51	95	No	24	0	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-401A	-0.3784	-114	-119	No	28	0	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	**MW-402A**	**1.027**	**138**	**84**	**Yes**	**22**	**9.091**	**n/a**	**n/a**	**0.02**	**NP**
Total Suspended Solids (mg/L)	**OW-306AR**	**7.568**	**45**	**44**	**Yes**	**14**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Total Suspended Solids (mg/L)	**MW-109ARR**	**2.508**	**114**	**84**	**Yes**	**22**	**4.545**	**n/a**	**n/a**	**0.02**	**NP**
Total Suspended Solids (mg/L)	MW-502A	-1.244	-44	-84	No	22	0	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-404A	0.06575	3	101	No	25	0	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	**P-504B (bg)**	**4.323**	**51**	**48**	**Yes**	**15**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Total Suspended Solids (mg/L)	**P-503B (bg)**	**4.262**	**106**	**73**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Total Suspended Solids (mg/L)	MW-108AR	0.3726	48	68	No	19	10.53	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-505A (bg)	0.07129	13	63	No	18	16.67	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	**MW-501A**	**2.167**	**106**	**101**	**Yes**	**25**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Total Suspended Solids (mg/L)	MW-605	-0.05474	-36	-73	No	20	20	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	MW-604	0.09459	43	68	No	19	21.05	n/a	n/a	0.02	NP
Vanadium (ug/L)	MW-102A	0	29	84	No	22	90.91	n/a	n/a	0.02	NP
Vanadium (ug/L)	**OW-301A**	**0.1078**	**84**	**68**	**Yes**	**19**	**52.63**	**n/a**	**n/a**	**0.02**	**NP**
Vanadium (ug/L)	**MW-201A**	**0**	**102**	**95**	**Yes**	**24**	**66.67**	**n/a**	**n/a**	**0.02**	**NP**
Vanadium (ug/L)	MW-103A	0	7	95	No	24	91.67	n/a	n/a	0.02	NP
Vanadium (ug/L)	MW-114AR	0	39	84	No	22	77.27	n/a	n/a	0.02	NP
Vanadium (ug/L)	MW-120AR ...	0	0	95	No	24	100	n/a	n/a	0.02	NP
Vanadium (ug/L)	P-105B	0	0	84	No	22	100	n/a	n/a	0.02	NP
Vanadium (ug/L)	MW-504A (bg)	0.0978	7	13	No	6	66.67	n/a	n/a	0.02	NP

Trend Test

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 12:37 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Vanadium (ug/L)	P-108B	0	0	84	No	22	100	n/a	n/a	0.02	NP
Vanadium (ug/L)	MW-403A	0	63	84	No	22	72.73	n/a	n/a	0.02	NP
Vanadium (ug/L)	P-114BR	0	9	84	No	22	90.91	n/a	n/a	0.02	NP
Vanadium (ug/L)	MW-204A	0	20	95	No	24	87.5	n/a	n/a	0.02	NP
Vanadium (ug/L)	P-120B (bg)	0	0	84	No	22	100	n/a	n/a	0.02	NP
Vanadium (ug/L)	MW-137A	0	10	89	No	23	82.61	n/a	n/a	0.02	NP
Vanadium (ug/L)	MW-202A	0	73	95	No	24	75	n/a	n/a	0.02	NP
Vanadium (ug/L)	MW-401A	0	28	89	No	23	78.26	n/a	n/a	0.02	NP
Vanadium (ug/L)	MW-402A	0	24	84	No	22	81.82	n/a	n/a	0.02	NP
Vanadium (ug/L)	OW-306AR	0	7	48	No	15	40	n/a	n/a	0.02	NP
Vanadium (ug/L)	MW-109ARR	0	13	84	No	22	90.91	n/a	n/a	0.02	NP
Vanadium (ug/L)	MW-502A	0	54	78	No	21	80.95	n/a	n/a	0.02	NP
Vanadium (ug/L)	MW-404A	0	25	84	No	22	77.27	n/a	n/a	0.02	NP
Vanadium (ug/L)	P-504B (bg)	0	33	48	No	15	80	n/a	n/a	0.02	NP
Vanadium (ug/L)	**P-503B (bg)**	**0**	**81**	**73**	**Yes**	**20**	**70**	**n/a**	**n/a**	**0.02**	**NP**
Vanadium (ug/L)	MW-108AR	0	23	68	No	19	84.21	n/a	n/a	0.02	NP
Vanadium (ug/L)	MW-505A (bg)	0	28	63	No	18	83.33	n/a	n/a	0.02	NP
Vanadium (ug/L)	MW-501A	0	64	78	No	21	76.19	n/a	n/a	0.02	NP
Vanadium (ug/L)	MW-605	0	0	48	No	15	100	n/a	n/a	0.02	NP
Vanadium (ug/L)	MW-604	0	0	48	No	15	100	n/a	n/a	0.02	NP
Zinc (ug/L)	MW-102A	0	0	84	No	22	100	n/a	n/a	0.02	NP
Zinc (ug/L)	OW-301A	0	18	68	No	19	94.74	n/a	n/a	0.02	NP
Zinc (ug/L)	MW-201A	0	7	95	No	24	95.83	n/a	n/a	0.02	NP
Zinc (ug/L)	MW-103A	0	0	95	No	24	100	n/a	n/a	0.02	NP
Zinc (ug/L)	MW-114AR	0	-15	-84	No	22	95.45	n/a	n/a	0.02	NP
Zinc (ug/L)	MW-120AR ...	0	71	95	No	24	75	n/a	n/a	0.02	NP
Zinc (ug/L)	P-105B	0	13	78	No	21	85.71	n/a	n/a	0.02	NP
Zinc (ug/L)	MW-504A (bg)	0	3	13	No	6	83.33	n/a	n/a	0.02	NP
Zinc (ug/L)	P-108B	0	4	84	No	22	68.18	n/a	n/a	0.02	NP
Zinc (ug/L)	MW-403A	0	1	84	No	22	95.45	n/a	n/a	0.02	NP
Zinc (ug/L)	P-114BR	0	19	84	No	22	95.45	n/a	n/a	0.02	NP
Zinc (ug/L)	MW-204A	0	13	89	No	23	91.3	n/a	n/a	0.02	NP
Zinc (ug/L)	P-120B (bg)	0	-3	-84	No	22	77.27	n/a	n/a	0.02	NP
Zinc (ug/L)	MW-137A	0	10	89	No	23	82.61	n/a	n/a	0.02	NP
Zinc (ug/L)	MW-202A	0	7	95	No	24	95.83	n/a	n/a	0.02	NP
Zinc (ug/L)	MW-401A	0	23	89	No	23	91.3	n/a	n/a	0.02	NP
Zinc (ug/L)	MW-402A	0	0	84	No	22	100	n/a	n/a	0.02	NP
Zinc (ug/L)	OW-306AR	-0.06661	-16	-48	No	15	33.33	n/a	n/a	0.02	NP
Zinc (ug/L)	MW-109ARR	0	-3	-84	No	22	90.91	n/a	n/a	0.02	NP
Zinc (ug/L)	MW-502A	0	0	78	No	21	100	n/a	n/a	0.02	NP
Zinc (ug/L)	MW-404A	0	27	84	No	22	90.91	n/a	n/a	0.02	NP
Zinc (ug/L)	P-504B (bg)	0	12	48	No	15	93.33	n/a	n/a	0.02	NP
Zinc (ug/L)	P-503B (bg)	0	-17	-73	No	20	95	n/a	n/a	0.02	NP
Zinc (ug/L)	MW-108AR	0	11	68	No	19	84.21	n/a	n/a	0.02	NP
Zinc (ug/L)	MW-505A (bg)	0	0	63	No	18	100	n/a	n/a	0.02	NP
Zinc (ug/L)	MW-501A	0	41	78	No	21	85.71	n/a	n/a	0.02	NP
Zinc (ug/L)	MW-605	0	0	48	No	15	100	n/a	n/a	0.02	NP
Zinc (ug/L)	MW-604	0	0	48	No	15	100	n/a	n/a	0.02	NP

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Monitoring Wells – Appendix I Metals

Interwell Prediction Limits

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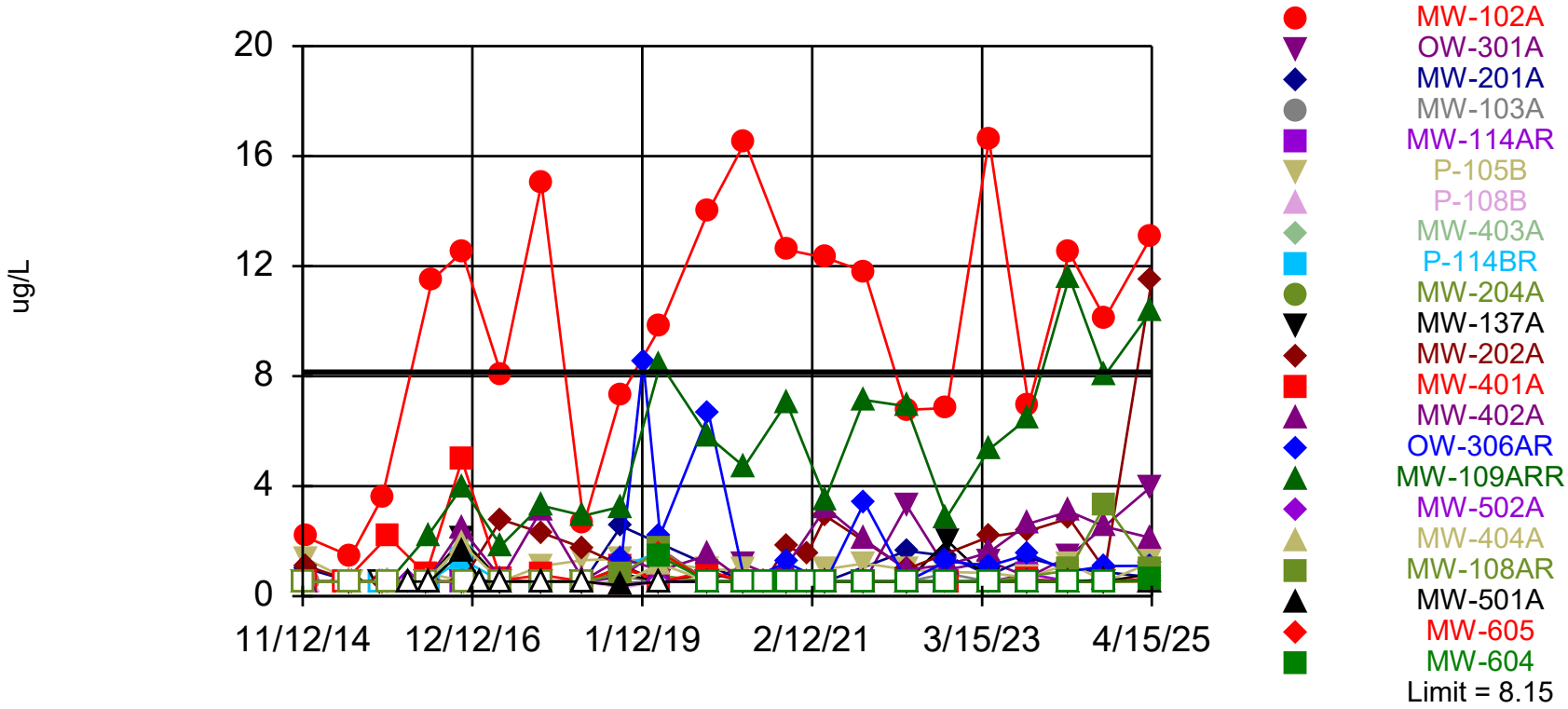
Hollow symbols indicate censored values.

Exceeds Limit: MW-102A, MW-202A, MW-109ARR

Prediction Limit

Interwell Non-parametric



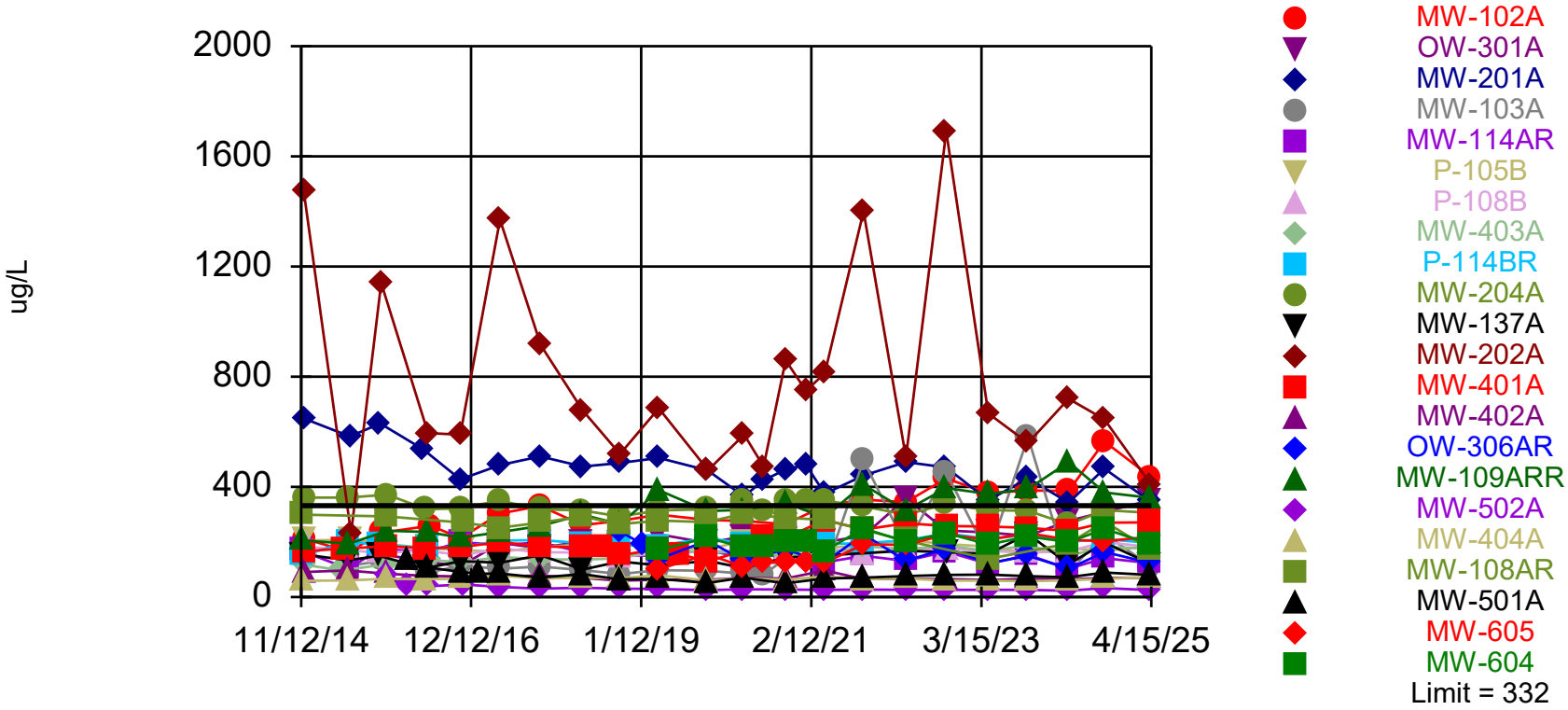
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 105 background values. 83.81% NDs. Annual per-constituent alpha = 0.001787. Individual comparison alpha = 0.0001788 (1 of 2). Comparing 22 points to limit.

Constituent: Arsenic Analysis Run 6/12/2025 12:38 PM View: All Wells - Appendix I Metals DMASWA Data: DMASWA Database_Updated

Exceeds Limit: MW-102A, OW-301A, MW-201A, MW-202A, MW-109ARR

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 105 background values. Annual per-constituent alpha = 0.001787. Individual comparison alpha = 0.0001788 (1 of 2). Comparing 22 points to limit.

Constituent: Barium Analysis Run 6/12/2025 12:38 PM View: All Wells - Appendix I Metals

DMASWA Data: DMASWA Database_Updated

Prediction Limit

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 12:39 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Wells	%NDs	Transform	Alpha	Method
Antimony (ug/L)	MW-102A	1.00	n/a	4/14/2025	1ND	No	100	P-120B,P-5...	90	n/a	0.0001934	NP Inter (NDs) 1 of 2
Antimony (ug/L)	OW-301A	1.00	n/a	4/15/2025	1ND	No	100	P-120B,P-5...	90	n/a	0.0001934	NP Inter (NDs) 1 of 2
Antimony (ug/L)	MW-201A	1.00	n/a	4/14/2025	1ND	No	100	P-120B,P-5...	90	n/a	0.0001934	NP Inter (NDs) 1 of 2
Antimony (ug/L)	MW-103A	1.00	n/a	4/14/2025	1ND	No	100	P-120B,P-5...	90	n/a	0.0001934	NP Inter (NDs) 1 of 2
Antimony (ug/L)	MW-114AR	1.00	n/a	4/15/2025	1ND	No	100	P-120B,P-5...	90	n/a	0.0001934	NP Inter (NDs) 1 of 2
Antimony (ug/L)	P-105B	1.00	n/a	4/14/2025	1ND	No	100	P-120B,P-5...	90	n/a	0.0001934	NP Inter (NDs) 1 of 2
Antimony (ug/L)	P-108B	1.00	n/a	4/15/2025	1ND	No	100	P-120B,P-5...	90	n/a	0.0001934	NP Inter (NDs) 1 of 2
Antimony (ug/L)	MW-403A	1.00	n/a	4/14/2025	1ND	No	100	P-120B,P-5...	90	n/a	0.0001934	NP Inter (NDs) 1 of 2
Antimony (ug/L)	P-114BR	1.00	n/a	4/15/2025	1ND	No	100	P-120B,P-5...	90	n/a	0.0001934	NP Inter (NDs) 1 of 2
Antimony (ug/L)	MW-204A	1.00	n/a	4/14/2025	1ND	No	100	P-120B,P-5...	90	n/a	0.0001934	NP Inter (NDs) 1 of 2
Antimony (ug/L)	MW-137A	1.00	n/a	4/15/2025	1ND	No	100	P-120B,P-5...	90	n/a	0.0001934	NP Inter (NDs) 1 of 2
Antimony (ug/L)	MW-202A	1.00	n/a	4/14/2025	1ND	No	100	P-120B,P-5...	90	n/a	0.0001934	NP Inter (NDs) 1 of 2
Antimony (ug/L)	MW-401A	1.00	n/a	4/14/2025	1ND	No	100	P-120B,P-5...	90	n/a	0.0001934	NP Inter (NDs) 1 of 2
Antimony (ug/L)	MW-402A	1.00	n/a	4/14/2025	1ND	No	100	P-120B,P-5...	90	n/a	0.0001934	NP Inter (NDs) 1 of 2
Antimony (ug/L)	OW-306AR	1.00	n/a	4/15/2025	1ND	No	100	P-120B,P-5...	90	n/a	0.0001934	NP Inter (NDs) 1 of 2
Antimony (ug/L)	MW-109ARR	1.00	n/a	4/15/2025	1ND	No	100	P-120B,P-5...	90	n/a	0.0001934	NP Inter (NDs) 1 of 2
Antimony (ug/L)	MW-502A	1.00	n/a	4/14/2025	1ND	No	100	P-120B,P-5...	90	n/a	0.0001934	NP Inter (NDs) 1 of 2
Antimony (ug/L)	MW-404A	1.00	n/a	4/14/2025	1ND	No	100	P-120B,P-5...	90	n/a	0.0001934	NP Inter (NDs) 1 of 2
Antimony (ug/L)	MW-108AR	1.00	n/a	4/15/2025	1ND	No	100	P-120B,P-5...	90	n/a	0.0001934	NP Inter (NDs) 1 of 2
Antimony (ug/L)	MW-501A	1.00	n/a	4/14/2025	1ND	No	100	P-120B,P-5...	90	n/a	0.0001934	NP Inter (NDs) 1 of 2
Antimony (ug/L)	MW-605	1.00	n/a	4/14/2025	1ND	No	100	P-120B,P-5...	90	n/a	0.0001934	NP Inter (NDs) 1 of 2
Antimony (ug/L)	MW-604	1.00	n/a	4/14/2025	1ND	No	100	P-120B,P-5...	90	n/a	0.0001934	NP Inter (NDs) 1 of 2
Arsenic (ug/L)	**MW-102A**	**8.15**	**n/a**	**4/14/2025**	**13.1**	**Yes**	**105**	**P-503B,MW-...**	**83.81**	**n/a**	**0.0001788**	**NP Inter (NDs) 1 of 2**
Arsenic (ug/L)	OW-301A	8.15	n/a	4/15/2025	4	No	105	P-503B,MW-...	83.81	n/a	0.0001788	NP Inter (NDs) 1 of 2
Arsenic (ug/L)	MW-201A	8.15	n/a	4/14/2025	0.679J	No	105	P-503B,MW-...	83.81	n/a	0.0001788	NP Inter (NDs) 1 of 2
Arsenic (ug/L)	MW-103A	8.15	n/a	4/14/2025	0.53ND	No	105	P-503B,MW-...	83.81	n/a	0.0001788	NP Inter (NDs) 1 of 2
Arsenic (ug/L)	MW-114AR	8.15	n/a	4/15/2025	0.53ND	No	105	P-503B,MW-...	83.81	n/a	0.0001788	NP Inter (NDs) 1 of 2
Arsenic (ug/L)	P-105B	8.15	n/a	4/14/2025	1.23J	No	105	P-503B,MW-...	83.81	n/a	0.0001788	NP Inter (NDs) 1 of 2
Arsenic (ug/L)	P-108B	8.15	n/a	4/15/2025	0.53ND	No	105	P-503B,MW-...	83.81	n/a	0.0001788	NP Inter (NDs) 1 of 2
Arsenic (ug/L)	MW-403A	8.15	n/a	4/14/2025	0.53ND	No	105	P-503B,MW-...	83.81	n/a	0.0001788	NP Inter (NDs) 1 of 2
Arsenic (ug/L)	P-114BR	8.15	n/a	4/15/2025	0.53ND	No	105	P-503B,MW-...	83.81	n/a	0.0001788	NP Inter (NDs) 1 of 2
Arsenic (ug/L)	MW-204A	8.15	n/a	4/14/2025	0.53ND	No	105	P-503B,MW-...	83.81	n/a	0.0001788	NP Inter (NDs) 1 of 2
Arsenic (ug/L)	MW-137A	8.15	n/a	4/15/2025	0.818J	No	105	P-503B,MW-...	83.81	n/a	0.0001788	NP Inter (NDs) 1 of 2
Arsenic (ug/L)	**MW-202A**	**8.15**	**n/a**	**4/14/2025**	**11.5**	**Yes**	**105**	**P-503B,MW-...**	**83.81**	**n/a**	**0.0001788**	**NP Inter (NDs) 1 of 2**
Arsenic (ug/L)	MW-401A	8.15	n/a	4/14/2025	0.53ND	No	105	P-503B,MW-...	83.81	n/a	0.0001788	NP Inter (NDs) 1 of 2
Arsenic (ug/L)	MW-402A	8.15	n/a	4/14/2025	2.11	No	105	P-503B,MW-...	83.81	n/a	0.0001788	NP Inter (NDs) 1 of 2
Arsenic (ug/L)	OW-306AR	8.15	n/a	4/15/2025	1.1J	No	105	P-503B,MW-...	83.81	n/a	0.0001788	NP Inter (NDs) 1 of 2
Arsenic (ug/L)	**MW-109ARR**	**8.15**	**n/a**	**4/15/2025**	**10.4**	**Yes**	**105**	**P-503B,MW-...**	**83.81**	**n/a**	**0.0001788**	**NP Inter (NDs) 1 of 2**
Arsenic (ug/L)	MW-502A	8.15	n/a	4/14/2025	0.53ND	No	105	P-503B,MW-...	83.81	n/a	0.0001788	NP Inter (NDs) 1 of 2
Arsenic (ug/L)	MW-404A	8.15	n/a	4/14/2025	0.53ND	No	105	P-503B,MW-...	83.81	n/a	0.0001788	NP Inter (NDs) 1 of 2
Arsenic (ug/L)	MW-108AR	8.15	n/a	4/15/2025	0.939J	No	105	P-503B,MW-...	83.81	n/a	0.0001788	NP Inter (NDs) 1 of 2
Arsenic (ug/L)	MW-501A	8.15	n/a	4/14/2025	0.53ND	No	105	P-503B,MW-...	83.81	n/a	0.0001788	NP Inter (NDs) 1 of 2
Arsenic (ug/L)	MW-605	8.15	n/a	4/14/2025	0.64J	No	105	P-503B,MW-...	83.81	n/a	0.0001788	NP Inter (NDs) 1 of 2
Arsenic (ug/L)	MW-604	8.15	n/a	4/14/2025	0.561J	No	105	P-503B,MW-...	83.81	n/a	0.0001788	NP Inter (NDs) 1 of 2
Barium (ug/L)	**MW-102A**	**332**	**n/a**	**4/14/2025**	**434**	**Yes**	**105**	**P-120B,MW-...**	**0**	**n/a**	**0.0001788**	**NP Inter (normality) ...**
Barium (ug/L)	**OW-301A**	**332**	**n/a**	**4/15/2025**	**352**	**Yes**	**105**	**P-120B,MW-...**	**0**	**n/a**	**0.0001788**	**NP Inter (normality) ...**
Barium (ug/L)	**MW-201A**	**332**	**n/a**	**4/14/2025**	**345**	**Yes**	**105**	**P-120B,MW-...**	**0**	**n/a**	**0.0001788**	**NP Inter (normality) ...**
Barium (ug/L)	MW-103A	332	n/a	4/14/2025	110	No	105	P-120B,MW-...	0	n/a	0.0001788	NP Inter (normality) ...
Barium (ug/L)	MW-114AR	332	n/a	4/15/2025	122	No	105	P-120B,MW-...	0	n/a	0.0001788	NP Inter (normality) ...
Barium (ug/L)	P-105B	332	n/a	4/14/2025	185	No	105	P-120B,MW-...	0	n/a	0.0001788	NP Inter (normality) ...

Prediction Limit

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 12:39 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Wells	%NDs	Transform	Alpha	Method
Barium (ug/L)	P-108B	332	n/a	4/15/2025	181	No	105	P-120B,MW-...	0	n/a	0.0001788	NP Inter (normality) ...
Barium (ug/L)	MW-403A	332	n/a	4/14/2025	175	No	105	P-120B,MW-...	0	n/a	0.0001788	NP Inter (normality) ...
Barium (ug/L)	P-114BR	332	n/a	4/15/2025	196	No	105	P-120B,MW-...	0	n/a	0.0001788	NP Inter (normality) ...
Barium (ug/L)	MW-204A	332	n/a	4/14/2025	305	No	105	P-120B,MW-...	0	n/a	0.0001788	NP Inter (normality) ...
Barium (ug/L)	MW-137A	332	n/a	4/15/2025	119	No	105	P-120B,MW-...	0	n/a	0.0001788	NP Inter (normality) ...
Barium (ug/L)	**MW-202A**	**332**	**n/a**	**4/14/2025**	**406**	**Yes**	**105**	**P-120B,MW-...**	**0**	**n/a**	**0.0001788**	**NP Inter (normality) ...**
Barium (ug/L)	MW-401A	332	n/a	4/14/2025	271	No	105	P-120B,MW-...	0	n/a	0.0001788	NP Inter (normality) ...
Barium (ug/L)	MW-402A	332	n/a	4/14/2025	70.2	No	105	P-120B,MW-...	0	n/a	0.0001788	NP Inter (normality) ...
Barium (ug/L)	OW-306AR	332	n/a	4/15/2025	122	No	105	P-120B,MW-...	0	n/a	0.0001788	NP Inter (normality) ...
Barium (ug/L)	**MW-109ARR**	**332**	**n/a**	**4/15/2025**	**360**	**Yes**	**105**	**P-120B,MW-...**	**0**	**n/a**	**0.0001788**	**NP Inter (normality) ...**
Barium (ug/L)	MW-502A	332	n/a	4/14/2025	24.2	No	105	P-120B,MW-...	0	n/a	0.0001788	NP Inter (normality) ...
Barium (ug/L)	MW-404A	332	n/a	4/14/2025	72	No	105	P-120B,MW-...	0	n/a	0.0001788	NP Inter (normality) ...
Barium (ug/L)	MW-108AR	332	n/a	4/15/2025	169	No	105	P-120B,MW-...	0	n/a	0.0001788	NP Inter (normality) ...
Barium (ug/L)	MW-501A	332	n/a	4/14/2025	80.3	No	105	P-120B,MW-...	0	n/a	0.0001788	NP Inter (normality) ...
Barium (ug/L)	MW-605	332	n/a	4/14/2025	219	No	105	P-120B,MW-...	0	n/a	0.0001788	NP Inter (normality) ...
Barium (ug/L)	MW-604	332	n/a	4/14/2025	192	No	105	P-120B,MW-...	0	n/a	0.0001788	NP Inter (normality) ...
Beryllium (ug/L)	MW-102A	0.330	n/a	4/14/2025	0.33ND	No	105	P-120B,MW-...	100	n/a	0.0001788	NP Inter (NDs) 1 of 2
Beryllium (ug/L)	OW-301A	0.330	n/a	4/15/2025	0.33ND	No	105	P-120B,MW-...	100	n/a	0.0001788	NP Inter (NDs) 1 of 2
Beryllium (ug/L)	MW-201A	0.330	n/a	4/14/2025	0.33ND	No	105	P-120B,MW-...	100	n/a	0.0001788	NP Inter (NDs) 1 of 2
Beryllium (ug/L)	MW-103A	0.330	n/a	4/14/2025	0.33ND	No	105	P-120B,MW-...	100	n/a	0.0001788	NP Inter (NDs) 1 of 2
Beryllium (ug/L)	MW-114AR	0.330	n/a	4/15/2025	0.33ND	No	105	P-120B,MW-...	100	n/a	0.0001788	NP Inter (NDs) 1 of 2
Beryllium (ug/L)	P-105B	0.330	n/a	4/14/2025	0.33ND	No	105	P-120B,MW-...	100	n/a	0.0001788	NP Inter (NDs) 1 of 2
Beryllium (ug/L)	P-108B	0.330	n/a	4/15/2025	0.33ND	No	105	P-120B,MW-...	100	n/a	0.0001788	NP Inter (NDs) 1 of 2
Beryllium (ug/L)	MW-403A	0.330	n/a	4/14/2025	0.33ND	No	105	P-120B,MW-...	100	n/a	0.0001788	NP Inter (NDs) 1 of 2
Beryllium (ug/L)	P-114BR	0.330	n/a	4/15/2025	0.33ND	No	105	P-120B,MW-...	100	n/a	0.0001788	NP Inter (NDs) 1 of 2
Beryllium (ug/L)	MW-204A	0.330	n/a	4/14/2025	0.33ND	No	105	P-120B,MW-...	100	n/a	0.0001788	NP Inter (NDs) 1 of 2
Beryllium (ug/L)	MW-137A	0.330	n/a	4/15/2025	0.33ND	No	105	P-120B,MW-...	100	n/a	0.0001788	NP Inter (NDs) 1 of 2
Beryllium (ug/L)	MW-202A	0.330	n/a	4/14/2025	0.33ND	No	105	P-120B,MW-...	100	n/a	0.0001788	NP Inter (NDs) 1 of 2
Beryllium (ug/L)	MW-401A	0.330	n/a	4/14/2025	0.33ND	No	105	P-120B,MW-...	100	n/a	0.0001788	NP Inter (NDs) 1 of 2
Beryllium (ug/L)	MW-402A	0.330	n/a	4/14/2025	0.33ND	No	105	P-120B,MW-...	100	n/a	0.0001788	NP Inter (NDs) 1 of 2
Beryllium (ug/L)	OW-306AR	0.330	n/a	4/15/2025	0.33ND	No	105	P-120B,MW-...	100	n/a	0.0001788	NP Inter (NDs) 1 of 2
Beryllium (ug/L)	MW-109ARR	0.330	n/a	4/15/2025	0.33ND	No	105	P-120B,MW-...	100	n/a	0.0001788	NP Inter (NDs) 1 of 2
Beryllium (ug/L)	MW-502A	0.330	n/a	4/14/2025	0.33ND	No	105	P-120B,MW-...	100	n/a	0.0001788	NP Inter (NDs) 1 of 2
Beryllium (ug/L)	MW-404A	0.330	n/a	4/14/2025	0.33ND	No	105	P-120B,MW-...	100	n/a	0.0001788	NP Inter (NDs) 1 of 2
Beryllium (ug/L)	MW-108AR	0.330	n/a	4/15/2025	0.33ND	No	105	P-120B,MW-...	100	n/a	0.0001788	NP Inter (NDs) 1 of 2
Beryllium (ug/L)	MW-501A	0.330	n/a	4/14/2025	0.33ND	No	105	P-120B,MW-...	100	n/a	0.0001788	NP Inter (NDs) 1 of 2
Beryllium (ug/L)	MW-605	0.330	n/a	4/14/2025	0.33ND	No	105	P-120B,MW-...	100	n/a	0.0001788	NP Inter (NDs) 1 of 2
Beryllium (ug/L)	MW-604	0.330	n/a	4/14/2025	0.33ND	No	105	P-120B,MW-...	100	n/a	0.0001788	NP Inter (NDs) 1 of 2
Cadmium (ug/L)	MW-102A	0.283	n/a	4/14/2025	0.1ND	No	105	P-503B,P-1...	79.05	n/a	0.0001788	NP Inter (NDs) 1 of 2
Cadmium (ug/L)	OW-301A	0.283	n/a	4/15/2025	0.1ND	No	105	P-503B,P-1...	79.05	n/a	0.0001788	NP Inter (NDs) 1 of 2
Cadmium (ug/L)	MW-201A	0.283	n/a	4/14/2025	0.1ND	No	105	P-503B,P-1...	79.05	n/a	0.0001788	NP Inter (NDs) 1 of 2
Cadmium (ug/L)	MW-103A	0.283	n/a	4/14/2025	0.1ND	No	105	P-503B,P-1...	79.05	n/a	0.0001788	NP Inter (NDs) 1 of 2
Cadmium (ug/L)	MW-114AR	0.283	n/a	4/15/2025	0.1ND	No	105	P-503B,P-1...	79.05	n/a	0.0001788	NP Inter (NDs) 1 of 2
Cadmium (ug/L)	P-105B	0.283	n/a	4/14/2025	0.1ND	No	105	P-503B,P-1...	79.05	n/a	0.0001788	NP Inter (NDs) 1 of 2
Cadmium (ug/L)	P-108B	0.283	n/a	4/15/2025	0.1ND	No	105	P-503B,P-1...	79.05	n/a	0.0001788	NP Inter (NDs) 1 of 2
Cadmium (ug/L)	MW-403A	0.283	n/a	4/14/2025	0.1ND	No	105	P-503B,P-1...	79.05	n/a	0.0001788	NP Inter (NDs) 1 of 2
Cadmium (ug/L)	P-114BR	0.283	n/a	4/15/2025	0.1ND	No	105	P-503B,P-1...	79.05	n/a	0.0001788	NP Inter (NDs) 1 of 2
Cadmium (ug/L)	MW-204A	0.283	n/a	4/14/2025	0.1ND	No	105	P-503B,P-1...	79.05	n/a	0.0001788	NP Inter (NDs) 1 of 2
Cadmium (ug/L)	MW-137A	0.283	n/a	4/15/2025	0.1ND	No	105	P-503B,P-1...	79.05	n/a	0.0001788	NP Inter (NDs) 1 of 2
Cadmium (ug/L)	MW-202A	0.283	n/a	4/14/2025	0.1ND	No	105	P-503B,P-1...	79.05	n/a	0.0001788	NP Inter (NDs) 1 of 2

Prediction Limit

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 12:39 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Wells	%NDs	Transform	Alpha	Method
Cadmium (ug/L)	MW-401A	0.283	n/a	4/14/2025	0.1ND	No	105	P-503B,P-1...	79.05	n/a	0.0001788	NP Inter (NDs) 1 of 2
Cadmium (ug/L)	MW-402A	0.283	n/a	4/14/2025	0.1ND	No	105	P-503B,P-1...	79.05	n/a	0.0001788	NP Inter (NDs) 1 of 2
Cadmium (ug/L)	OW-306AR	0.283	n/a	4/15/2025	0.1ND	No	105	P-503B,P-1...	79.05	n/a	0.0001788	NP Inter (NDs) 1 of 2
Cadmium (ug/L)	MW-109ARR	0.283	n/a	4/15/2025	0.1ND	No	105	P-503B,P-1...	79.05	n/a	0.0001788	NP Inter (NDs) 1 of 2
Cadmium (ug/L)	MW-502A	0.283	n/a	4/14/2025	0.1ND	No	105	P-503B,P-1...	79.05	n/a	0.0001788	NP Inter (NDs) 1 of 2
Cadmium (ug/L)	MW-404A	0.283	n/a	4/14/2025	0.1ND	No	105	P-503B,P-1...	79.05	n/a	0.0001788	NP Inter (NDs) 1 of 2
Cadmium (ug/L)	MW-108AR	0.283	n/a	4/15/2025	0.1ND	No	105	P-503B,P-1...	79.05	n/a	0.0001788	NP Inter (NDs) 1 of 2
Cadmium (ug/L)	MW-501A	0.283	n/a	4/14/2025	0.1ND	No	105	P-503B,P-1...	79.05	n/a	0.0001788	NP Inter (NDs) 1 of 2
Cadmium (ug/L)	MW-605	0.283	n/a	4/14/2025	0.1ND	No	105	P-503B,P-1...	79.05	n/a	0.0001788	NP Inter (NDs) 1 of 2
Cadmium (ug/L)	MW-604	0.283	n/a	4/14/2025	0.1ND	No	105	P-503B,P-1...	79.05	n/a	0.0001788	NP Inter (NDs) 1 of 2
Chromium (ug/L)	MW-102A	6.21	n/a	4/14/2025	1.8ND	No	104	MW-504A,MW...	82.69	n/a	0.0001817	NP Inter (NDs) 1 of 2
Chromium (ug/L)	OW-301A	6.21	n/a	4/15/2025	1.8ND	No	104	MW-504A,MW...	82.69	n/a	0.0001817	NP Inter (NDs) 1 of 2
Chromium (ug/L)	MW-201A	6.21	n/a	4/14/2025	1.8ND	No	104	MW-504A,MW...	82.69	n/a	0.0001817	NP Inter (NDs) 1 of 2
Chromium (ug/L)	MW-103A	6.21	n/a	4/14/2025	1.8ND	No	104	MW-504A,MW...	82.69	n/a	0.0001817	NP Inter (NDs) 1 of 2
Chromium (ug/L)	MW-114AR	6.21	n/a	4/15/2025	1.8ND	No	104	MW-504A,MW...	82.69	n/a	0.0001817	NP Inter (NDs) 1 of 2
Chromium (ug/L)	P-105B	6.21	n/a	4/14/2025	1.8ND	No	104	MW-504A,MW...	82.69	n/a	0.0001817	NP Inter (NDs) 1 of 2
Chromium (ug/L)	P-108B	6.21	n/a	4/15/2025	1.8ND	No	104	MW-504A,MW...	82.69	n/a	0.0001817	NP Inter (NDs) 1 of 2
Chromium (ug/L)	MW-403A	6.21	n/a	4/14/2025	1.8ND	No	104	MW-504A,MW...	82.69	n/a	0.0001817	NP Inter (NDs) 1 of 2
Chromium (ug/L)	P-114BR	6.21	n/a	4/15/2025	1.8ND	No	104	MW-504A,MW...	82.69	n/a	0.0001817	NP Inter (NDs) 1 of 2
Chromium (ug/L)	MW-204A	6.21	n/a	4/14/2025	1.8ND	No	104	MW-504A,MW...	82.69	n/a	0.0001817	NP Inter (NDs) 1 of 2
Chromium (ug/L)	MW-137A	6.21	n/a	4/15/2025	1.8ND	No	104	MW-504A,MW...	82.69	n/a	0.0001817	NP Inter (NDs) 1 of 2
Chromium (ug/L)	MW-202A	6.21	n/a	4/14/2025	1.8ND	No	104	MW-504A,MW...	82.69	n/a	0.0001817	NP Inter (NDs) 1 of 2
Chromium (ug/L)	MW-401A	6.21	n/a	4/14/2025	1.8ND	No	104	MW-504A,MW...	82.69	n/a	0.0001817	NP Inter (NDs) 1 of 2
Chromium (ug/L)	MW-402A	6.21	n/a	4/14/2025	1.8ND	No	104	MW-504A,MW...	82.69	n/a	0.0001817	NP Inter (NDs) 1 of 2
Chromium (ug/L)	OW-306AR	6.21	n/a	4/15/2025	1.8ND	No	104	MW-504A,MW...	82.69	n/a	0.0001817	NP Inter (NDs) 1 of 2
Chromium (ug/L)	MW-109ARR	6.21	n/a	4/15/2025	1.8ND	No	104	MW-504A,MW...	82.69	n/a	0.0001817	NP Inter (NDs) 1 of 2
Chromium (ug/L)	MW-502A	6.21	n/a	4/14/2025	1.8ND	No	104	MW-504A,MW...	82.69	n/a	0.0001817	NP Inter (NDs) 1 of 2
Chromium (ug/L)	MW-404A	6.21	n/a	4/14/2025	1.8ND	No	104	MW-504A,MW...	82.69	n/a	0.0001817	NP Inter (NDs) 1 of 2
Chromium (ug/L)	MW-108AR	6.21	n/a	4/15/2025	1.8ND	No	104	MW-504A,MW...	82.69	n/a	0.0001817	NP Inter (NDs) 1 of 2
Chromium (ug/L)	MW-501A	6.21	n/a	4/14/2025	1.8ND	No	104	MW-504A,MW...	82.69	n/a	0.0001817	NP Inter (NDs) 1 of 2
Chromium (ug/L)	MW-605	6.21	n/a	4/14/2025	1.8ND	No	104	MW-504A,MW...	82.69	n/a	0.0001817	NP Inter (NDs) 1 of 2
Chromium (ug/L)	MW-604	6.21	n/a	4/14/2025	1.8ND	No	104	MW-504A,MW...	82.69	n/a	0.0001817	NP Inter (NDs) 1 of 2
Cobalt (ug/L)	MW-102A	11.9	n/a	4/14/2025	1.65	No	103	P-120B,MW-...	11.65	n/a	0.0001846	NP Inter (normality) ...
Cobalt (ug/L)	OW-301A	11.9	n/a	4/15/2025	1.11	No	103	P-120B,MW-...	11.65	n/a	0.0001846	NP Inter (normality) ...
Cobalt (ug/L)	MW-201A	11.9	n/a	4/14/2025	1.18	No	103	P-120B,MW-...	11.65	n/a	0.0001846	NP Inter (normality) ...
Cobalt (ug/L)	MW-103A	11.9	n/a	4/14/2025	0.085ND	No	103	P-120B,MW-...	11.65	n/a	0.0001846	NP Inter (normality) ...
Cobalt (ug/L)	MW-114AR	11.9	n/a	4/15/2025	0.226J	No	103	P-120B,MW-...	11.65	n/a	0.0001846	NP Inter (normality) ...
Cobalt (ug/L)	P-105B	11.9	n/a	4/14/2025	0.237J	No	103	P-120B,MW-...	11.65	n/a	0.0001846	NP Inter (normality) ...
Cobalt (ug/L)	P-108B	11.9	n/a	4/15/2025	0.085ND	No	103	P-120B,MW-...	11.65	n/a	0.0001846	NP Inter (normality) ...
Cobalt (ug/L)	MW-403A	11.9	n/a	4/14/2025	0.392J	No	103	P-120B,MW-...	11.65	n/a	0.0001846	NP Inter (normality) ...
Cobalt (ug/L)	P-114BR	11.9	n/a	4/15/2025	0.085ND	No	103	P-120B,MW-...	11.65	n/a	0.0001846	NP Inter (normality) ...
Cobalt (ug/L)	MW-204A	11.9	n/a	4/14/2025	3.04	No	103	P-120B,MW-...	11.65	n/a	0.0001846	NP Inter (normality) ...
Cobalt (ug/L)	MW-137A	11.9	n/a	4/15/2025	0.345J	No	103	P-120B,MW-...	11.65	n/a	0.0001846	NP Inter (normality) ...
Cobalt (ug/L)	MW-202A	11.9	n/a	4/14/2025	1.03	No	103	P-120B,MW-...	11.65	n/a	0.0001846	NP Inter (normality) ...
Cobalt (ug/L)	MW-401A	11.9	n/a	4/14/2025	2.1	No	103	P-120B,MW-...	11.65	n/a	0.0001846	NP Inter (normality) ...
Cobalt (ug/L)	MW-402A	11.9	n/a	4/14/2025	0.99	No	103	P-120B,MW-...	11.65	n/a	0.0001846	NP Inter (normality) ...
Cobalt (ug/L)	OW-306AR	11.9	n/a	4/15/2025	0.885	No	103	P-120B,MW-...	11.65	n/a	0.0001846	NP Inter (normality) ...
Cobalt (ug/L)	MW-109ARR	11.9	n/a	4/15/2025	1.49	No	103	P-120B,MW-...	11.65	n/a	0.0001846	NP Inter (normality) ...
Cobalt (ug/L)	MW-502A	11.9	n/a	4/14/2025	0.344J	No	103	P-120B,MW-...	11.65	n/a	0.0001846	NP Inter (normality) ...
Cobalt (ug/L)	MW-404A	11.9	n/a	4/14/2025	1.02	No	103	P-120B,MW-...	11.65	n/a	0.0001846	NP Inter (normality) ...

Prediction Limit

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 12:39 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Wells	%NDs	Transform	Alpha	Method
Cobalt (ug/L)	MW-108AR	11.9	n/a	4/15/2025	1.21	No	103	P-120B,MW-...	11.65	n/a	0.0001846	NP Inter (normality) ...
Cobalt (ug/L)	MW-501A	11.9	n/a	4/14/2025	3.1	No	103	P-120B,MW-...	11.65	n/a	0.0001846	NP Inter (normality) ...
Cobalt (ug/L)	MW-605	11.9	n/a	4/14/2025	1.49	No	103	P-120B,MW-...	11.65	n/a	0.0001846	NP Inter (normality) ...
Cobalt (ug/L)	MW-604	11.9	n/a	4/14/2025	0.173J	No	103	P-120B,MW-...	11.65	n/a	0.0001846	NP Inter (normality) ...
Copper (ug/L)	MW-102A	8.64	n/a	4/14/2025	3.2ND	No	105	MW-120AR,P...	70.48	n/a	0.0001788	NP Inter (NDs) 1 of 2
Copper (ug/L)	OW-301A	8.64	n/a	4/15/2025	3.2ND	No	105	MW-120AR,P...	70.48	n/a	0.0001788	NP Inter (NDs) 1 of 2
Copper (ug/L)	MW-201A	8.64	n/a	4/14/2025	3.93J	No	105	MW-120AR,P...	70.48	n/a	0.0001788	NP Inter (NDs) 1 of 2
Copper (ug/L)	MW-103A	8.64	n/a	4/14/2025	3.2ND	No	105	MW-120AR,P...	70.48	n/a	0.0001788	NP Inter (NDs) 1 of 2
Copper (ug/L)	MW-114AR	8.64	n/a	4/15/2025	3.2ND	No	105	MW-120AR,P...	70.48	n/a	0.0001788	NP Inter (NDs) 1 of 2
Copper (ug/L)	P-105B	8.64	n/a	4/14/2025	5.11	No	105	MW-120AR,P...	70.48	n/a	0.0001788	NP Inter (NDs) 1 of 2
Copper (ug/L)	P-108B	8.64	n/a	4/15/2025	3.2ND	No	105	MW-120AR,P...	70.48	n/a	0.0001788	NP Inter (NDs) 1 of 2
Copper (ug/L)	MW-403A	8.64	n/a	4/14/2025	3.2ND	No	105	MW-120AR,P...	70.48	n/a	0.0001788	NP Inter (NDs) 1 of 2
Copper (ug/L)	P-114BR	8.64	n/a	4/15/2025	3.2ND	No	105	MW-120AR,P...	70.48	n/a	0.0001788	NP Inter (NDs) 1 of 2
Copper (ug/L)	MW-204A	8.64	n/a	4/14/2025	3.96J	No	105	MW-120AR,P...	70.48	n/a	0.0001788	NP Inter (NDs) 1 of 2
Copper (ug/L)	MW-137A	8.64	n/a	4/15/2025	3.2ND	No	105	MW-120AR,P...	70.48	n/a	0.0001788	NP Inter (NDs) 1 of 2
Copper (ug/L)	MW-202A	8.64	n/a	4/14/2025	7.11	No	105	MW-120AR,P...	70.48	n/a	0.0001788	NP Inter (NDs) 1 of 2
Copper (ug/L)	MW-401A	8.64	n/a	4/14/2025	3.2ND	No	105	MW-120AR,P...	70.48	n/a	0.0001788	NP Inter (NDs) 1 of 2
Copper (ug/L)	MW-402A	8.64	n/a	4/14/2025	3.2ND	No	105	MW-120AR,P...	70.48	n/a	0.0001788	NP Inter (NDs) 1 of 2
Copper (ug/L)	OW-306AR	8.64	n/a	4/15/2025	3.2ND	No	105	MW-120AR,P...	70.48	n/a	0.0001788	NP Inter (NDs) 1 of 2
Copper (ug/L)	MW-109ARR	8.64	n/a	4/15/2025	3.2ND	No	105	MW-120AR,P...	70.48	n/a	0.0001788	NP Inter (NDs) 1 of 2
Copper (ug/L)	MW-502A	8.64	n/a	4/14/2025	3.2ND	No	105	MW-120AR,P...	70.48	n/a	0.0001788	NP Inter (NDs) 1 of 2
Copper (ug/L)	MW-404A	8.64	n/a	4/14/2025	3.2ND	No	105	MW-120AR,P...	70.48	n/a	0.0001788	NP Inter (NDs) 1 of 2
Copper (ug/L)	MW-108AR	8.64	n/a	4/15/2025	3.2ND	No	105	MW-120AR,P...	70.48	n/a	0.0001788	NP Inter (NDs) 1 of 2
Copper (ug/L)	MW-501A	8.64	n/a	4/14/2025	3.2ND	No	105	MW-120AR,P...	70.48	n/a	0.0001788	NP Inter (NDs) 1 of 2
Copper (ug/L)	MW-605	8.64	n/a	4/14/2025	3.2ND	No	105	MW-120AR,P...	70.48	n/a	0.0001788	NP Inter (NDs) 1 of 2
Copper (ug/L)	MW-604	8.64	n/a	4/14/2025	3.2ND	No	105	MW-120AR,P...	70.48	n/a	0.0001788	NP Inter (NDs) 1 of 2
Lead (ug/L)	MW-102A	3.58	n/a	4/14/2025	0.33ND	No	103	MW-120AR,P...	69.9	n/a	0.0001846	NP Inter (NDs) 1 of 2
Lead (ug/L)	OW-301A	3.58	n/a	4/15/2025	0.33ND	No	103	MW-120AR,P...	69.9	n/a	0.0001846	NP Inter (NDs) 1 of 2
Lead (ug/L)	MW-201A	3.58	n/a	4/14/2025	0.33ND	No	103	MW-120AR,P...	69.9	n/a	0.0001846	NP Inter (NDs) 1 of 2
Lead (ug/L)	MW-103A	3.58	n/a	4/14/2025	0.33ND	No	103	MW-120AR,P...	69.9	n/a	0.0001846	NP Inter (NDs) 1 of 2
Lead (ug/L)	MW-114AR	3.58	n/a	4/15/2025	0.33ND	No	103	MW-120AR,P...	69.9	n/a	0.0001846	NP Inter (NDs) 1 of 2
Lead (ug/L)	P-105B	3.58	n/a	4/14/2025	0.33ND	No	103	MW-120AR,P...	69.9	n/a	0.0001846	NP Inter (NDs) 1 of 2
Lead (ug/L)	P-108B	3.58	n/a	4/15/2025	0.766	No	103	MW-120AR,P...	69.9	n/a	0.0001846	NP Inter (NDs) 1 of 2
Lead (ug/L)	MW-403A	3.58	n/a	4/14/2025	0.33ND	No	103	MW-120AR,P...	69.9	n/a	0.0001846	NP Inter (NDs) 1 of 2
Lead (ug/L)	P-114BR	3.58	n/a	4/15/2025	0.33ND	No	103	MW-120AR,P...	69.9	n/a	0.0001846	NP Inter (NDs) 1 of 2
Lead (ug/L)	MW-204A	3.58	n/a	4/14/2025	0.33ND	No	103	MW-120AR,P...	69.9	n/a	0.0001846	NP Inter (NDs) 1 of 2
Lead (ug/L)	MW-137A	3.58	n/a	4/15/2025	0.511	No	103	MW-120AR,P...	69.9	n/a	0.0001846	NP Inter (NDs) 1 of 2
Lead (ug/L)	MW-202A	3.58	n/a	4/14/2025	0.33ND	No	103	MW-120AR,P...	69.9	n/a	0.0001846	NP Inter (NDs) 1 of 2
Lead (ug/L)	MW-401A	3.58	n/a	4/14/2025	0.33ND	No	103	MW-120AR,P...	69.9	n/a	0.0001846	NP Inter (NDs) 1 of 2
Lead (ug/L)	MW-402A	3.58	n/a	4/14/2025	0.33ND	No	103	MW-120AR,P...	69.9	n/a	0.0001846	NP Inter (NDs) 1 of 2
Lead (ug/L)	OW-306AR	3.58	n/a	4/15/2025	0.873	No	103	MW-120AR,P...	69.9	n/a	0.0001846	NP Inter (NDs) 1 of 2
Lead (ug/L)	MW-109ARR	3.58	n/a	4/15/2025	0.33ND	No	103	MW-120AR,P...	69.9	n/a	0.0001846	NP Inter (NDs) 1 of 2
Lead (ug/L)	MW-502A	3.58	n/a	4/14/2025	0.33ND	No	103	MW-120AR,P...	69.9	n/a	0.0001846	NP Inter (NDs) 1 of 2
Lead (ug/L)	MW-404A	3.58	n/a	4/14/2025	0.33ND	No	103	MW-120AR,P...	69.9	n/a	0.0001846	NP Inter (NDs) 1 of 2
Lead (ug/L)	MW-108AR	3.58	n/a	4/15/2025	0.36J	No	103	MW-120AR,P...	69.9	n/a	0.0001846	NP Inter (NDs) 1 of 2
Lead (ug/L)	MW-501A	3.58	n/a	4/14/2025	0.33ND	No	103	MW-120AR,P...	69.9	n/a	0.0001846	NP Inter (NDs) 1 of 2
Lead (ug/L)	MW-605	3.58	n/a	4/14/2025	0.33ND	No	103	MW-120AR,P...	69.9	n/a	0.0001846	NP Inter (NDs) 1 of 2
Lead (ug/L)	MW-604	3.58	n/a	4/14/2025	0.33ND	No	103	MW-120AR,P...	69.9	n/a	0.0001846	NP Inter (NDs) 1 of 2
Nickel (ug/L)	MW-102A	21.8	n/a	4/14/2025	2.4J	No	101	P-120B,MW-...	34.65	n/a	0.0001905	NP Inter (normality) ...
Nickel (ug/L)	OW-301A	21.8	n/a	4/15/2025	2.3ND	No	101	P-120B,MW-...	34.65	n/a	0.0001905	NP Inter (normality) ...

Prediction Limit

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 12:39 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Wells	%NDs	Transform	Alpha	Method
Nickel (ug/L)	MW-201A	21.8	n/a	4/14/2025	2.3ND	No	101	P-120B,MW-...	34.65	n/a	0.0001905	NP Inter (normality) ...
Nickel (ug/L)	MW-103A	21.8	n/a	4/14/2025	2.3ND	No	101	P-120B,MW-...	34.65	n/a	0.0001905	NP Inter (normality) ...
Nickel (ug/L)	MW-114AR	21.8	n/a	4/15/2025	2.3ND	No	101	P-120B,MW-...	34.65	n/a	0.0001905	NP Inter (normality) ...
Nickel (ug/L)	P-105B	21.8	n/a	4/14/2025	2.3ND	No	101	P-120B,MW-...	34.65	n/a	0.0001905	NP Inter (normality) ...
Nickel (ug/L)	P-108B	21.8	n/a	4/15/2025	2.3ND	No	101	P-120B,MW-...	34.65	n/a	0.0001905	NP Inter (normality) ...
Nickel (ug/L)	MW-403A	21.8	n/a	4/14/2025	2.3ND	No	101	P-120B,MW-...	34.65	n/a	0.0001905	NP Inter (normality) ...
Nickel (ug/L)	P-114BR	21.8	n/a	4/15/2025	2.3ND	No	101	P-120B,MW-...	34.65	n/a	0.0001905	NP Inter (normality) ...
Nickel (ug/L)	MW-204A	21.8	n/a	4/14/2025	17.1	No	101	P-120B,MW-...	34.65	n/a	0.0001905	NP Inter (normality) ...
Nickel (ug/L)	MW-137A	21.8	n/a	4/15/2025	3.37J	No	101	P-120B,MW-...	34.65	n/a	0.0001905	NP Inter (normality) ...
Nickel (ug/L)	MW-202A	21.8	n/a	4/14/2025	4.96J	No	101	P-120B,MW-...	34.65	n/a	0.0001905	NP Inter (normality) ...
Nickel (ug/L)	MW-401A	21.8	n/a	4/14/2025	2.88J	No	101	P-120B,MW-...	34.65	n/a	0.0001905	NP Inter (normality) ...
Nickel (ug/L)	MW-402A	21.8	n/a	4/14/2025	2.3ND	No	101	P-120B,MW-...	34.65	n/a	0.0001905	NP Inter (normality) ...
Nickel (ug/L)	OW-306AR	21.8	n/a	4/15/2025	3.46J	No	101	P-120B,MW-...	34.65	n/a	0.0001905	NP Inter (normality) ...
Nickel (ug/L)	MW-109ARR	21.8	n/a	4/15/2025	2.3ND	No	101	P-120B,MW-...	34.65	n/a	0.0001905	NP Inter (normality) ...
Nickel (ug/L)	MW-502A	21.8	n/a	4/14/2025	2.3ND	No	101	P-120B,MW-...	34.65	n/a	0.0001905	NP Inter (normality) ...
Nickel (ug/L)	MW-404A	21.8	n/a	4/14/2025	2.3ND	No	101	P-120B,MW-...	34.65	n/a	0.0001905	NP Inter (normality) ...
Nickel (ug/L)	MW-108AR	21.8	n/a	4/15/2025	3.14J	No	101	P-120B,MW-...	34.65	n/a	0.0001905	NP Inter (normality) ...
Nickel (ug/L)	MW-501A	21.8	n/a	4/14/2025	4.19J	No	101	P-120B,MW-...	34.65	n/a	0.0001905	NP Inter (normality) ...
Nickel (ug/L)	MW-605	21.8	n/a	4/14/2025	5.63	No	101	P-120B,MW-...	34.65	n/a	0.0001905	NP Inter (normality) ...
Nickel (ug/L)	MW-604	21.8	n/a	4/14/2025	2.3ND	No	101	P-120B,MW-...	34.65	n/a	0.0001905	NP Inter (normality) ...
Selenium (ug/L)	MW-102A	3.24	n/a	4/14/2025	1.4ND	No	105	P-504B,P-5...	91.43	n/a	0.0001788	NP Inter (NDs) 1 of 2
Selenium (ug/L)	OW-301A	3.24	n/a	4/15/2025	1.4ND	No	105	P-504B,P-5...	91.43	n/a	0.0001788	NP Inter (NDs) 1 of 2
Selenium (ug/L)	MW-201A	3.24	n/a	4/14/2025	1.4ND	No	105	P-504B,P-5...	91.43	n/a	0.0001788	NP Inter (NDs) 1 of 2
Selenium (ug/L)	MW-103A	3.24	n/a	4/14/2025	1.4ND	No	105	P-504B,P-5...	91.43	n/a	0.0001788	NP Inter (NDs) 1 of 2
Selenium (ug/L)	MW-114AR	3.24	n/a	4/15/2025	1.92J	No	105	P-504B,P-5...	91.43	n/a	0.0001788	NP Inter (NDs) 1 of 2
Selenium (ug/L)	P-105B	3.24	n/a	4/14/2025	1.4ND	No	105	P-504B,P-5...	91.43	n/a	0.0001788	NP Inter (NDs) 1 of 2
Selenium (ug/L)	P-108B	3.24	n/a	4/15/2025	1.4ND	No	105	P-504B,P-5...	91.43	n/a	0.0001788	NP Inter (NDs) 1 of 2
Selenium (ug/L)	MW-403A	3.24	n/a	4/14/2025	1.4ND	No	105	P-504B,P-5...	91.43	n/a	0.0001788	NP Inter (NDs) 1 of 2
Selenium (ug/L)	P-114BR	3.24	n/a	4/15/2025	1.4ND	No	105	P-504B,P-5...	91.43	n/a	0.0001788	NP Inter (NDs) 1 of 2
Selenium (ug/L)	MW-204A	3.24	n/a	4/14/2025	1.4ND	No	105	P-504B,P-5...	91.43	n/a	0.0001788	NP Inter (NDs) 1 of 2
Selenium (ug/L)	MW-137A	3.24	n/a	4/15/2025	1.4ND	No	105	P-504B,P-5...	91.43	n/a	0.0001788	NP Inter (NDs) 1 of 2
Selenium (ug/L)	MW-202A	3.24	n/a	4/14/2025	1.4ND	No	105	P-504B,P-5...	91.43	n/a	0.0001788	NP Inter (NDs) 1 of 2
Selenium (ug/L)	MW-401A	3.24	n/a	4/14/2025	1.4ND	No	105	P-504B,P-5...	91.43	n/a	0.0001788	NP Inter (NDs) 1 of 2
Selenium (ug/L)	MW-402A	3.24	n/a	4/14/2025	1.4ND	No	105	P-504B,P-5...	91.43	n/a	0.0001788	NP Inter (NDs) 1 of 2
Selenium (ug/L)	OW-306AR	3.24	n/a	4/15/2025	1.4ND	No	105	P-504B,P-5...	91.43	n/a	0.0001788	NP Inter (NDs) 1 of 2
Selenium (ug/L)	MW-109ARR	3.24	n/a	4/15/2025	1.4ND	No	105	P-504B,P-5...	91.43	n/a	0.0001788	NP Inter (NDs) 1 of 2
Selenium (ug/L)	MW-502A	3.24	n/a	4/14/2025	1.4ND	No	105	P-504B,P-5...	91.43	n/a	0.0001788	NP Inter (NDs) 1 of 2
Selenium (ug/L)	MW-404A	3.24	n/a	4/14/2025	1.4ND	No	105	P-504B,P-5...	91.43	n/a	0.0001788	NP Inter (NDs) 1 of 2
Selenium (ug/L)	MW-108AR	3.24	n/a	4/15/2025	1.4ND	No	105	P-504B,P-5...	91.43	n/a	0.0001788	NP Inter (NDs) 1 of 2
Selenium (ug/L)	MW-501A	3.24	n/a	4/14/2025	1.4ND	No	105	P-504B,P-5...	91.43	n/a	0.0001788	NP Inter (NDs) 1 of 2
Selenium (ug/L)	MW-605	3.24	n/a	4/14/2025	1.4ND	No	105	P-504B,P-5...	91.43	n/a	0.0001788	NP Inter (NDs) 1 of 2
Selenium (ug/L)	MW-604	3.24	n/a	4/14/2025	1.4ND	No	105	P-504B,P-5...	91.43	n/a	0.0001788	NP Inter (NDs) 1 of 2
Silver (ug/L)	MW-102A	1.69	n/a	4/14/2025	0.5ND	No	105	P-504B,MW-...	92.38	n/a	0.0001788	NP Inter (NDs) 1 of 2
Silver (ug/L)	OW-301A	1.69	n/a	4/15/2025	0.5ND	No	105	P-504B,MW-...	92.38	n/a	0.0001788	NP Inter (NDs) 1 of 2
Silver (ug/L)	MW-201A	1.69	n/a	4/14/2025	0.5ND	No	105	P-504B,MW-...	92.38	n/a	0.0001788	NP Inter (NDs) 1 of 2
Silver (ug/L)	MW-103A	1.69	n/a	4/14/2025	0.5ND	No	105	P-504B,MW-...	92.38	n/a	0.0001788	NP Inter (NDs) 1 of 2
Silver (ug/L)	MW-114AR	1.69	n/a	4/15/2025	0.5ND	No	105	P-504B,MW-...	92.38	n/a	0.0001788	NP Inter (NDs) 1 of 2
Silver (ug/L)	P-105B	1.69	n/a	4/14/2025	0.5ND	No	105	P-504B,MW-...	92.38	n/a	0.0001788	NP Inter (NDs) 1 of 2
Silver (ug/L)	P-108B	1.69	n/a	4/15/2025	0.5ND	No	105	P-504B,MW-...	92.38	n/a	0.0001788	NP Inter (NDs) 1 of 2
Silver (ug/L)	MW-403A	1.69	n/a	4/14/2025	0.5ND	No	105	P-504B,MW-...	92.38	n/a	0.0001788	NP Inter (NDs) 1 of 2

Prediction Limit

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 12:39 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Wells	%NDs	Transform	Alpha	Method
Silver (ug/L)	P-114BR	1.69	n/a	4/15/2025	0.5ND	No	105	P-504B,MW-...	92.38	n/a	0.0001788	NP Inter (NDs) 1 of 2
Silver (ug/L)	MW-204A	1.69	n/a	4/14/2025	0.5ND	No	105	P-504B,MW-...	92.38	n/a	0.0001788	NP Inter (NDs) 1 of 2
Silver (ug/L)	MW-137A	1.69	n/a	4/15/2025	0.5ND	No	105	P-504B,MW-...	92.38	n/a	0.0001788	NP Inter (NDs) 1 of 2
Silver (ug/L)	MW-202A	1.69	n/a	4/14/2025	0.5ND	No	105	P-504B,MW-...	92.38	n/a	0.0001788	NP Inter (NDs) 1 of 2
Silver (ug/L)	MW-401A	1.69	n/a	4/14/2025	0.5ND	No	105	P-504B,MW-...	92.38	n/a	0.0001788	NP Inter (NDs) 1 of 2
Silver (ug/L)	MW-402A	1.69	n/a	4/14/2025	0.5ND	No	105	P-504B,MW-...	92.38	n/a	0.0001788	NP Inter (NDs) 1 of 2
Silver (ug/L)	OW-306AR	1.69	n/a	4/15/2025	0.5ND	No	105	P-504B,MW-...	92.38	n/a	0.0001788	NP Inter (NDs) 1 of 2
Silver (ug/L)	MW-109ARR	1.69	n/a	4/15/2025	0.5ND	No	105	P-504B,MW-...	92.38	n/a	0.0001788	NP Inter (NDs) 1 of 2
Silver (ug/L)	MW-502A	1.69	n/a	4/14/2025	0.5ND	No	105	P-504B,MW-...	92.38	n/a	0.0001788	NP Inter (NDs) 1 of 2
Silver (ug/L)	MW-404A	1.69	n/a	4/14/2025	0.5ND	No	105	P-504B,MW-...	92.38	n/a	0.0001788	NP Inter (NDs) 1 of 2
Silver (ug/L)	MW-108AR	1.69	n/a	4/15/2025	0.5ND	No	105	P-504B,MW-...	92.38	n/a	0.0001788	NP Inter (NDs) 1 of 2
Silver (ug/L)	MW-501A	1.69	n/a	4/14/2025	0.5ND	No	105	P-504B,MW-...	92.38	n/a	0.0001788	NP Inter (NDs) 1 of 2
Silver (ug/L)	MW-605	1.69	n/a	4/14/2025	0.5ND	No	105	P-504B,MW-...	92.38	n/a	0.0001788	NP Inter (NDs) 1 of 2
Silver (ug/L)	MW-604	1.69	n/a	4/14/2025	0.5ND	No	105	P-504B,MW-...	92.38	n/a	0.0001788	NP Inter (NDs) 1 of 2
Thallium (ug/L)	MW-102A	1.98	n/a	4/14/2025	0.57ND	No	105	MW-120AR,P...	90.48	n/a	0.0001788	NP Inter (NDs) 1 of 2
Thallium (ug/L)	OW-301A	1.98	n/a	4/15/2025	0.57ND	No	105	MW-120AR,P...	90.48	n/a	0.0001788	NP Inter (NDs) 1 of 2
Thallium (ug/L)	MW-201A	1.98	n/a	4/14/2025	0.57ND	No	105	MW-120AR,P...	90.48	n/a	0.0001788	NP Inter (NDs) 1 of 2
Thallium (ug/L)	MW-103A	1.98	n/a	4/14/2025	0.57ND	No	105	MW-120AR,P...	90.48	n/a	0.0001788	NP Inter (NDs) 1 of 2
Thallium (ug/L)	MW-114AR	1.98	n/a	4/15/2025	0.57ND	No	105	MW-120AR,P...	90.48	n/a	0.0001788	NP Inter (NDs) 1 of 2
Thallium (ug/L)	P-105B	1.98	n/a	4/14/2025	0.57ND	No	105	MW-120AR,P...	90.48	n/a	0.0001788	NP Inter (NDs) 1 of 2
Thallium (ug/L)	P-108B	1.98	n/a	4/15/2025	0.57ND	No	105	MW-120AR,P...	90.48	n/a	0.0001788	NP Inter (NDs) 1 of 2
Thallium (ug/L)	MW-403A	1.98	n/a	4/14/2025	0.57ND	No	105	MW-120AR,P...	90.48	n/a	0.0001788	NP Inter (NDs) 1 of 2
Thallium (ug/L)	P-114BR	1.98	n/a	4/15/2025	0.57ND	No	105	MW-120AR,P...	90.48	n/a	0.0001788	NP Inter (NDs) 1 of 2
Thallium (ug/L)	MW-204A	1.98	n/a	4/14/2025	0.57ND	No	105	MW-120AR,P...	90.48	n/a	0.0001788	NP Inter (NDs) 1 of 2
Thallium (ug/L)	MW-137A	1.98	n/a	4/15/2025	0.57ND	No	105	MW-120AR,P...	90.48	n/a	0.0001788	NP Inter (NDs) 1 of 2
Thallium (ug/L)	MW-202A	1.98	n/a	4/14/2025	0.57ND	No	105	MW-120AR,P...	90.48	n/a	0.0001788	NP Inter (NDs) 1 of 2
Thallium (ug/L)	MW-401A	1.98	n/a	4/14/2025	0.57ND	No	105	MW-120AR,P...	90.48	n/a	0.0001788	NP Inter (NDs) 1 of 2
Thallium (ug/L)	MW-402A	1.98	n/a	4/14/2025	0.57ND	No	105	MW-120AR,P...	90.48	n/a	0.0001788	NP Inter (NDs) 1 of 2
Thallium (ug/L)	OW-306AR	1.98	n/a	4/15/2025	0.57ND	No	105	MW-120AR,P...	90.48	n/a	0.0001788	NP Inter (NDs) 1 of 2
Thallium (ug/L)	MW-109ARR	1.98	n/a	4/15/2025	0.57ND	No	105	MW-120AR,P...	90.48	n/a	0.0001788	NP Inter (NDs) 1 of 2
Thallium (ug/L)	MW-502A	1.98	n/a	4/14/2025	0.57ND	No	105	MW-120AR,P...	90.48	n/a	0.0001788	NP Inter (NDs) 1 of 2
Thallium (ug/L)	MW-404A	1.98	n/a	4/14/2025	0.57ND	No	105	MW-120AR,P...	90.48	n/a	0.0001788	NP Inter (NDs) 1 of 2
Thallium (ug/L)	MW-108AR	1.98	n/a	4/15/2025	0.57ND	No	105	MW-120AR,P...	90.48	n/a	0.0001788	NP Inter (NDs) 1 of 2
Thallium (ug/L)	MW-501A	1.98	n/a	4/14/2025	0.57ND	No	105	MW-120AR,P...	90.48	n/a	0.0001788	NP Inter (NDs) 1 of 2
Thallium (ug/L)	MW-605	1.98	n/a	4/14/2025	0.57ND	No	105	MW-120AR,P...	90.48	n/a	0.0001788	NP Inter (NDs) 1 of 2
Thallium (ug/L)	MW-604	1.98	n/a	4/14/2025	0.57ND	No	105	MW-120AR,P...	90.48	n/a	0.0001788	NP Inter (NDs) 1 of 2
Total Suspended Solids (mg/L)	MW-102A	384	n/a	4/14/2025	53	No	103	P-120B,MW-...	5.825	n/a	0.0001846	NP Inter (normality) ...
Total Suspended Solids (mg/L)	OW-301A	384	n/a	4/15/2025	16	No	103	P-120B,MW-...	5.825	n/a	0.0001846	NP Inter (normality) ...
Total Suspended Solids (mg/L)	MW-201A	384	n/a	4/14/2025	3.75	No	103	P-120B,MW-...	5.825	n/a	0.0001846	NP Inter (normality) ...
Total Suspended Solids (mg/L)	MW-103A	384	n/a	4/14/2025	1.75J	No	103	P-120B,MW-...	5.825	n/a	0.0001846	NP Inter (normality) ...
Total Suspended Solids (mg/L)	MW-114AR	384	n/a	4/15/2025	34.1	No	103	P-120B,MW-...	5.825	n/a	0.0001846	NP Inter (normality) ...
Total Suspended Solids (mg/L)	P-105B	384	n/a	4/14/2025	1.5J	No	103	P-120B,MW-...	5.825	n/a	0.0001846	NP Inter (normality) ...
Total Suspended Solids (mg/L)	P-108B	384	n/a	4/15/2025	0.695ND	No	103	P-120B,MW-...	5.825	n/a	0.0001846	NP Inter (normality) ...
Total Suspended Solids (mg/L)	MW-403A	384	n/a	4/14/2025	0.695ND	No	103	P-120B,MW-...	5.825	n/a	0.0001846	NP Inter (normality) ...
Total Suspended Solids (mg/L)	P-114BR	384	n/a	4/15/2025	0.695ND	No	103	P-120B,MW-...	5.825	n/a	0.0001846	NP Inter (normality) ...
Total Suspended Solids (mg/L)	MW-204A	384	n/a	4/14/2025	0.695ND	No	103	P-120B,MW-...	5.825	n/a	0.0001846	NP Inter (normality) ...
Total Suspended Solids (mg/L)	MW-137A	384	n/a	4/15/2025	4.38	No	103	P-120B,MW-...	5.825	n/a	0.0001846	NP Inter (normality) ...
Total Suspended Solids (mg/L)	MW-202A	384	n/a	4/14/2025	35.5	No	103	P-120B,MW-...	5.825	n/a	0.0001846	NP Inter (normality) ...
Total Suspended Solids (mg/L)	MW-401A	384	n/a	4/14/2025	3.13	No	103	P-120B,MW-...	5.825	n/a	0.0001846	NP Inter (normality) ...
Total Suspended Solids (mg/L)	MW-402A	384	n/a	4/14/2025	11.7	No	103	P-120B,MW-...	5.825	n/a	0.0001846	NP Inter (normality) ...

Prediction Limit

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 12:39 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Wells	%NDs	Transform	Alpha	Method
Total Suspended Solids (mg/L)	OW-306AR	384	n/a	4/15/2025	39.2	No	103	P-120B,MW-...	5.825	n/a	0.0001846	NP Inter (normality) ...
Total Suspended Solids (mg/L)	MW-109ARR	384	n/a	4/15/2025	26.5	No	103	P-120B,MW-...	5.825	n/a	0.0001846	NP Inter (normality) ...
Total Suspended Solids (mg/L)	MW-502A	384	n/a	4/14/2025	4.13	No	103	P-120B,MW-...	5.825	n/a	0.0001846	NP Inter (normality) ...
Total Suspended Solids (mg/L)	MW-404A	384	n/a	4/14/2025	3.87	No	103	P-120B,MW-...	5.825	n/a	0.0001846	NP Inter (normality) ...
Total Suspended Solids (mg/L)	MW-108AR	384	n/a	4/15/2025	3.13	No	103	P-120B,MW-...	5.825	n/a	0.0001846	NP Inter (normality) ...
Total Suspended Solids (mg/L)	MW-501A	384	n/a	4/14/2025	28.9	No	103	P-120B,MW-...	5.825	n/a	0.0001846	NP Inter (normality) ...
Total Suspended Solids (mg/L)	MW-605	384	n/a	4/14/2025	1.38J	No	103	P-120B,MW-...	5.825	n/a	0.0001846	NP Inter (normality) ...
Total Suspended Solids (mg/L)	MW-604	384	n/a	4/14/2025	0.695ND	No	103	P-120B,MW-...	5.825	n/a	0.0001846	NP Inter (normality) ...
Vanadium (ug/L)	MW-102A	3.56	n/a	4/14/2025	1.7ND	No	105	P-503B,MW-...	86.67	n/a	0.0001788	NP Inter (NDs) 1 of 2
Vanadium (ug/L)	OW-301A	3.56	n/a	4/15/2025	1.7ND	No	105	P-503B,MW-...	86.67	n/a	0.0001788	NP Inter (NDs) 1 of 2
Vanadium (ug/L)	MW-201A	3.56	n/a	4/14/2025	1.7ND	No	105	P-503B,MW-...	86.67	n/a	0.0001788	NP Inter (NDs) 1 of 2
Vanadium (ug/L)	MW-103A	3.56	n/a	4/14/2025	1.7ND	No	105	P-503B,MW-...	86.67	n/a	0.0001788	NP Inter (NDs) 1 of 2
Vanadium (ug/L)	MW-114AR	3.56	n/a	4/15/2025	1.7ND	No	105	P-503B,MW-...	86.67	n/a	0.0001788	NP Inter (NDs) 1 of 2
Vanadium (ug/L)	P-105B	3.56	n/a	4/14/2025	1.7ND	No	105	P-503B,MW-...	86.67	n/a	0.0001788	NP Inter (NDs) 1 of 2
Vanadium (ug/L)	P-108B	3.56	n/a	4/15/2025	1.7ND	No	105	P-503B,MW-...	86.67	n/a	0.0001788	NP Inter (NDs) 1 of 2
Vanadium (ug/L)	MW-403A	3.56	n/a	4/14/2025	1.7ND	No	105	P-503B,MW-...	86.67	n/a	0.0001788	NP Inter (NDs) 1 of 2
Vanadium (ug/L)	P-114BR	3.56	n/a	4/15/2025	1.7ND	No	105	P-503B,MW-...	86.67	n/a	0.0001788	NP Inter (NDs) 1 of 2
Vanadium (ug/L)	MW-204A	3.56	n/a	4/14/2025	1.7ND	No	105	P-503B,MW-...	86.67	n/a	0.0001788	NP Inter (NDs) 1 of 2
Vanadium (ug/L)	MW-137A	3.56	n/a	4/15/2025	1.7ND	No	105	P-503B,MW-...	86.67	n/a	0.0001788	NP Inter (NDs) 1 of 2
Vanadium (ug/L)	MW-202A	3.56	n/a	4/14/2025	1.7ND	No	105	P-503B,MW-...	86.67	n/a	0.0001788	NP Inter (NDs) 1 of 2
Vanadium (ug/L)	MW-401A	3.56	n/a	4/14/2025	1.7ND	No	105	P-503B,MW-...	86.67	n/a	0.0001788	NP Inter (NDs) 1 of 2
Vanadium (ug/L)	MW-402A	3.56	n/a	4/14/2025	1.7ND	No	105	P-503B,MW-...	86.67	n/a	0.0001788	NP Inter (NDs) 1 of 2
Vanadium (ug/L)	OW-306AR	3.56	n/a	4/15/2025	1.8J	No	105	P-503B,MW-...	86.67	n/a	0.0001788	NP Inter (NDs) 1 of 2
Vanadium (ug/L)	MW-109ARR	3.56	n/a	4/15/2025	1.7ND	No	105	P-503B,MW-...	86.67	n/a	0.0001788	NP Inter (NDs) 1 of 2
Vanadium (ug/L)	MW-502A	3.56	n/a	4/14/2025	1.7ND	No	105	P-503B,MW-...	86.67	n/a	0.0001788	NP Inter (NDs) 1 of 2
Vanadium (ug/L)	MW-404A	3.56	n/a	4/14/2025	1.7ND	No	105	P-503B,MW-...	86.67	n/a	0.0001788	NP Inter (NDs) 1 of 2
Vanadium (ug/L)	MW-108AR	3.56	n/a	4/15/2025	1.7ND	No	105	P-503B,MW-...	86.67	n/a	0.0001788	NP Inter (NDs) 1 of 2
Vanadium (ug/L)	MW-501A	3.56	n/a	4/14/2025	1.7ND	No	105	P-503B,MW-...	86.67	n/a	0.0001788	NP Inter (NDs) 1 of 2
Vanadium (ug/L)	MW-605	3.56	n/a	4/14/2025	1.7ND	No	105	P-503B,MW-...	86.67	n/a	0.0001788	NP Inter (NDs) 1 of 2
Vanadium (ug/L)	MW-604	3.56	n/a	4/14/2025	1.7ND	No	105	P-503B,MW-...	86.67	n/a	0.0001788	NP Inter (NDs) 1 of 2
Zinc (ug/L)	MW-102A	33.4	n/a	4/14/2025	13ND	No	105	P-504B,P-1...	86.67	n/a	0.0001788	NP Inter (NDs) 1 of 2
Zinc (ug/L)	OW-301A	33.4	n/a	4/15/2025	13ND	No	105	P-504B,P-1...	86.67	n/a	0.0001788	NP Inter (NDs) 1 of 2
Zinc (ug/L)	MW-201A	33.4	n/a	4/14/2025	13ND	No	105	P-504B,P-1...	86.67	n/a	0.0001788	NP Inter (NDs) 1 of 2
Zinc (ug/L)	MW-103A	33.4	n/a	4/14/2025	13ND	No	105	P-504B,P-1...	86.67	n/a	0.0001788	NP Inter (NDs) 1 of 2
Zinc (ug/L)	MW-114AR	33.4	n/a	4/15/2025	13ND	No	105	P-504B,P-1...	86.67	n/a	0.0001788	NP Inter (NDs) 1 of 2
Zinc (ug/L)	P-105B	33.4	n/a	4/14/2025	13ND	No	105	P-504B,P-1...	86.67	n/a	0.0001788	NP Inter (NDs) 1 of 2
Zinc (ug/L)	P-108B	33.4	n/a	4/15/2025	13ND	No	105	P-504B,P-1...	86.67	n/a	0.0001788	NP Inter (NDs) 1 of 2
Zinc (ug/L)	MW-403A	33.4	n/a	4/14/2025	13ND	No	105	P-504B,P-1...	86.67	n/a	0.0001788	NP Inter (NDs) 1 of 2
Zinc (ug/L)	P-114BR	33.4	n/a	4/15/2025	13ND	No	105	P-504B,P-1...	86.67	n/a	0.0001788	NP Inter (NDs) 1 of 2
Zinc (ug/L)	MW-204A	33.4	n/a	4/14/2025	13ND	No	105	P-504B,P-1...	86.67	n/a	0.0001788	NP Inter (NDs) 1 of 2
Zinc (ug/L)	MW-137A	33.4	n/a	4/15/2025	13ND	No	105	P-504B,P-1...	86.67	n/a	0.0001788	NP Inter (NDs) 1 of 2
Zinc (ug/L)	MW-202A	33.4	n/a	4/14/2025	13ND	No	105	P-504B,P-1...	86.67	n/a	0.0001788	NP Inter (NDs) 1 of 2
Zinc (ug/L)	MW-401A	33.4	n/a	4/14/2025	13ND	No	105	P-504B,P-1...	86.67	n/a	0.0001788	NP Inter (NDs) 1 of 2
Zinc (ug/L)	MW-402A	33.4	n/a	4/14/2025	13ND	No	105	P-504B,P-1...	86.67	n/a	0.0001788	NP Inter (NDs) 1 of 2
Zinc (ug/L)	OW-306AR	33.4	n/a	4/15/2025	14.9J	No	105	P-504B,P-1...	86.67	n/a	0.0001788	NP Inter (NDs) 1 of 2
Zinc (ug/L)	MW-109ARR	33.4	n/a	4/15/2025	13ND	No	105	P-504B,P-1...	86.67	n/a	0.0001788	NP Inter (NDs) 1 of 2
Zinc (ug/L)	MW-502A	33.4	n/a	4/14/2025	13ND	No	105	P-504B,P-1...	86.67	n/a	0.0001788	NP Inter (NDs) 1 of 2
Zinc (ug/L)	MW-404A	33.4	n/a	4/14/2025	13ND	No	105	P-504B,P-1...	86.67	n/a	0.0001788	NP Inter (NDs) 1 of 2
Zinc (ug/L)	MW-108AR	33.4	n/a	4/15/2025	13ND	No	105	P-504B,P-1...	86.67	n/a	0.0001788	NP Inter (NDs) 1 of 2
Zinc (ug/L)	MW-501A	33.4	n/a	4/14/2025	13ND	No	105	P-504B,P-1...	86.67	n/a	0.0001788	NP Inter (NDs) 1 of 2

Prediction Limit

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 12:39 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Wells	%NDs	Transform	Alpha	Method
Zinc (ug/L)	MW-605	33.4	n/a	4/14/2025	13ND	No	105	P-504B,P-1...	86.67	n/a	0.0001788	NP Inter (NDs) 1 of 2
Zinc (ug/L)	MW-604	33.4	n/a	4/14/2025	13ND	No	105	P-504B,P-1...	86.67	n/a	0.0001788	NP Inter (NDs) 1 of 2

Monitoring Wells – Appendix I Metals

Confidence Intervals for SSIs

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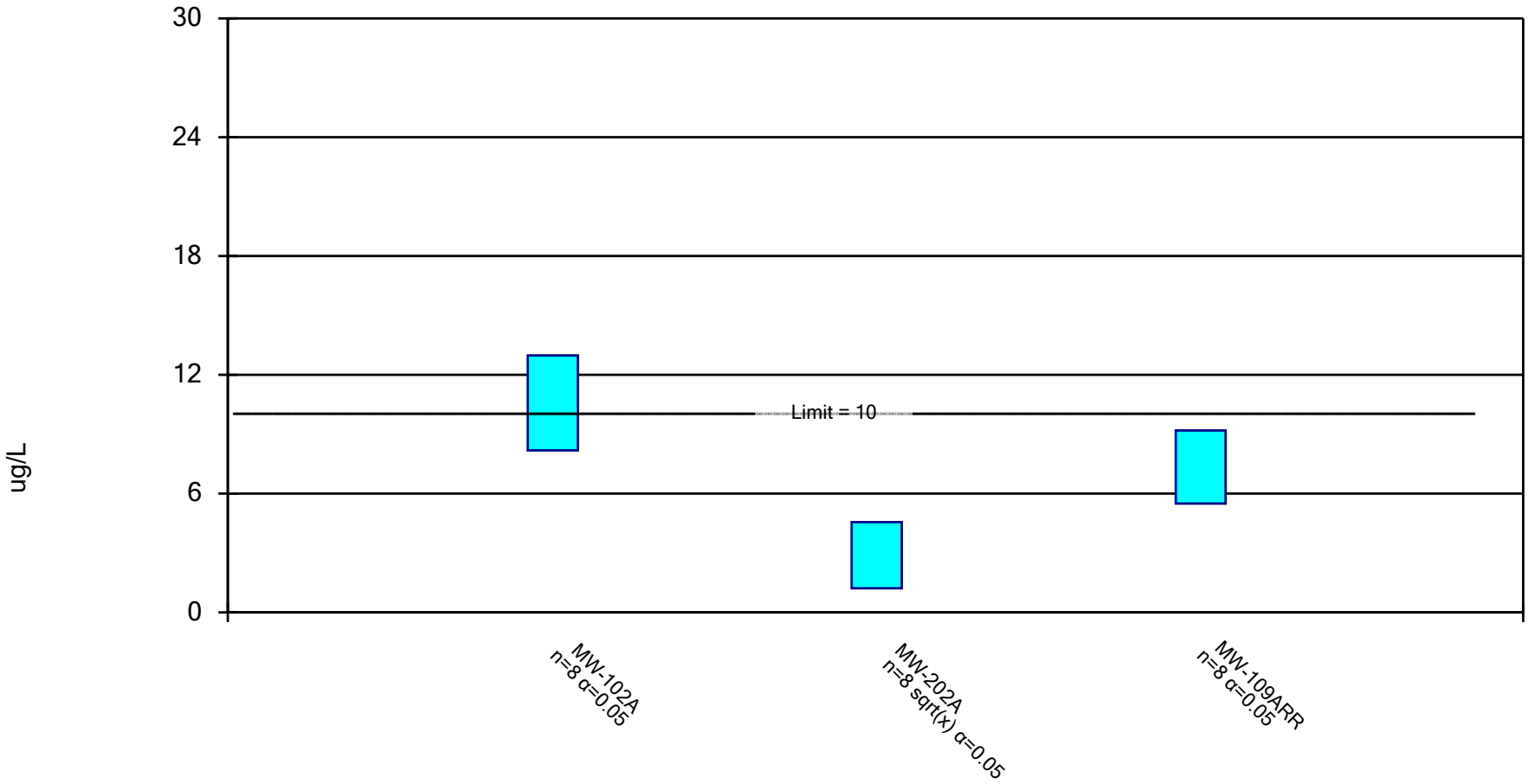
Parametric Confidence Interval

Compliance Limit is not exceeded. Normality Test: Shapiro Wilk at Alpha = 0.01.



Constituent: Arsenic Analysis Run 6/12/2025 12:42 PM View: Confidence Intervals - Appendix I Metals

DMASWA Data: DMASWA Database_Updated

Confidence Interval

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 12:42 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	%NDs	Transform	Alpha	Method
Arsenic (ug/L)	MW-102A	12.98	8.185	10	No	8	0	No	0.05	Param.
Arsenic (ug/L)	MW-202A	4.569	1.224	10	No	8	0	sqrt(x)	0.05	Param.
Arsenic (ug/L)	MW-109ARR	9.19	5.508	10	No	8	0	No	0.05	Param.

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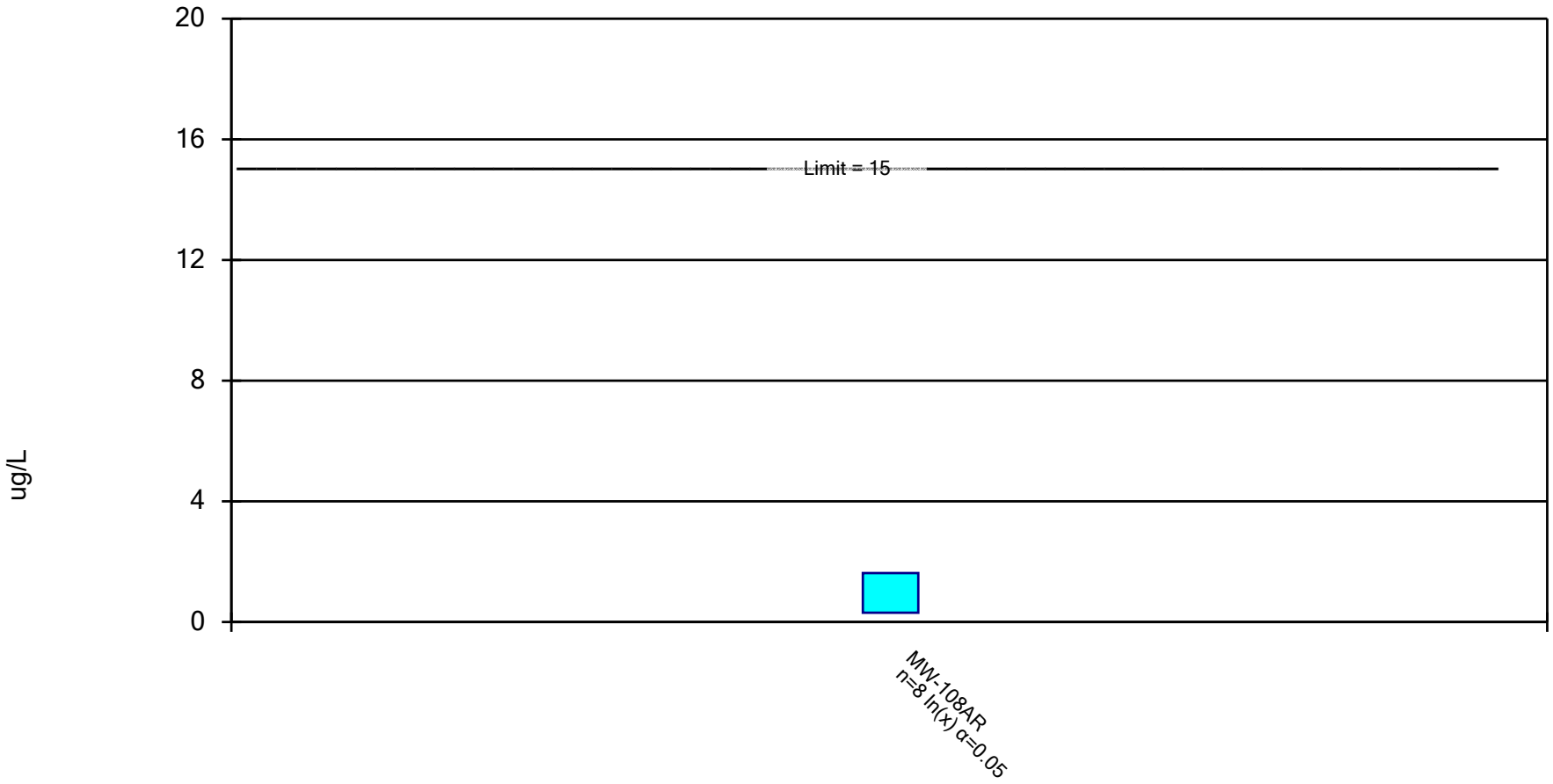
Parametric Confidence Interval

Compliance Limit is not exceeded. Normality Test: Shapiro Wilk at Alpha = 0.01.



Constituent: Lead Analysis Run 6/13/2025 3:03 PM View: Confidence Intervals - Appendix I Metals

DMASWA Data: DMASWA Database_Updated

Confidence Interval

DMASWA Data: DMASWA Database_Updated Printed 6/13/2025, 3:04 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	%NDs	Transform	Alpha	Method
Lead (ug/L)	MW-108AR	1.626	0.3119	15	No	8	12.5	ln(x)	0.05	Param.

Monitoring Wells – Appendix I VOCs

Outlier Analysis

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Outlier Analysis

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 12:59 PM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
1,1,1-Trichloroethane (ug/L)	MW-102A	n/a	n/a	n/a	NP	NaN	22	0.7055	0.3988	unknown	ShapiroWilk
1,1,1-Trichloroethane (ug/L)	OW-301A	n/a	n/a	n/a	NP	NaN	19	0.6589	0.4109	unknown	ShapiroWilk
1,1,1-Trichloroethane (ug/L)	MW-201A	n/a	n/a	n/a	NP	NaN	24	0.73	0.3901	unknown	ShapiroWilk
1,1,1-Trichloroethane (ug/L)	MW-103A	n/a	n/a	n/a	NP	NaN	24	0.73	0.3901	unknown	ShapiroWilk
1,1,1-Trichloroethane (ug/L)	MW-114AR	n/a	n/a	n/a	NP	NaN	22	0.7055	0.3988	unknown	ShapiroWilk
1,1,1-Trichloroethane (ug/L)	MW-120AR (bg)	n/a	n/a	n/a	NP	NaN	24	0.73	0.3901	unknown	ShapiroWilk
1,1,1-Trichloroethane (ug/L)	P-105B	n/a	n/a	n/a	NP	NaN	22	0.7055	0.3988	unknown	ShapiroWilk
1,1,1-Trichloroethane (ug/L)	P-108B	n/a	n/a	n/a	NP	NaN	22	0.7055	0.3988	unknown	ShapiroWilk
1,1,1-Trichloroethane (ug/L)	MW-403A	n/a	n/a	n/a	NP	NaN	22	0.7055	0.3988	unknown	ShapiroWilk
1,1,1-Trichloroethane (ug/L)	P-114BR	n/a	n/a	n/a	NP	NaN	22	0.7055	0.3988	unknown	ShapiroWilk
1,1,1-Trichloroethane (ug/L)	MW-204A	n/a	n/a	n/a	NP	NaN	24	0.73	0.3901	unknown	ShapiroWilk
1,1,1-Trichloroethane (ug/L)	P-120B (bg)	n/a	n/a	n/a	NP	NaN	22	0.7055	0.3988	unknown	ShapiroWilk
1,1,1-Trichloroethane (ug/L)	MW-137A	n/a	n/a	n/a	NP	NaN	23	0.683	0.4042	unknown	ShapiroWilk
1,1,1-Trichloroethane (ug/L)	MW-202A	n/a	n/a	n/a	NP	NaN	24	0.73	0.3901	unknown	ShapiroWilk
1,1,1-Trichloroethane (ug/L)	MW-401A	n/a	n/a	n/a	NP	NaN	23	0.7183	0.3945	unknown	ShapiroWilk
1,1,1-Trichloroethane (ug/L)	MW-402A	n/a	n/a	n/a	NP	NaN	22	0.7055	0.3988	unknown	ShapiroWilk
1,1,1-Trichloroethane (ug/L)	OW-306AR	n/a	n/a	n/a	NP	NaN	15	0.568	0.4183	unknown	ShapiroWilk
1,1,1-Trichloroethane (ug/L)	MW-109ARR	n/a	n/a	n/a	NP	NaN	22	0.7055	0.3988	unknown	ShapiroWilk
1,1,1-Trichloroethane (ug/L)	MW-502A	n/a	n/a	n/a	NP	NaN	21	0.6914	0.4031	unknown	ShapiroWilk
1,1,1-Trichloroethane (ug/L)	MW-404A	n/a	n/a	n/a	NP	NaN	22	0.7055	0.3988	unknown	ShapiroWilk
1,1,1-Trichloroethane (ug/L)	P-504B (bg)	n/a	n/a	n/a	NP	NaN	15	0.568	0.4183	unknown	ShapiroWilk
1,1,1-Trichloroethane (ug/L)	P-503B (bg)	n/a	n/a	n/a	NP	NaN	20	0.7165	0.3964	unknown	ShapiroWilk
1,1,1-Trichloroethane (ug/L)	MW-108AR	n/a	n/a	n/a	NP	NaN	19	0.7868	0.3665	unknown	ShapiroWilk
1,1,1-Trichloroethane (ug/L)	MW-505A (bg)	n/a	n/a	n/a	NP	NaN	18	0.64	0.4142	unknown	ShapiroWilk
1,1,1-Trichloroethane (ug/L)	MW-501A	n/a	n/a	n/a	NP	NaN	21	0.6914	0.4031	unknown	ShapiroWilk
1,1,1-Trichloroethane (ug/L)	MW-605	n/a	n/a	n/a	NP	NaN	15	0.568	0.4183	unknown	ShapiroWilk
1,1,1-Trichloroethane (ug/L)	MW-604	n/a	n/a	n/a	NP	NaN	15	0.568	0.4183	unknown	ShapiroWilk
1,1,2,2-Tetrachloroethane (ug/L)	MW-102A	n/a	n/a	n/a	NP	NaN	22	0.8073	0.261	unknown	ShapiroWilk
1,1,2,2-Tetrachloroethane (ug/L)	OW-301A	n/a	n/a	n/a	NP	NaN	19	0.7768	0.2688	unknown	ShapiroWilk
1,1,2,2-Tetrachloroethane (ug/L)	MW-201A	n/a	n/a	n/a	NP	NaN	24	0.8233	0.2552	unknown	ShapiroWilk
1,1,2,2-Tetrachloroethane (ug/L)	MW-103A	n/a	n/a	n/a	NP	NaN	24	0.8233	0.2552	unknown	ShapiroWilk
1,1,2,2-Tetrachloroethane (ug/L)	MW-114AR	n/a	n/a	n/a	NP	NaN	22	0.8073	0.261	unknown	ShapiroWilk
1,1,2,2-Tetrachloroethane (ug/L)	MW-120AR (bg)	n/a	n/a	n/a	NP	NaN	24	0.8233	0.2552	unknown	ShapiroWilk
1,1,2,2-Tetrachloroethane (ug/L)	P-105B	n/a	n/a	n/a	NP	NaN	22	0.8073	0.261	unknown	ShapiroWilk
1,1,2,2-Tetrachloroethane (ug/L)	P-108B	n/a	n/a	n/a	NP	NaN	22	0.8073	0.261	unknown	ShapiroWilk
1,1,2,2-Tetrachloroethane (ug/L)	MW-403A	n/a	n/a	n/a	NP	NaN	22	0.8073	0.261	unknown	ShapiroWilk
1,1,2,2-Tetrachloroethane (ug/L)	P-114BR	n/a	n/a	n/a	NP	NaN	22	0.8073	0.261	unknown	ShapiroWilk
1,1,2,2-Tetrachloroethane (ug/L)	MW-204A	n/a	n/a	n/a	NP	NaN	24	0.8233	0.2552	unknown	ShapiroWilk
1,1,2,2-Tetrachloroethane (ug/L)	P-120B (bg)	n/a	n/a	n/a	NP	NaN	22	0.8073	0.261	unknown	ShapiroWilk
1,1,2,2-Tetrachloroethane (ug/L)	MW-137A	n/a	n/a	n/a	NP	NaN	23	0.7926	0.2645	unknown	ShapiroWilk
1,1,2,2-Tetrachloroethane (ug/L)	MW-202A	n/a	n/a	n/a	NP	NaN	24	0.8233	0.2552	unknown	ShapiroWilk
1,1,2,2-Tetrachloroethane (ug/L)	MW-401A	n/a	n/a	n/a	NP	NaN	23	0.8157	0.2581	unknown	ShapiroWilk
1,1,2,2-Tetrachloroethane (ug/L)	MW-402A	n/a	n/a	n/a	NP	NaN	22	0.8073	0.261	unknown	ShapiroWilk
1,1,2,2-Tetrachloroethane (ug/L)	OW-306AR	n/a	n/a	n/a	NP	NaN	15	0.7173	0.2737	unknown	ShapiroWilk
1,1,2,2-Tetrachloroethane (ug/L)	MW-109ARR	n/a	n/a	n/a	NP	NaN	22	0.8073	0.261	unknown	ShapiroWilk
1,1,2,2-Tetrachloroethane (ug/L)	MW-502A	n/a	n/a	n/a	NP	NaN	21	0.7981	0.2637	unknown	ShapiroWilk
1,1,2,2-Tetrachloroethane (ug/L)	MW-404A	n/a	n/a	n/a	NP	NaN	22	0.8073	0.261	unknown	ShapiroWilk
1,1,2,2-Tetrachloroethane (ug/L)	P-504B (bg)	n/a	n/a	n/a	NP	NaN	15	0.7173	0.2737	unknown	ShapiroWilk
1,1,2,2-Tetrachloroethane (ug/L)	P-503B (bg)	n/a	n/a	n/a	NP	NaN	20	0.8145	0.2594	unknown	ShapiroWilk
1,1,2,2-Tetrachloroethane (ug/L)	MW-108AR	n/a	n/a	n/a	NP	NaN	19	0.8605	0.2398	unknown	ShapiroWilk

Outlier Analysis

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 12:59 PM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
1,1,2,2-Tetrachloroethane (ug/L)	MW-505A (bg)	n/a	n/a	n/a	NP	NaN	18	0.7644	0.271	unknown	ShapiroWilk
1,1,2,2-Tetrachloroethane (ug/L)	MW-501A	n/a	n/a	n/a	NP	NaN	21	0.7981	0.2637	unknown	ShapiroWilk
1,1,2,2-Tetrachloroethane (ug/L)	MW-605	n/a	n/a	n/a	NP	NaN	15	0.7173	0.2737	unknown	ShapiroWilk
1,1,2,2-Tetrachloroethane (ug/L)	MW-604	n/a	n/a	n/a	NP	NaN	15	0.7173	0.2737	unknown	ShapiroWilk
1,1,2-Trichloroethane (ug/L)	MW-102A	n/a	n/a	n/a	NP	NaN	22	0.8	0.2708	unknown	ShapiroWilk
1,1,2-Trichloroethane (ug/L)	OW-301A	n/a	n/a	n/a	NP	NaN	18	0.7556	0.2812	unknown	ShapiroWilk
1,1,2-Trichloroethane (ug/L)	MW-201A	n/a	n/a	n/a	NP	NaN	24	0.8167	0.2648	unknown	ShapiroWilk
1,1,2-Trichloroethane (ug/L)	MW-103A	n/a	n/a	n/a	NP	NaN	24	0.8167	0.2648	unknown	ShapiroWilk
1,1,2-Trichloroethane (ug/L)	MW-114AR	n/a	n/a	n/a	NP	NaN	22	0.8	0.2708	unknown	ShapiroWilk
1,1,2-Trichloroethane (ug/L)	MW-120AR (bg)	n/a	n/a	n/a	NP	NaN	24	0.8167	0.2648	unknown	ShapiroWilk
1,1,2-Trichloroethane (ug/L)	P-105B	n/a	n/a	n/a	NP	NaN	22	0.8	0.2708	unknown	ShapiroWilk
1,1,2-Trichloroethane (ug/L)	P-108B	n/a	n/a	n/a	NP	NaN	22	0.8	0.2708	unknown	ShapiroWilk
1,1,2-Trichloroethane (ug/L)	MW-403A	n/a	n/a	n/a	NP	NaN	22	0.8	0.2708	unknown	ShapiroWilk
1,1,2-Trichloroethane (ug/L)	P-114BR	n/a	n/a	n/a	NP	NaN	22	0.8	0.2708	unknown	ShapiroWilk
1,1,2-Trichloroethane (ug/L)	MW-204A	n/a	n/a	n/a	NP	NaN	24	0.8167	0.2648	unknown	ShapiroWilk
1,1,2-Trichloroethane (ug/L)	P-120B (bg)	n/a	n/a	n/a	NP	NaN	22	0.8	0.2708	unknown	ShapiroWilk
1,1,2-Trichloroethane (ug/L)	MW-137A	n/a	n/a	n/a	NP	NaN	23	0.8283	0.372	unknown	ShapiroWilk
1,1,2-Trichloroethane (ug/L)	MW-202A	n/a	n/a	n/a	NP	NaN	24	0.8583	0.3574	unknown	ShapiroWilk
1,1,2-Trichloroethane (ug/L)	MW-401A	n/a	n/a	n/a	NP	NaN	23	0.8087	0.2678	unknown	ShapiroWilk
1,1,2-Trichloroethane (ug/L)	MW-402A	n/a	n/a	n/a	NP	NaN	22	0.8	0.2708	unknown	ShapiroWilk
1,1,2-Trichloroethane (ug/L)	OW-306AR	n/a	n/a	n/a	NP	NaN	15	0.7067	0.284	unknown	ShapiroWilk
1,1,2-Trichloroethane (ug/L)	MW-109ARR	n/a	n/a	n/a	NP	NaN	22	0.8	0.2708	unknown	ShapiroWilk
1,1,2-Trichloroethane (ug/L)	MW-502A	n/a	n/a	n/a	NP	NaN	21	0.7905	0.2737	unknown	ShapiroWilk
1,1,2-Trichloroethane (ug/L)	MW-404A	n/a	n/a	n/a	NP	NaN	22	0.8	0.2708	unknown	ShapiroWilk
1,1,2-Trichloroethane (ug/L)	P-504B (bg)	n/a	n/a	n/a	NP	NaN	15	0.7067	0.284	unknown	ShapiroWilk
1,1,2-Trichloroethane (ug/L)	P-503B (bg)	n/a	n/a	n/a	NP	NaN	20	0.8075	0.2691	unknown	ShapiroWilk
1,1,2-Trichloroethane (ug/L)	MW-108AR	n/a	n/a	n/a	NP	NaN	19	0.8553	0.2488	unknown	ShapiroWilk
1,1,2-Trichloroethane (ug/L)	MW-505A (bg)	n/a	n/a	n/a	NP	NaN	18	0.7556	0.2812	unknown	ShapiroWilk
1,1,2-Trichloroethane (ug/L)	MW-501A	n/a	n/a	n/a	NP	NaN	21	0.7905	0.2737	unknown	ShapiroWilk
1,1,2-Trichloroethane (ug/L)	MW-605	n/a	n/a	n/a	NP	NaN	15	0.7733	0.435	unknown	ShapiroWilk
1,1,2-Trichloroethane (ug/L)	MW-604	n/a	n/a	n/a	NP	NaN	15	0.7067	0.284	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	MW-102A	n/a	n/a	n/a	NP	NaN	22	0.7164	0.384	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	OW-301A	No	n/a	n/a	NP	NaN	19	0.5998	0.3548	ln(x)	ShapiroWilk
1,1-Dichloroethane (ug/L)	MW-201A	No	n/a	n/a	NP	NaN	24	1.441	0.4094	normal	ShapiroWilk
1,1-Dichloroethane (ug/L)	MW-103A	n/a	n/a	n/a	NP	NaN	24	0.74	0.3756	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	MW-114AR	n/a	n/a	n/a	NP	NaN	22	0.7164	0.384	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	MW-120AR (bg)	n/a	n/a	n/a	NP	NaN	24	0.74	0.3756	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	P-105B	n/a	n/a	n/a	NP	NaN	22	0.7164	0.384	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	P-108B	n/a	n/a	n/a	NP	NaN	22	0.7164	0.384	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	MW-403A	n/a	n/a	n/a	NP	NaN	22	0.7164	0.384	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	P-114BR	n/a	n/a	n/a	NP	NaN	22	0.7164	0.384	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	MW-204A	n/a	n/a	n/a	NP	NaN	24	0.74	0.3756	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	P-120B (bg)	n/a	n/a	n/a	NP	NaN	22	0.7164	0.384	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	MW-137A	n/a	n/a	n/a	NP	NaN	23	0.6948	0.3892	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	MW-202A	n/a	n/a	n/a	NP	NaN	24	0.74	0.3756	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	MW-401A	No	n/a	n/a	NP	NaN	23	0.6939	0.3591	ln(x)	ShapiroWilk
1,1-Dichloroethane (ug/L)	MW-402A	n/a	n/a	n/a	NP	NaN	22	0.7164	0.384	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	OW-306AR	n/a	n/a	n/a	NP	NaN	15	0.584	0.4028	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	MW-109ARR	n/a	n/a	n/a	NP	NaN	22	0.7164	0.384	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	MW-502A	n/a	n/a	n/a	NP	NaN	21	0.7029	0.3881	unknown	ShapiroWilk

Outlier Analysis

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 12:59 PM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
1,1-Dichloroethane (ug/L)	MW-404A	n/a	n/a	n/a	NP	NaN	22	0.7164	0.384	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	P-504B (bg)	n/a	n/a	n/a	NP	NaN	15	0.584	0.4028	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	P-503B (bg)	n/a	n/a	n/a	NP	NaN	20	0.727	0.3817	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	MW-108AR	n/a	n/a	n/a	NP	NaN	19	0.7947	0.3529	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	MW-505A (bg)	n/a	n/a	n/a	NP	NaN	18	0.6533	0.3988	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	MW-501A	n/a	n/a	n/a	NP	NaN	21	0.7029	0.3881	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	MW-605	n/a	n/a	n/a	NP	NaN	15	0.584	0.4028	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	MW-604	n/a	n/a	n/a	NP	NaN	15	0.584	0.4028	unknown	ShapiroWilk
1,1-Dichloroethene (ug/L)	MW-102A	n/a	n/a	n/a	NP	NaN	22	1.476	0.709	unknown	ShapiroWilk
1,1-Dichloroethene (ug/L)	OW-301A	n/a	n/a	n/a	NP	NaN	19	1.394	0.7305	unknown	ShapiroWilk
1,1-Dichloroethene (ug/L)	MW-201A	n/a	n/a	n/a	NP	NaN	24	1.52	0.6934	unknown	ShapiroWilk
1,1-Dichloroethene (ug/L)	MW-103A	n/a	n/a	n/a	NP	NaN	24	1.52	0.6934	unknown	ShapiroWilk
1,1-Dichloroethene (ug/L)	MW-114AR	n/a	n/a	n/a	NP	NaN	22	1.476	0.709	unknown	ShapiroWilk
1,1-Dichloroethene (ug/L)	MW-120AR (bg)	n/a	n/a	n/a	NP	NaN	24	1.52	0.6934	unknown	ShapiroWilk
1,1-Dichloroethene (ug/L)	P-105B	n/a	n/a	n/a	NP	NaN	22	1.476	0.709	unknown	ShapiroWilk
1,1-Dichloroethene (ug/L)	P-108B	n/a	n/a	n/a	NP	NaN	22	1.476	0.709	unknown	ShapiroWilk
1,1-Dichloroethene (ug/L)	MW-403A	n/a	n/a	n/a	NP	NaN	22	1.476	0.709	unknown	ShapiroWilk
1,1-Dichloroethene (ug/L)	P-114BR	n/a	n/a	n/a	NP	NaN	22	1.476	0.709	unknown	ShapiroWilk
1,1-Dichloroethene (ug/L)	MW-204A	n/a	n/a	n/a	NP	NaN	24	1.52	0.6934	unknown	ShapiroWilk
1,1-Dichloroethene (ug/L)	P-120B (bg)	n/a	n/a	n/a	NP	NaN	22	1.476	0.709	unknown	ShapiroWilk
1,1-Dichloroethene (ug/L)	MW-137A	n/a	n/a	n/a	NP	NaN	23	1.437	0.7186	unknown	ShapiroWilk
1,1-Dichloroethene (ug/L)	MW-202A	n/a	n/a	n/a	NP	NaN	24	1.52	0.6934	unknown	ShapiroWilk
1,1-Dichloroethene (ug/L)	MW-401A	n/a	n/a	n/a	NP	NaN	23	1.499	0.7013	unknown	ShapiroWilk
1,1-Dichloroethene (ug/L)	MW-402A	n/a	n/a	n/a	NP	NaN	22	1.476	0.709	unknown	ShapiroWilk
1,1-Dichloroethene (ug/L)	OW-306AR	n/a	n/a	n/a	NP	NaN	15	1.232	0.7436	unknown	ShapiroWilk
1,1-Dichloroethene (ug/L)	MW-109ARR	n/a	n/a	n/a	NP	NaN	22	1.476	0.709	unknown	ShapiroWilk
1,1-Dichloroethene (ug/L)	MW-502A	n/a	n/a	n/a	NP	NaN	21	1.451	0.7166	unknown	ShapiroWilk
1,1-Dichloroethene (ug/L)	MW-404A	n/a	n/a	n/a	NP	NaN	22	1.476	0.709	unknown	ShapiroWilk
1,1-Dichloroethene (ug/L)	P-504B (bg)	n/a	n/a	n/a	NP	NaN	15	1.232	0.7436	unknown	ShapiroWilk
1,1-Dichloroethene (ug/L)	P-503B (bg)	n/a	n/a	n/a	NP	NaN	20	1.496	0.7047	unknown	ShapiroWilk
1,1-Dichloroethene (ug/L)	MW-108AR	n/a	n/a	n/a	NP	NaN	19	1.621	0.6515	unknown	ShapiroWilk
1,1-Dichloroethene (ug/L)	MW-505A (bg)	n/a	n/a	n/a	NP	NaN	18	1.36	0.7363	unknown	ShapiroWilk
1,1-Dichloroethene (ug/L)	MW-501A	n/a	n/a	n/a	NP	NaN	21	1.451	0.7166	unknown	ShapiroWilk
1,1-Dichloroethene (ug/L)	MW-605	n/a	n/a	n/a	NP	NaN	15	1.232	0.7436	unknown	ShapiroWilk
1,1-Dichloroethene (ug/L)	MW-604	n/a	n/a	n/a	NP	NaN	15	1.232	0.7436	unknown	ShapiroWilk
1,2,3-Trichloropropane (ug/L)	MW-102A	n/a	n/a	n/a	NP	NaN	22	0.8964	0.3169	unknown	ShapiroWilk
1,2,3-Trichloropropane (ug/L)	OW-301A	n/a	n/a	n/a	NP	NaN	18	0.8733	0.3478	unknown	ShapiroWilk
1,2,3-Trichloropropane (ug/L)	MW-201A	n/a	n/a	n/a	NP	NaN	24	0.905	0.3042	unknown	ShapiroWilk
1,2,3-Trichloropropane (ug/L)	MW-103A	n/a	n/a	n/a	NP	NaN	24	0.905	0.3042	unknown	ShapiroWilk
1,2,3-Trichloropropane (ug/L)	MW-114AR	n/a	n/a	n/a	NP	NaN	22	0.8964	0.3169	unknown	ShapiroWilk
1,2,3-Trichloropropane (ug/L)	MW-120AR (bg)	n/a	n/a	n/a	NP	NaN	24	0.905	0.3042	unknown	ShapiroWilk
1,2,3-Trichloropropane (ug/L)	P-105B	n/a	n/a	n/a	NP	NaN	22	0.8964	0.3169	unknown	ShapiroWilk
1,2,3-Trichloropropane (ug/L)	P-108B	n/a	n/a	n/a	NP	NaN	22	0.8964	0.3169	unknown	ShapiroWilk
1,2,3-Trichloropropane (ug/L)	MW-403A	n/a	n/a	n/a	NP	NaN	22	0.8964	0.3169	unknown	ShapiroWilk
1,2,3-Trichloropropane (ug/L)	P-114BR	n/a	n/a	n/a	NP	NaN	22	0.8964	0.3169	unknown	ShapiroWilk
1,2,3-Trichloropropane (ug/L)	MW-204A	n/a	n/a	n/a	NP	NaN	24	0.905	0.3042	unknown	ShapiroWilk
1,2,3-Trichloropropane (ug/L)	P-120B (bg)	n/a	n/a	n/a	NP	NaN	22	0.8964	0.3169	unknown	ShapiroWilk
1,2,3-Trichloropropane (ug/L)	MW-137A	n/a	n/a	n/a	NP	NaN	23	1.013	0.8921	unknown	ShapiroWilk
1,2,3-Trichloropropane (ug/L)	MW-202A	n/a	n/a	n/a	NP	NaN	24	1.03	0.8679	unknown	ShapiroWilk
1,2,3-Trichloropropane (ug/L)	MW-401A	n/a	n/a	n/a	NP	NaN	23	0.9009	0.3103	unknown	ShapiroWilk

Outlier Analysis

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 12:59 PM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
1,2,3-Trichloropropane (ug/L)	MW-402A	n/a	n/a	n/a	NP	NaN	22	0.8964	0.3169	unknown	ShapiroWilk
1,2,3-Trichloropropane (ug/L)	OW-306AR	n/a	n/a	n/a	NP	NaN	15	0.848	0.3778	unknown	ShapiroWilk
1,2,3-Trichloropropane (ug/L)	MW-109ARR	n/a	n/a	n/a	NP	NaN	22	0.8964	0.3169	unknown	ShapiroWilk
1,2,3-Trichloropropane (ug/L)	MW-502A	n/a	n/a	n/a	NP	NaN	21	0.8914	0.3238	unknown	ShapiroWilk
1,2,3-Trichloropropane (ug/L)	MW-404A	n/a	n/a	n/a	NP	NaN	22	0.8964	0.3169	unknown	ShapiroWilk
1,2,3-Trichloropropane (ug/L)	P-504B (bg)	n/a	n/a	n/a	NP	NaN	15	0.7813	0.2117	unknown	ShapiroWilk
1,2,3-Trichloropropane (ug/L)	P-503B (bg)	n/a	n/a	n/a	NP	NaN	20	0.9065	0.3246	unknown	ShapiroWilk
1,2,3-Trichloropropane (ug/L)	MW-108AR	n/a	n/a	n/a	NP	NaN	19	0.9447	0.3147	unknown	ShapiroWilk
1,2,3-Trichloropropane (ug/L)	MW-505A (bg)	n/a	n/a	n/a	NP	NaN	18	0.8178	0.2096	unknown	ShapiroWilk
1,2,3-Trichloropropane (ug/L)	MW-501A	n/a	n/a	n/a	NP	NaN	21	0.8914	0.3238	unknown	ShapiroWilk
1,2,3-Trichloropropane (ug/L)	MW-605	n/a	n/a	n/a	NP	NaN	15	1.048	1.112	unknown	ShapiroWilk
1,2,3-Trichloropropane (ug/L)	MW-604	n/a	n/a	n/a	NP	NaN	15	0.848	0.3778	unknown	ShapiroWilk
1,2-Dibromo-3-chloropropane (ug/L)	MW-102A	n/a	n/a	n/a	NP	NaN	22	2.164	1.78	unknown	ShapiroWilk
1,2-Dibromo-3-chloropropane (ug/L)	OW-301A	n/a	n/a	n/a	NP	NaN	19	2.347	1.853	unknown	ShapiroWilk
1,2-Dibromo-3-chloropropane (ug/L)	MW-201A	n/a	n/a	n/a	NP	NaN	24	2.4	1.88	unknown	ShapiroWilk
1,2-Dibromo-3-chloropropane (ug/L)	MW-103A	n/a	n/a	n/a	NP	NaN	24	2.4	1.88	unknown	ShapiroWilk
1,2-Dibromo-3-chloropropane (ug/L)	MW-114AR	n/a	n/a	n/a	NP	NaN	22	2.164	1.78	unknown	ShapiroWilk
1,2-Dibromo-3-chloropropane (ug/L)	MW-120AR (bg)	n/a	n/a	n/a	NP	NaN	24	2.4	1.88	unknown	ShapiroWilk
1,2-Dibromo-3-chloropropane (ug/L)	P-105B	n/a	n/a	n/a	NP	NaN	22	2.164	1.78	unknown	ShapiroWilk
1,2-Dibromo-3-chloropropane (ug/L)	P-108B	n/a	n/a	n/a	NP	NaN	22	2.164	1.78	unknown	ShapiroWilk
1,2-Dibromo-3-chloropropane (ug/L)	MW-403A	n/a	n/a	n/a	NP	NaN	22	2.164	1.78	unknown	ShapiroWilk
1,2-Dibromo-3-chloropropane (ug/L)	P-114BR	n/a	n/a	n/a	NP	NaN	22	2.164	1.78	unknown	ShapiroWilk
1,2-Dibromo-3-chloropropane (ug/L)	MW-204A	n/a	n/a	n/a	NP	NaN	24	2.4	1.88	unknown	ShapiroWilk
1,2-Dibromo-3-chloropropane (ug/L)	P-120B (bg)	n/a	n/a	n/a	NP	NaN	22	2.164	1.78	unknown	ShapiroWilk
1,2-Dibromo-3-chloropropane (ug/L)	MW-137A	n/a	n/a	n/a	NP	NaN	23	2.122	1.751	unknown	ShapiroWilk
1,2-Dibromo-3-chloropropane (ug/L)	MW-202A	n/a	n/a	n/a	NP	NaN	24	2.4	1.88	unknown	ShapiroWilk
1,2-Dibromo-3-chloropropane (ug/L)	MW-401A	n/a	n/a	n/a	NP	NaN	23	2.287	1.837	unknown	ShapiroWilk
1,2-Dibromo-3-chloropropane (ug/L)	MW-402A	n/a	n/a	n/a	NP	NaN	22	2.164	1.78	unknown	ShapiroWilk
1,2-Dibromo-3-chloropropane (ug/L)	OW-306AR	n/a	n/a	n/a	NP	NaN	15	2.973	1.962	unknown	ShapiroWilk
1,2-Dibromo-3-chloropropane (ug/L)	MW-109ARR	n/a	n/a	n/a	NP	NaN	22	2.164	1.78	unknown	ShapiroWilk
1,2-Dibromo-3-chloropropane (ug/L)	MW-502A	n/a	n/a	n/a	NP	NaN	21	2.219	1.804	unknown	ShapiroWilk
1,2-Dibromo-3-chloropropane (ug/L)	MW-404A	n/a	n/a	n/a	NP	NaN	22	2.164	1.78	unknown	ShapiroWilk
1,2-Dibromo-3-chloropropane (ug/L)	P-504B (bg)	n/a	n/a	n/a	NP	NaN	15	1.64	1.367	unknown	ShapiroWilk
1,2-Dibromo-3-chloropropane (ug/L)	P-503B (bg)	n/a	n/a	n/a	NP	NaN	20	2.27	1.836	unknown	ShapiroWilk
1,2-Dibromo-3-chloropropane (ug/L)	MW-108AR	n/a	n/a	n/a	NP	NaN	19	2.316	1.875	unknown	ShapiroWilk
1,2-Dibromo-3-chloropropane (ug/L)	MW-505A (bg)	n/a	n/a	n/a	NP	NaN	18	2.2	1.789	unknown	ShapiroWilk
1,2-Dibromo-3-chloropropane (ug/L)	MW-501A	n/a	n/a	n/a	NP	NaN	21	2.219	1.804	unknown	ShapiroWilk
1,2-Dibromo-3-chloropropane (ug/L)	MW-605	n/a	n/a	n/a	NP	NaN	15	2.973	1.962	unknown	ShapiroWilk
1,2-Dibromo-3-chloropropane (ug/L)	MW-604	n/a	n/a	n/a	NP	NaN	15	2.973	1.962	unknown	ShapiroWilk
1,2-Dibromoethane [EDB] (ug/L)	MW-102A	n/a	n/a	n/a	NP	NaN	22	0.76	0.325	unknown	ShapiroWilk
1,2-Dibromoethane [EDB] (ug/L)	OW-301A	n/a	n/a	n/a	NP	NaN	19	0.7221	0.3348	unknown	ShapiroWilk
1,2-Dibromoethane [EDB] (ug/L)	MW-201A	n/a	n/a	n/a	NP	NaN	24	0.78	0.3178	unknown	ShapiroWilk
1,2-Dibromoethane [EDB] (ug/L)	MW-103A	n/a	n/a	n/a	NP	NaN	24	0.78	0.3178	unknown	ShapiroWilk
1,2-Dibromoethane [EDB] (ug/L)	MW-114AR	n/a	n/a	n/a	NP	NaN	22	0.76	0.325	unknown	ShapiroWilk
1,2-Dibromoethane [EDB] (ug/L)	MW-120AR (bg)	n/a	n/a	n/a	NP	NaN	24	0.78	0.3178	unknown	ShapiroWilk
1,2-Dibromoethane [EDB] (ug/L)	P-105B	n/a	n/a	n/a	NP	NaN	22	0.76	0.325	unknown	ShapiroWilk
1,2-Dibromoethane [EDB] (ug/L)	P-108B	n/a	n/a	n/a	NP	NaN	22	0.76	0.325	unknown	ShapiroWilk
1,2-Dibromoethane [EDB] (ug/L)	MW-403A	n/a	n/a	n/a	NP	NaN	22	0.76	0.325	unknown	ShapiroWilk
1,2-Dibromoethane [EDB] (ug/L)	P-114BR	n/a	n/a	n/a	NP	NaN	22	0.76	0.325	unknown	ShapiroWilk
1,2-Dibromoethane [EDB] (ug/L)	MW-204A	n/a	n/a	n/a	NP	NaN	24	0.78	0.3178	unknown	ShapiroWilk

Outlier Analysis

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 12:59 PM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
1,2-Dibromoethane [EDB] (ug/L)	P-120B (bg)	n/a	n/a	n/a	NP	NaN	22	0.76	0.325	unknown	ShapiroWilk
1,2-Dibromoethane [EDB] (ug/L)	MW-137A	n/a	n/a	n/a	NP	NaN	23	0.7852	0.4188	unknown	ShapiroWilk
1,2-Dibromoethane [EDB] (ug/L)	MW-202A	n/a	n/a	n/a	NP	NaN	24	0.8217	0.4023	unknown	ShapiroWilk
1,2-Dibromoethane [EDB] (ug/L)	MW-401A	n/a	n/a	n/a	NP	NaN	23	0.7704	0.3214	unknown	ShapiroWilk
1,2-Dibromoethane [EDB] (ug/L)	MW-402A	n/a	n/a	n/a	NP	NaN	22	0.76	0.325	unknown	ShapiroWilk
1,2-Dibromoethane [EDB] (ug/L)	OW-306AR	n/a	n/a	n/a	NP	NaN	15	0.648	0.3408	unknown	ShapiroWilk
1,2-Dibromoethane [EDB] (ug/L)	MW-109ARR	n/a	n/a	n/a	NP	NaN	22	0.76	0.325	unknown	ShapiroWilk
1,2-Dibromoethane [EDB] (ug/L)	MW-502A	n/a	n/a	n/a	NP	NaN	21	0.7486	0.3284	unknown	ShapiroWilk
1,2-Dibromoethane [EDB] (ug/L)	MW-404A	n/a	n/a	n/a	NP	NaN	22	0.76	0.325	unknown	ShapiroWilk
1,2-Dibromoethane [EDB] (ug/L)	P-504B (bg)	n/a	n/a	n/a	NP	NaN	15	0.648	0.3408	unknown	ShapiroWilk
1,2-Dibromoethane [EDB] (ug/L)	P-503B (bg)	n/a	n/a	n/a	NP	NaN	20	0.769	0.323	unknown	ShapiroWilk
1,2-Dibromoethane [EDB] (ug/L)	MW-108AR	n/a	n/a	n/a	NP	NaN	19	0.8263	0.2986	unknown	ShapiroWilk
1,2-Dibromoethane [EDB] (ug/L)	MW-505A (bg)	n/a	n/a	n/a	NP	NaN	18	0.7067	0.3375	unknown	ShapiroWilk
1,2-Dibromoethane [EDB] (ug/L)	MW-501A	n/a	n/a	n/a	NP	NaN	21	0.7486	0.3284	unknown	ShapiroWilk
1,2-Dibromoethane [EDB] (ug/L)	MW-605	n/a	n/a	n/a	NP	NaN	15	0.7147	0.4828	unknown	ShapiroWilk
1,2-Dibromoethane [EDB] (ug/L)	MW-604	n/a	n/a	n/a	NP	NaN	15	0.648	0.3408	unknown	ShapiroWilk
1,2-Dichlorobenzene (ug/L)	MW-102A	n/a	n/a	n/a	NP	NaN	22	0.7709	0.3102	unknown	ShapiroWilk
1,2-Dichlorobenzene (ug/L)	OW-301A	n/a	n/a	n/a	NP	NaN	19	0.7347	0.3196	unknown	ShapiroWilk
1,2-Dichlorobenzene (ug/L)	MW-201A	n/a	n/a	n/a	NP	NaN	24	0.79	0.3034	unknown	ShapiroWilk
1,2-Dichlorobenzene (ug/L)	MW-103A	n/a	n/a	n/a	NP	NaN	24	0.79	0.3034	unknown	ShapiroWilk
1,2-Dichlorobenzene (ug/L)	MW-114AR	n/a	n/a	n/a	NP	NaN	22	0.7709	0.3102	unknown	ShapiroWilk
1,2-Dichlorobenzene (ug/L)	MW-120AR (bg)	n/a	n/a	n/a	NP	NaN	24	0.79	0.3034	unknown	ShapiroWilk
1,2-Dichlorobenzene (ug/L)	P-105B	n/a	n/a	n/a	NP	NaN	22	0.7709	0.3102	unknown	ShapiroWilk
1,2-Dichlorobenzene (ug/L)	P-108B	n/a	n/a	n/a	NP	NaN	22	0.7709	0.3102	unknown	ShapiroWilk
1,2-Dichlorobenzene (ug/L)	MW-403A	n/a	n/a	n/a	NP	NaN	22	0.7709	0.3102	unknown	ShapiroWilk
1,2-Dichlorobenzene (ug/L)	P-114BR	n/a	n/a	n/a	NP	NaN	22	0.7709	0.3102	unknown	ShapiroWilk
1,2-Dichlorobenzene (ug/L)	MW-204A	n/a	n/a	n/a	NP	NaN	24	0.79	0.3034	unknown	ShapiroWilk
1,2-Dichlorobenzene (ug/L)	P-120B (bg)	n/a	n/a	n/a	NP	NaN	22	0.7709	0.3102	unknown	ShapiroWilk
1,2-Dichlorobenzene (ug/L)	MW-137A	n/a	n/a	n/a	NP	NaN	23	0.7535	0.3144	unknown	ShapiroWilk
1,2-Dichlorobenzene (ug/L)	MW-202A	n/a	n/a	n/a	NP	NaN	24	0.79	0.3034	unknown	ShapiroWilk
1,2-Dichlorobenzene (ug/L)	MW-401A	n/a	n/a	n/a	NP	NaN	23	0.7809	0.3068	unknown	ShapiroWilk
1,2-Dichlorobenzene (ug/L)	MW-402A	n/a	n/a	n/a	NP	NaN	22	0.7709	0.3102	unknown	ShapiroWilk
1,2-Dichlorobenzene (ug/L)	OW-306AR	n/a	n/a	n/a	NP	NaN	15	0.664	0.3253	unknown	ShapiroWilk
1,2-Dichlorobenzene (ug/L)	MW-109ARR	n/a	n/a	n/a	NP	NaN	22	0.7709	0.3102	unknown	ShapiroWilk
1,2-Dichlorobenzene (ug/L)	MW-502A	n/a	n/a	n/a	NP	NaN	21	0.76	0.3135	unknown	ShapiroWilk
1,2-Dichlorobenzene (ug/L)	MW-404A	n/a	n/a	n/a	NP	NaN	22	0.7709	0.3102	unknown	ShapiroWilk
1,2-Dichlorobenzene (ug/L)	P-504B (bg)	n/a	n/a	n/a	NP	NaN	15	0.664	0.3253	unknown	ShapiroWilk
1,2-Dichlorobenzene (ug/L)	P-503B (bg)	n/a	n/a	n/a	NP	NaN	20	0.7795	0.3083	unknown	ShapiroWilk
1,2-Dichlorobenzene (ug/L)	MW-108AR	n/a	n/a	n/a	NP	NaN	19	0.8342	0.285	unknown	ShapiroWilk
1,2-Dichlorobenzene (ug/L)	MW-505A (bg)	n/a	n/a	n/a	NP	NaN	18	0.72	0.3221	unknown	ShapiroWilk
1,2-Dichlorobenzene (ug/L)	MW-501A	n/a	n/a	n/a	NP	NaN	21	0.76	0.3135	unknown	ShapiroWilk
1,2-Dichlorobenzene (ug/L)	MW-605	n/a	n/a	n/a	NP	NaN	15	0.664	0.3253	unknown	ShapiroWilk
1,2-Dichlorobenzene (ug/L)	MW-604	n/a	n/a	n/a	NP	NaN	15	0.664	0.3253	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-102A	n/a	n/a	n/a	NP	NaN	22	0.7782	0.3003	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	OW-301A	n/a	n/a	n/a	NP	NaN	19	0.7432	0.3094	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-201A	n/a	n/a	n/a	NP	NaN	24	0.7967	0.2937	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-103A	n/a	n/a	n/a	NP	NaN	24	0.7967	0.2937	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-114AR	n/a	n/a	n/a	NP	NaN	22	0.7782	0.3003	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-120AR (bg)	n/a	n/a	n/a	NP	NaN	24	0.7967	0.2937	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	P-105B	n/a	n/a	n/a	NP	NaN	22	0.7782	0.3003	unknown	ShapiroWilk

Outlier Analysis

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 12:59 PM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
1,2-Dichloroethane (ug/L)	P-108B	n/a	n/a	n/a	NP	NaN	22	0.7782	0.3003	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-403A	n/a	n/a	n/a	NP	NaN	22	0.7782	0.3003	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	P-114BR	n/a	n/a	n/a	NP	NaN	22	0.7782	0.3003	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-204A	n/a	n/a	n/a	NP	NaN	24	0.7967	0.2937	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	P-120B (bg)	n/a	n/a	n/a	NP	NaN	22	0.7782	0.3003	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-137A	n/a	n/a	n/a	NP	NaN	23	0.7613	0.3044	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-202A	n/a	n/a	n/a	NP	NaN	24	0.7967	0.2937	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-401A	n/a	n/a	n/a	NP	NaN	23	0.7878	0.2971	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-402A	n/a	n/a	n/a	NP	NaN	22	0.7782	0.3003	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	OW-306AR	n/a	n/a	n/a	NP	NaN	15	0.6747	0.315	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-109ARR	n/a	n/a	n/a	NP	NaN	22	0.7782	0.3003	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-502A	n/a	n/a	n/a	NP	NaN	21	0.7676	0.3035	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-404A	n/a	n/a	n/a	NP	NaN	22	0.7782	0.3003	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	P-504B (bg)	n/a	n/a	n/a	NP	NaN	15	0.6747	0.315	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	P-503B (bg)	n/a	n/a	n/a	NP	NaN	20	0.7865	0.2985	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-108AR	n/a	n/a	n/a	NP	NaN	19	0.8395	0.276	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-505A (bg)	n/a	n/a	n/a	NP	NaN	18	0.7289	0.3119	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-501A	n/a	n/a	n/a	NP	NaN	21	0.7676	0.3035	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-605	n/a	n/a	n/a	NP	NaN	15	0.6747	0.315	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	MW-604	n/a	n/a	n/a	NP	NaN	15	0.6747	0.315	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-102A	n/a	n/a	n/a	NP	NaN	22	0.7345	0.3594	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	OW-301A	n/a	n/a	n/a	NP	NaN	19	0.6926	0.3703	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-201A	n/a	n/a	n/a	NP	NaN	24	0.7567	0.3515	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-103A	n/a	n/a	n/a	NP	NaN	24	0.7567	0.3515	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-114AR	n/a	n/a	n/a	NP	NaN	22	0.7345	0.3594	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-120AR (bg)	n/a	n/a	n/a	NP	NaN	24	0.7567	0.3515	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	P-105B	n/a	n/a	n/a	NP	NaN	22	0.7345	0.3594	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	P-108B	n/a	n/a	n/a	NP	NaN	22	0.7345	0.3594	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-403A	n/a	n/a	n/a	NP	NaN	22	0.7345	0.3594	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	P-114BR	n/a	n/a	n/a	NP	NaN	22	0.7345	0.3594	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-204A	n/a	n/a	n/a	NP	NaN	24	0.7567	0.3515	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	P-120B (bg)	n/a	n/a	n/a	NP	NaN	22	0.7345	0.3594	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-137A	n/a	n/a	n/a	NP	NaN	23	0.7143	0.3643	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-202A	n/a	n/a	n/a	NP	NaN	24	0.7567	0.3515	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-401A	n/a	n/a	n/a	NP	NaN	23	0.7173	0.3607	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-402A	n/a	n/a	n/a	NP	NaN	22	0.7345	0.3594	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	OW-306AR	n/a	n/a	n/a	NP	NaN	15	0.6107	0.377	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-109ARR	n/a	n/a	n/a	NP	NaN	22	0.7345	0.3594	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-502A	n/a	n/a	n/a	NP	NaN	21	0.7219	0.3633	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-404A	n/a	n/a	n/a	NP	NaN	22	0.7345	0.3594	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	P-504B (bg)	n/a	n/a	n/a	NP	NaN	15	0.6107	0.377	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	P-503B (bg)	n/a	n/a	n/a	NP	NaN	20	0.7445	0.3572	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-108AR	n/a	n/a	n/a	NP	NaN	19	0.8079	0.3303	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-505A (bg)	n/a	n/a	n/a	NP	NaN	18	0.6756	0.3733	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-501A	n/a	n/a	n/a	NP	NaN	21	0.7219	0.3633	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-605	n/a	n/a	n/a	NP	NaN	15	0.6107	0.377	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	MW-604	n/a	n/a	n/a	NP	NaN	15	0.6107	0.377	unknown	ShapiroWilk
1,4-Dichlorobenzene (ug/L)	MW-102A	n/a	n/a	n/a	NP	NaN	22	0.72	0.3791	unknown	ShapiroWilk
1,4-Dichlorobenzene (ug/L)	OW-301A	n/a	n/a	n/a	NP	NaN	19	0.6758	0.3906	unknown	ShapiroWilk
1,4-Dichlorobenzene (ug/L)	MW-201A	n/a	n/a	n/a	NP	NaN	24	0.7433	0.3708	unknown	ShapiroWilk

Outlier Analysis

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Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
1,4-Dichlorobenzene (ug/L)	MW-103A	n/a	n/a	n/a	NP	NaN	24	0.7433	0.3708	unknown	ShapiroWilk
1,4-Dichlorobenzene (ug/L)	MW-114AR	n/a	n/a	n/a	NP	NaN	22	0.72	0.3791	unknown	ShapiroWilk
1,4-Dichlorobenzene (ug/L)	MW-120AR (bg)	n/a	n/a	n/a	NP	NaN	24	0.7177	0.3735	unknown	ShapiroWilk
1,4-Dichlorobenzene (ug/L)	P-105B	n/a	n/a	n/a	NP	NaN	22	0.72	0.3791	unknown	ShapiroWilk
1,4-Dichlorobenzene (ug/L)	P-108B	n/a	n/a	n/a	NP	NaN	22	0.72	0.3791	unknown	ShapiroWilk
1,4-Dichlorobenzene (ug/L)	MW-403A	n/a	n/a	n/a	NP	NaN	22	0.72	0.3791	unknown	ShapiroWilk
1,4-Dichlorobenzene (ug/L)	P-114BR	n/a	n/a	n/a	NP	NaN	22	0.72	0.3791	unknown	ShapiroWilk
1,4-Dichlorobenzene (ug/L)	MW-204A	n/a	n/a	n/a	NP	NaN	24	0.7433	0.3708	unknown	ShapiroWilk
1,4-Dichlorobenzene (ug/L)	P-120B (bg)	n/a	n/a	n/a	NP	NaN	22	0.72	0.3791	unknown	ShapiroWilk
1,4-Dichlorobenzene (ug/L)	MW-137A	n/a	n/a	n/a	NP	NaN	23	0.6987	0.3842	unknown	ShapiroWilk
1,4-Dichlorobenzene (ug/L)	MW-202A	n/a	n/a	n/a	NP	NaN	24	0.7433	0.3708	unknown	ShapiroWilk
1,4-Dichlorobenzene (ug/L)	MW-401A	n/a	n/a	n/a	NP	NaN	23	0.7322	0.375	unknown	ShapiroWilk
1,4-Dichlorobenzene (ug/L)	MW-402A	n/a	n/a	n/a	NP	NaN	22	0.72	0.3791	unknown	ShapiroWilk
1,4-Dichlorobenzene (ug/L)	OW-306AR	n/a	n/a	n/a	NP	NaN	15	0.5893	0.3976	unknown	ShapiroWilk
1,4-Dichlorobenzene (ug/L)	MW-109ARR	n/a	n/a	n/a	NP	NaN	22	0.72	0.3791	unknown	ShapiroWilk
1,4-Dichlorobenzene (ug/L)	MW-502A	n/a	n/a	n/a	NP	NaN	21	0.7067	0.3832	unknown	ShapiroWilk
1,4-Dichlorobenzene (ug/L)	MW-404A	n/a	n/a	n/a	NP	NaN	22	0.72	0.3791	unknown	ShapiroWilk
1,4-Dichlorobenzene (ug/L)	P-504B (bg)	n/a	n/a	n/a	NP	NaN	15	0.5893	0.3976	unknown	ShapiroWilk
1,4-Dichlorobenzene (ug/L)	P-503B (bg)	n/a	n/a	n/a	NP	NaN	20	0.7305	0.3768	unknown	ShapiroWilk
1,4-Dichlorobenzene (ug/L)	MW-108AR	n/a	n/a	n/a	NP	NaN	19	0.7974	0.3484	unknown	ShapiroWilk
1,4-Dichlorobenzene (ug/L)	MW-505A (bg)	n/a	n/a	n/a	NP	NaN	18	0.6578	0.3937	unknown	ShapiroWilk
1,4-Dichlorobenzene (ug/L)	MW-501A	n/a	n/a	n/a	NP	NaN	21	0.7067	0.3832	unknown	ShapiroWilk
1,4-Dichlorobenzene (ug/L)	MW-605	n/a	n/a	n/a	NP	NaN	15	0.5893	0.3976	unknown	ShapiroWilk
1,4-Dichlorobenzene (ug/L)	MW-604	n/a	n/a	n/a	NP	NaN	15	0.5893	0.3976	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-102A	n/a	n/a	n/a	NP	NaN	22	6.218	3.682	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	OW-301A	n/a	n/a	n/a	NP	NaN	19	6.411	3.94	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-201A	n/a	n/a	n/a	NP	NaN	24	6.533	3.676	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-103A	n/a	n/a	n/a	NP	NaN	24	6.533	3.676	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-114AR	n/a	n/a	n/a	NP	NaN	22	6.218	3.682	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-120AR (bg)	n/a	n/a	n/a	NP	NaN	24	6.443	3.742	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	P-105B	n/a	n/a	n/a	NP	NaN	22	6.218	3.682	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	P-108B	n/a	n/a	n/a	NP	NaN	22	6.083	3.782	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-403A	n/a	n/a	n/a	NP	NaN	22	6.218	3.682	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	P-114BR	n/a	n/a	n/a	NP	NaN	22	6.218	3.682	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-204A	n/a	n/a	n/a	NP	NaN	24	6.533	3.676	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	P-120B (bg)	n/a	n/a	n/a	NP	NaN	22	6.218	3.682	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-137A	n/a	n/a	n/a	NP	NaN	23	7.1	6.953	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-202A	n/a	n/a	n/a	NP	NaN	24	6.533	3.676	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-401A	n/a	n/a	n/a	NP	NaN	23	6.383	3.682	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-402A	n/a	n/a	n/a	NP	NaN	22	6.09	3.773	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	OW-306AR	n/a	n/a	n/a	NP	NaN	15	5.787	4.08	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-109ARR	n/a	n/a	n/a	NP	NaN	22	6.218	3.682	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-502A	n/a	n/a	n/a	NP	NaN	21	6.276	3.762	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-404A	n/a	n/a	n/a	NP	NaN	22	6.218	3.682	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	P-504B (bg)	n/a	n/a	n/a	NP	NaN	15	4.787	3.45	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	P-503B (bg)	n/a	n/a	n/a	NP	NaN	20	6.264	3.95	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-108AR	n/a	n/a	n/a	NP	NaN	19	6.673	3.746	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-505A (bg)	n/a	n/a	n/a	NP	NaN	18	5.656	3.714	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-501A	n/a	n/a	n/a	NP	NaN	21	6.514	3.835	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	MW-605	n/a	n/a	n/a	NP	NaN	15	5.787	4.08	unknown	ShapiroWilk

Outlier Analysis

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 12:59 PM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
2-Butanone [MEK] (ug/L)	MW-604	n/a	n/a	n/a	NP	NaN	15	5.787	4.08	unknown	ShapiroWilk
2-Hexanone (ug/L)	MW-102A	n/a	n/a	n/a	NP	NaN	22	7.091	3.939	unknown	ShapiroWilk
2-Hexanone (ug/L)	OW-301A	n/a	n/a	n/a	NP	NaN	19	6.632	4.058	unknown	ShapiroWilk
2-Hexanone (ug/L)	MW-201A	n/a	n/a	n/a	NP	NaN	24	7.333	3.852	unknown	ShapiroWilk
2-Hexanone (ug/L)	MW-103A	n/a	n/a	n/a	NP	NaN	24	7.333	3.852	unknown	ShapiroWilk
2-Hexanone (ug/L)	MW-114AR	n/a	n/a	n/a	NP	NaN	22	7.091	3.939	unknown	ShapiroWilk
2-Hexanone (ug/L)	MW-120AR (bg)	n/a	n/a	n/a	NP	NaN	24	6.931	4.06	unknown	ShapiroWilk
2-Hexanone (ug/L)	P-105B	n/a	n/a	n/a	NP	NaN	22	7.091	3.939	unknown	ShapiroWilk
2-Hexanone (ug/L)	P-108B	n/a	n/a	n/a	NP	NaN	22	7.091	3.939	unknown	ShapiroWilk
2-Hexanone (ug/L)	MW-403A	n/a	n/a	n/a	NP	NaN	22	7.091	3.939	unknown	ShapiroWilk
2-Hexanone (ug/L)	P-114BR	n/a	n/a	n/a	NP	NaN	22	7.091	3.939	unknown	ShapiroWilk
2-Hexanone (ug/L)	MW-204A	n/a	n/a	n/a	NP	NaN	24	7.333	3.852	unknown	ShapiroWilk
2-Hexanone (ug/L)	P-120B (bg)	n/a	n/a	n/a	NP	NaN	22	7.091	3.939	unknown	ShapiroWilk
2-Hexanone (ug/L)	MW-137A	n/a	n/a	n/a	NP	NaN	23	6.87	3.992	unknown	ShapiroWilk
2-Hexanone (ug/L)	MW-202A	n/a	n/a	n/a	NP	NaN	24	7.333	3.852	unknown	ShapiroWilk
2-Hexanone (ug/L)	MW-401A	n/a	n/a	n/a	NP	NaN	23	7.217	3.896	unknown	ShapiroWilk
2-Hexanone (ug/L)	MW-402A	n/a	n/a	n/a	NP	NaN	22	7.091	3.939	unknown	ShapiroWilk
2-Hexanone (ug/L)	OW-306AR	n/a	n/a	n/a	NP	NaN	15	5.733	4.131	unknown	ShapiroWilk
2-Hexanone (ug/L)	MW-109ARR	n/a	n/a	n/a	NP	NaN	22	7.091	3.939	unknown	ShapiroWilk
2-Hexanone (ug/L)	MW-502A	n/a	n/a	n/a	NP	NaN	21	6.952	3.981	unknown	ShapiroWilk
2-Hexanone (ug/L)	MW-404A	n/a	n/a	n/a	NP	NaN	22	7.091	3.939	unknown	ShapiroWilk
2-Hexanone (ug/L)	P-504B (bg)	n/a	n/a	n/a	NP	NaN	15	5.733	4.131	unknown	ShapiroWilk
2-Hexanone (ug/L)	P-503B (bg)	n/a	n/a	n/a	NP	NaN	20	7.2	3.915	unknown	ShapiroWilk
2-Hexanone (ug/L)	MW-108AR	n/a	n/a	n/a	NP	NaN	19	7.895	3.619	unknown	ShapiroWilk
2-Hexanone (ug/L)	MW-505A (bg)	n/a	n/a	n/a	NP	NaN	18	6.444	4.09	unknown	ShapiroWilk
2-Hexanone (ug/L)	MW-501A	n/a	n/a	n/a	NP	NaN	21	6.952	3.981	unknown	ShapiroWilk
2-Hexanone (ug/L)	MW-605	n/a	n/a	n/a	NP	NaN	15	5.733	4.131	unknown	ShapiroWilk
2-Hexanone (ug/L)	MW-604	n/a	n/a	n/a	NP	NaN	15	5.733	4.131	unknown	ShapiroWilk
4-Methyl-2-pentanone (ug/L)	MW-102A	n/a	n/a	n/a	NP	NaN	22	5.794	4.348	unknown	ShapiroWilk
4-Methyl-2-pentanone (ug/L)	OW-301A	n/a	n/a	n/a	NP	NaN	19	6.159	4.181	unknown	ShapiroWilk
4-Methyl-2-pentanone (ug/L)	MW-201A	n/a	n/a	n/a	NP	NaN	24	6.144	4.321	unknown	ShapiroWilk
4-Methyl-2-pentanone (ug/L)	MW-103A	n/a	n/a	n/a	NP	NaN	24	6.144	4.321	unknown	ShapiroWilk
4-Methyl-2-pentanone (ug/L)	MW-114AR	n/a	n/a	n/a	NP	NaN	22	5.794	4.348	unknown	ShapiroWilk
4-Methyl-2-pentanone (ug/L)	MW-120AR (bg)	n/a	n/a	n/a	NP	NaN	24	6.144	4.321	unknown	ShapiroWilk
4-Methyl-2-pentanone (ug/L)	P-105B	n/a	n/a	n/a	NP	NaN	22	5.794	4.348	unknown	ShapiroWilk
4-Methyl-2-pentanone (ug/L)	P-108B	n/a	n/a	n/a	NP	NaN	22	5.794	4.348	unknown	ShapiroWilk
4-Methyl-2-pentanone (ug/L)	MW-403A	n/a	n/a	n/a	NP	NaN	22	5.794	4.348	unknown	ShapiroWilk
4-Methyl-2-pentanone (ug/L)	P-114BR	n/a	n/a	n/a	NP	NaN	22	5.794	4.348	unknown	ShapiroWilk
4-Methyl-2-pentanone (ug/L)	MW-204A	n/a	n/a	n/a	NP	NaN	24	6.144	4.321	unknown	ShapiroWilk
4-Methyl-2-pentanone (ug/L)	P-120B (bg)	n/a	n/a	n/a	NP	NaN	22	5.794	4.348	unknown	ShapiroWilk
4-Methyl-2-pentanone (ug/L)	MW-137A	n/a	n/a	n/a	NP	NaN	23	5.337	4.237	unknown	ShapiroWilk
4-Methyl-2-pentanone (ug/L)	MW-202A	n/a	n/a	n/a	NP	NaN	24	6.144	4.321	unknown	ShapiroWilk
4-Methyl-2-pentanone (ug/L)	MW-401A	n/a	n/a	n/a	NP	NaN	23	5.977	4.337	unknown	ShapiroWilk
4-Methyl-2-pentanone (ug/L)	MW-402A	n/a	n/a	n/a	NP	NaN	22	5.794	4.348	unknown	ShapiroWilk
4-Methyl-2-pentanone (ug/L)	OW-306AR	n/a	n/a	n/a	NP	NaN	15	5.787	4.08	unknown	ShapiroWilk
4-Methyl-2-pentanone (ug/L)	MW-109ARR	n/a	n/a	n/a	NP	NaN	22	5.794	4.348	unknown	ShapiroWilk
4-Methyl-2-pentanone (ug/L)	MW-502A	n/a	n/a	n/a	NP	NaN	21	6.525	4.131	unknown	ShapiroWilk
4-Methyl-2-pentanone (ug/L)	MW-404A	n/a	n/a	n/a	NP	NaN	22	5.794	4.348	unknown	ShapiroWilk
4-Methyl-2-pentanone (ug/L)	P-504B (bg)	n/a	n/a	n/a	NP	NaN	15	5.135	4.139	unknown	ShapiroWilk
4-Methyl-2-pentanone (ug/L)	P-503B (bg)	n/a	n/a	n/a	NP	NaN	20	6.746	4.109	unknown	ShapiroWilk

Outlier Analysis

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 12:59 PM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
4-Methyl-2-pentanone (ug/L)	MW-108AR	n/a	n/a	n/a	NP	NaN	19	6.377	4.407	unknown	ShapiroWilk
4-Methyl-2-pentanone (ug/L)	MW-505A (bg)	n/a	n/a	n/a	NP	NaN	18	5.946	4.194	unknown	ShapiroWilk
4-Methyl-2-pentanone (ug/L)	MW-501A	n/a	n/a	n/a	NP	NaN	21	6.99	3.931	unknown	ShapiroWilk
4-Methyl-2-pentanone (ug/L)	MW-605	n/a	n/a	n/a	NP	NaN	15	5.787	4.08	unknown	ShapiroWilk
4-Methyl-2-pentanone (ug/L)	MW-604	n/a	n/a	n/a	NP	NaN	15	5.787	4.08	unknown	ShapiroWilk
Acetone (ug/L)	MW-102A	n/a	n/a	n/a	NP	NaN	22	6.366	3.811	unknown	ShapiroWilk
Acetone (ug/L)	OW-301A	n/a	n/a	n/a	NP	NaN	19	6.268	3.463	unknown	ShapiroWilk
Acetone (ug/L)	MW-201A	n/a	n/a	n/a	NP	NaN	24	6.365	3.407	unknown	ShapiroWilk
Acetone (ug/L)	MW-103A	n/a	n/a	n/a	NP	NaN	24	5.924	3.681	unknown	ShapiroWilk
Acetone (ug/L)	MW-114AR	n/a	n/a	n/a	NP	NaN	22	6.142	4.306	unknown	ShapiroWilk
Acetone (ug/L)	MW-120AR (bg)	n/a	n/a	n/a	NP	NaN	24	5.741	3.514	unknown	ShapiroWilk
Acetone (ug/L)	P-105B	n/a	n/a	n/a	NP	NaN	22	5.896	3.585	unknown	ShapiroWilk
Acetone (ug/L)	P-108B	n/a	n/a	n/a	NP	NaN	22	5.462	3.549	unknown	ShapiroWilk
Acetone (ug/L)	MW-403A	n/a	n/a	n/a	NP	NaN	22	6.205	3.913	unknown	ShapiroWilk
Acetone (ug/L)	P-114BR	n/a	n/a	n/a	NP	NaN	22	5.809	3.703	unknown	ShapiroWilk
Acetone (ug/L)	MW-204A	n/a	n/a	n/a	NP	NaN	24	5.972	3.88	unknown	ShapiroWilk
Acetone (ug/L)	P-120B (bg)	No	n/a	n/a	NP	NaN	22	5.585	3.569	ln(x)	ShapiroWilk
Acetone (ug/L)	MW-137A	n/a	n/a	n/a	NP	NaN	23	7.512	10.81	unknown	ShapiroWilk
Acetone (ug/L)	MW-202A	n/a	n/a	n/a	NP	NaN	24	6.315	3.625	unknown	ShapiroWilk
Acetone (ug/L)	MW-401A	n/a	n/a	n/a	NP	NaN	23	6.257	3.797	unknown	ShapiroWilk
Acetone (ug/L)	MW-402A	n/a	n/a	n/a	NP	NaN	22	6.365	3.894	unknown	ShapiroWilk
Acetone (ug/L)	OW-306AR	n/a	n/a	n/a	NP	NaN	15	6.607	4.024	unknown	ShapiroWilk
Acetone (ug/L)	MW-109ARR	n/a	n/a	n/a	NP	NaN	22	10.44	18.69	unknown	ShapiroWilk
Acetone (ug/L)	MW-502A	n/a	n/a	n/a	NP	NaN	21	6.062	3.481	unknown	ShapiroWilk
Acetone (ug/L)	MW-404A	n/a	n/a	n/a	NP	NaN	22	5.75	3.471	unknown	ShapiroWilk
Acetone (ug/L)	P-504B (bg)	n/a	n/a	n/a	NP	NaN	15	5.851	3.507	unknown	ShapiroWilk
Acetone (ug/L)	P-503B (bg)	n/a	n/a	n/a	NP	NaN	20	6.503	3.366	unknown	ShapiroWilk
Acetone (ug/L)	MW-108AR	n/a	n/a	n/a	NP	NaN	19	5.703	3.574	unknown	ShapiroWilk
Acetone (ug/L)	MW-505A (bg)	n/a	n/a	n/a	NP	NaN	18	6.477	3.637	unknown	ShapiroWilk
Acetone (ug/L)	MW-501A	n/a	n/a	n/a	NP	NaN	21	5.887	3.404	unknown	ShapiroWilk
Acetone (ug/L)	MW-605	n/a	n/a	n/a	NP	NaN	15	5.913	3.46	unknown	ShapiroWilk
Acetone (ug/L)	MW-604	n/a	n/a	n/a	NP	NaN	15	6.32	3.563	unknown	ShapiroWilk
Acrylonitrile (ug/L)	MW-102A	n/a	n/a	n/a	NP	NaN	22	3.827	2.604	unknown	ShapiroWilk
Acrylonitrile (ug/L)	OW-301A	n/a	n/a	n/a	NP	NaN	19	3.849	2.141	unknown	ShapiroWilk
Acrylonitrile (ug/L)	MW-201A	n/a	n/a	n/a	NP	NaN	24	3.925	2.51	unknown	ShapiroWilk
Acrylonitrile (ug/L)	MW-103A	n/a	n/a	n/a	NP	NaN	24	3.925	2.51	unknown	ShapiroWilk
Acrylonitrile (ug/L)	MW-114AR	n/a	n/a	n/a	NP	NaN	22	3.827	2.604	unknown	ShapiroWilk
Acrylonitrile (ug/L)	MW-120AR (bg)	n/a	n/a	n/a	NP	NaN	24	3.925	2.51	unknown	ShapiroWilk
Acrylonitrile (ug/L)	P-105B	n/a	n/a	n/a	NP	NaN	22	3.827	2.604	unknown	ShapiroWilk
Acrylonitrile (ug/L)	P-108B	n/a	n/a	n/a	NP	NaN	22	3.827	2.604	unknown	ShapiroWilk
Acrylonitrile (ug/L)	MW-403A	n/a	n/a	n/a	NP	NaN	22	3.827	2.604	unknown	ShapiroWilk
Acrylonitrile (ug/L)	P-114BR	n/a	n/a	n/a	NP	NaN	22	3.827	2.604	unknown	ShapiroWilk
Acrylonitrile (ug/L)	MW-204A	n/a	n/a	n/a	NP	NaN	24	3.925	2.51	unknown	ShapiroWilk
Acrylonitrile (ug/L)	P-120B (bg)	n/a	n/a	n/a	NP	NaN	22	3.827	2.604	unknown	ShapiroWilk
Acrylonitrile (ug/L)	MW-137A	n/a	n/a	n/a	NP	NaN	23	3.756	2.567	unknown	ShapiroWilk
Acrylonitrile (ug/L)	MW-202A	n/a	n/a	n/a	NP	NaN	24	3.925	2.51	unknown	ShapiroWilk
Acrylonitrile (ug/L)	MW-401A	n/a	n/a	n/a	NP	NaN	23	3.878	2.556	unknown	ShapiroWilk
Acrylonitrile (ug/L)	MW-402A	n/a	n/a	n/a	NP	NaN	22	3.827	2.604	unknown	ShapiroWilk
Acrylonitrile (ug/L)	OW-306AR	n/a	n/a	n/a	NP	NaN	15	3.507	1.446	unknown	ShapiroWilk
Acrylonitrile (ug/L)	MW-109ARR	n/a	n/a	n/a	NP	NaN	22	3.827	2.604	unknown	ShapiroWilk

Outlier Analysis

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 12:59 PM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Acrylonitrile (ug/L)	MW-502A	n/a	n/a	n/a	NP	NaN	21	4.435	2.748	unknown	ShapiroWilk
Acrylonitrile (ug/L)	MW-404A	n/a	n/a	n/a	NP	NaN	22	3.827	2.604	unknown	ShapiroWilk
Acrylonitrile (ug/L)	P-504B (bg)	n/a	n/a	n/a	NP	NaN	15	4.209	3.255	unknown	ShapiroWilk
Acrylonitrile (ug/L)	P-503B (bg)	n/a	n/a	n/a	NP	NaN	20	4.547	2.77	unknown	ShapiroWilk
Acrylonitrile (ug/L)	MW-108AR	n/a	n/a	n/a	NP	NaN	19	4.084	2.72	unknown	ShapiroWilk
Acrylonitrile (ug/L)	MW-505A (bg)	n/a	n/a	n/a	NP	NaN	18	4.341	2.969	unknown	ShapiroWilk
Acrylonitrile (ug/L)	MW-501A	n/a	n/a	n/a	NP	NaN	21	4.886	2.85	unknown	ShapiroWilk
Acrylonitrile (ug/L)	MW-605	n/a	n/a	n/a	NP	NaN	15	3.507	1.446	unknown	ShapiroWilk
Acrylonitrile (ug/L)	MW-604	n/a	n/a	n/a	NP	NaN	15	3.507	1.446	unknown	ShapiroWilk
Benzene (ug/L)	MW-102A	n/a	n/a	n/a	NP	NaN	22	0.3603	0.1661	unknown	ShapiroWilk
Benzene (ug/L)	OW-301A	n/a	n/a	n/a	NP	NaN	19	0.3721	0.1855	unknown	ShapiroWilk
Benzene (ug/L)	MW-201A	n/a	n/a	n/a	NP	NaN	24	0.335	0.1575	unknown	ShapiroWilk
Benzene (ug/L)	MW-103A	n/a	n/a	n/a	NP	NaN	24	0.3609	0.1594	unknown	ShapiroWilk
Benzene (ug/L)	MW-114AR	n/a	n/a	n/a	NP	NaN	22	0.345	0.1626	unknown	ShapiroWilk
Benzene (ug/L)	MW-120AR (bg)	n/a	n/a	n/a	NP	NaN	24	0.3579	0.1614	unknown	ShapiroWilk
Benzene (ug/L)	P-105B	n/a	n/a	n/a	NP	NaN	22	0.345	0.1626	unknown	ShapiroWilk
Benzene (ug/L)	P-108B	n/a	n/a	n/a	NP	NaN	22	0.345	0.1626	unknown	ShapiroWilk
Benzene (ug/L)	MW-403A	n/a	n/a	n/a	NP	NaN	23	0.3532	0.1636	unknown	ShapiroWilk
Benzene (ug/L)	P-114BR	n/a	n/a	n/a	NP	NaN	22	0.345	0.1626	unknown	ShapiroWilk
Benzene (ug/L)	MW-204A	n/a	n/a	n/a	NP	NaN	24	0.3579	0.1614	unknown	ShapiroWilk
Benzene (ug/L)	P-120B (bg)	n/a	n/a	n/a	NP	NaN	22	0.345	0.1626	unknown	ShapiroWilk
Benzene (ug/L)	MW-137A	n/a	n/a	n/a	NP	NaN	23	0.3396	0.1609	unknown	ShapiroWilk
Benzene (ug/L)	MW-202A	n/a	n/a	n/a	NP	NaN	24	0.3579	0.1614	unknown	ShapiroWilk
Benzene (ug/L)	MW-401A	n/a	n/a	n/a	NP	NaN	23	0.3517	0.1621	unknown	ShapiroWilk
Benzene (ug/L)	MW-402A	n/a	n/a	n/a	NP	NaN	22	0.3523	0.1603	unknown	ShapiroWilk
Benzene (ug/L)	OW-306AR	n/a	n/a	n/a	NP	NaN	15	0.3507	0.1446	unknown	ShapiroWilk
Benzene (ug/L)	MW-109ARR	n/a	n/a	n/a	NP	NaN	22	0.345	0.1626	unknown	ShapiroWilk
Benzene (ug/L)	MW-502A	n/a	n/a	n/a	NP	NaN	21	0.3748	0.15	unknown	ShapiroWilk
Benzene (ug/L)	MW-404A	n/a	n/a	n/a	NP	NaN	22	0.345	0.1626	unknown	ShapiroWilk
Benzene (ug/L)	P-504B (bg)	n/a	n/a	n/a	NP	NaN	15	0.3247	0.1508	unknown	ShapiroWilk
Benzene (ug/L)	P-503B (bg)	n/a	n/a	n/a	NP	NaN	20	0.3825	0.1495	unknown	ShapiroWilk
Benzene (ug/L)	MW-108AR	n/a	n/a	n/a	NP	NaN	19	0.3647	0.1668	unknown	ShapiroWilk
Benzene (ug/L)	MW-505A (bg)	n/a	n/a	n/a	NP	NaN	18	0.3539	0.1524	unknown	ShapiroWilk
Benzene (ug/L)	MW-501A	n/a	n/a	n/a	NP	NaN	21	0.3933	0.1393	unknown	ShapiroWilk
Benzene (ug/L)	MW-605	n/a	n/a	n/a	NP	NaN	15	0.3507	0.1446	unknown	ShapiroWilk
Benzene (ug/L)	MW-604	n/a	n/a	n/a	NP	NaN	15	0.3507	0.1446	unknown	ShapiroWilk
Bromochloromethane (ug/L)	MW-102A	n/a	n/a	n/a	NP	NaN	22	2.713	2.345	unknown	ShapiroWilk
Bromochloromethane (ug/L)	OW-301A	n/a	n/a	n/a	NP	NaN	19	2.865	2.314	unknown	ShapiroWilk
Bromochloromethane (ug/L)	MW-201A	n/a	n/a	n/a	NP	NaN	24	2.903	2.332	unknown	ShapiroWilk
Bromochloromethane (ug/L)	MW-103A	n/a	n/a	n/a	NP	NaN	24	2.903	2.332	unknown	ShapiroWilk
Bromochloromethane (ug/L)	MW-114AR	n/a	n/a	n/a	NP	NaN	22	2.713	2.345	unknown	ShapiroWilk
Bromochloromethane (ug/L)	MW-120AR (bg)	n/a	n/a	n/a	NP	NaN	24	2.903	2.332	unknown	ShapiroWilk
Bromochloromethane (ug/L)	P-105B	n/a	n/a	n/a	NP	NaN	22	2.713	2.345	unknown	ShapiroWilk
Bromochloromethane (ug/L)	P-108B	n/a	n/a	n/a	NP	NaN	22	2.713	2.345	unknown	ShapiroWilk
Bromochloromethane (ug/L)	MW-403A	n/a	n/a	n/a	NP	NaN	22	2.713	2.345	unknown	ShapiroWilk
Bromochloromethane (ug/L)	P-114BR	n/a	n/a	n/a	NP	NaN	22	2.713	2.345	unknown	ShapiroWilk
Bromochloromethane (ug/L)	MW-204A	n/a	n/a	n/a	NP	NaN	24	2.903	2.332	unknown	ShapiroWilk
Bromochloromethane (ug/L)	P-120B (bg)	n/a	n/a	n/a	NP	NaN	22	2.713	2.345	unknown	ShapiroWilk
Bromochloromethane (ug/L)	MW-137A	n/a	n/a	n/a	NP	NaN	23	2.618	2.335	unknown	ShapiroWilk
Bromochloromethane (ug/L)	MW-202A	n/a	n/a	n/a	NP	NaN	24	2.903	2.332	unknown	ShapiroWilk

Outlier Analysis

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 12:59 PM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Bromochloromethane (ug/L)	MW-401A	n/a	n/a	n/a	NP	NaN	23	2.812	2.34	unknown	ShapiroWilk
Bromochloromethane (ug/L)	MW-402A	n/a	n/a	n/a	NP	NaN	22	2.713	2.345	unknown	ShapiroWilk
Bromochloromethane (ug/L)	OW-306AR	n/a	n/a	n/a	NP	NaN	15	2.621	2.303	unknown	ShapiroWilk
Bromochloromethane (ug/L)	MW-109ARR	n/a	n/a	n/a	NP	NaN	22	2.713	2.345	unknown	ShapiroWilk
Bromochloromethane (ug/L)	MW-502A	n/a	n/a	n/a	NP	NaN	21	3.069	2.287	unknown	ShapiroWilk
Bromochloromethane (ug/L)	MW-404A	n/a	n/a	n/a	NP	NaN	22	2.713	2.345	unknown	ShapiroWilk
Bromochloromethane (ug/L)	P-504B (bg)	n/a	n/a	n/a	NP	NaN	15	2.296	2.288	unknown	ShapiroWilk
Bromochloromethane (ug/L)	P-503B (bg)	n/a	n/a	n/a	NP	NaN	20	3.195	2.27	unknown	ShapiroWilk
Bromochloromethane (ug/L)	MW-108AR	n/a	n/a	n/a	NP	NaN	19	3.056	2.346	unknown	ShapiroWilk
Bromochloromethane (ug/L)	MW-505A (bg)	n/a	n/a	n/a	NP	NaN	18	2.747	2.321	unknown	ShapiroWilk
Bromochloromethane (ug/L)	MW-501A	n/a	n/a	n/a	NP	NaN	21	3.301	2.219	unknown	ShapiroWilk
Bromochloromethane (ug/L)	MW-605	n/a	n/a	n/a	NP	NaN	15	2.621	2.303	unknown	ShapiroWilk
Bromochloromethane (ug/L)	MW-604	n/a	n/a	n/a	NP	NaN	15	2.621	2.303	unknown	ShapiroWilk
Bromodichloromethane (ug/L)	MW-102A	n/a	n/a	n/a	NP	NaN	22	0.6582	0.3605	unknown	ShapiroWilk
Bromodichloromethane (ug/L)	OW-301A	n/a	n/a	n/a	NP	NaN	19	0.6968	0.3338	unknown	ShapiroWilk
Bromodichloromethane (ug/L)	MW-201A	n/a	n/a	n/a	NP	NaN	24	0.6867	0.3578	unknown	ShapiroWilk
Bromodichloromethane (ug/L)	MW-103A	n/a	n/a	n/a	NP	NaN	24	0.6867	0.3578	unknown	ShapiroWilk
Bromodichloromethane (ug/L)	MW-114AR	n/a	n/a	n/a	NP	NaN	22	0.6582	0.3605	unknown	ShapiroWilk
Bromodichloromethane (ug/L)	MW-120AR (bg)	n/a	n/a	n/a	NP	NaN	24	0.6867	0.3578	unknown	ShapiroWilk
Bromodichloromethane (ug/L)	P-105B	n/a	n/a	n/a	NP	NaN	22	0.6582	0.3605	unknown	ShapiroWilk
Bromodichloromethane (ug/L)	P-108B	n/a	n/a	n/a	NP	NaN	22	0.6582	0.3605	unknown	ShapiroWilk
Bromodichloromethane (ug/L)	MW-403A	n/a	n/a	n/a	NP	NaN	22	0.6582	0.3605	unknown	ShapiroWilk
Bromodichloromethane (ug/L)	P-114BR	n/a	n/a	n/a	NP	NaN	22	0.6582	0.3605	unknown	ShapiroWilk
Bromodichloromethane (ug/L)	MW-204A	n/a	n/a	n/a	NP	NaN	24	0.6867	0.3578	unknown	ShapiroWilk
Bromodichloromethane (ug/L)	P-120B (bg)	n/a	n/a	n/a	NP	NaN	22	0.6582	0.3605	unknown	ShapiroWilk
Bromodichloromethane (ug/L)	MW-137A	n/a	n/a	n/a	NP	NaN	23	0.6465	0.3566	unknown	ShapiroWilk
Bromodichloromethane (ug/L)	MW-202A	n/a	n/a	n/a	NP	NaN	24	0.6867	0.3578	unknown	ShapiroWilk
Bromodichloromethane (ug/L)	MW-401A	n/a	n/a	n/a	NP	NaN	23	0.673	0.3594	unknown	ShapiroWilk
Bromodichloromethane (ug/L)	MW-402A	n/a	n/a	n/a	NP	NaN	22	0.6582	0.3605	unknown	ShapiroWilk
Bromodichloromethane (ug/L)	OW-306AR	n/a	n/a	n/a	NP	NaN	15	0.6747	0.315	unknown	ShapiroWilk
Bromodichloromethane (ug/L)	MW-109ARR	n/a	n/a	n/a	NP	NaN	22	0.6582	0.3605	unknown	ShapiroWilk
Bromodichloromethane (ug/L)	MW-502A	n/a	n/a	n/a	NP	NaN	21	0.7257	0.3295	unknown	ShapiroWilk
Bromodichloromethane (ug/L)	MW-404A	n/a	n/a	n/a	NP	NaN	22	0.6582	0.3605	unknown	ShapiroWilk
Bromodichloromethane (ug/L)	P-504B (bg)	n/a	n/a	n/a	NP	NaN	15	0.616	0.3316	unknown	ShapiroWilk
Bromodichloromethane (ug/L)	P-503B (bg)	n/a	n/a	n/a	NP	NaN	20	0.7425	0.3287	unknown	ShapiroWilk
Bromodichloromethane (ug/L)	MW-108AR	n/a	n/a	n/a	NP	NaN	19	0.7005	0.3712	unknown	ShapiroWilk
Bromodichloromethane (ug/L)	MW-505A (bg)	n/a	n/a	n/a	NP	NaN	18	0.68	0.335	unknown	ShapiroWilk
Bromodichloromethane (ug/L)	MW-501A	n/a	n/a	n/a	NP	NaN	21	0.7676	0.3035	unknown	ShapiroWilk
Bromodichloromethane (ug/L)	MW-605	n/a	n/a	n/a	NP	NaN	15	0.6747	0.315	unknown	ShapiroWilk
Bromodichloromethane (ug/L)	MW-604	n/a	n/a	n/a	NP	NaN	15	0.6747	0.315	unknown	ShapiroWilk
Bromoform (ug/L)	MW-102A	n/a	n/a	n/a	NP	NaN	22	2.803	2.258	unknown	ShapiroWilk
Bromoform (ug/L)	OW-301A	n/a	n/a	n/a	NP	NaN	19	2.967	2.206	unknown	ShapiroWilk
Bromoform (ug/L)	MW-201A	n/a	n/a	n/a	NP	NaN	24	2.986	2.245	unknown	ShapiroWilk
Bromoform (ug/L)	MW-103A	n/a	n/a	n/a	NP	NaN	24	2.986	2.245	unknown	ShapiroWilk
Bromoform (ug/L)	MW-114AR	n/a	n/a	n/a	NP	NaN	22	2.803	2.258	unknown	ShapiroWilk
Bromoform (ug/L)	MW-120AR (bg)	n/a	n/a	n/a	NP	NaN	24	2.986	2.245	unknown	ShapiroWilk
Bromoform (ug/L)	P-105B	n/a	n/a	n/a	NP	NaN	22	2.803	2.258	unknown	ShapiroWilk
Bromoform (ug/L)	P-108B	n/a	n/a	n/a	NP	NaN	22	2.803	2.258	unknown	ShapiroWilk
Bromoform (ug/L)	MW-403A	n/a	n/a	n/a	NP	NaN	22	2.803	2.258	unknown	ShapiroWilk
Bromoform (ug/L)	P-114BR	n/a	n/a	n/a	NP	NaN	22	2.803	2.258	unknown	ShapiroWilk

Outlier Analysis

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 12:59 PM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Bromoform (ug/L)	MW-204A	n/a	n/a	n/a	NP	NaN	24	2.986	2.245	unknown	ShapiroWilk
Bromoform (ug/L)	P-120B (bg)	n/a	n/a	n/a	NP	NaN	22	2.803	2.258	unknown	ShapiroWilk
Bromoform (ug/L)	MW-137A	n/a	n/a	n/a	NP	NaN	23	2.715	2.246	unknown	ShapiroWilk
Bromoform (ug/L)	MW-202A	n/a	n/a	n/a	NP	NaN	24	2.986	2.245	unknown	ShapiroWilk
Bromoform (ug/L)	MW-401A	n/a	n/a	n/a	NP	NaN	23	2.898	2.254	unknown	ShapiroWilk
Bromoform (ug/L)	MW-402A	n/a	n/a	n/a	NP	NaN	22	2.803	2.258	unknown	ShapiroWilk
Bromoform (ug/L)	OW-306AR	n/a	n/a	n/a	NP	NaN	15	2.749	2.179	unknown	ShapiroWilk
Bromoform (ug/L)	MW-109ARR	n/a	n/a	n/a	NP	NaN	22	2.803	2.258	unknown	ShapiroWilk
Bromoform (ug/L)	MW-502A	n/a	n/a	n/a	NP	NaN	21	3.161	2.18	unknown	ShapiroWilk
Bromoform (ug/L)	MW-404A	n/a	n/a	n/a	NP	NaN	22	2.803	2.258	unknown	ShapiroWilk
Bromoform (ug/L)	P-504B (bg)	n/a	n/a	n/a	NP	NaN	15	2.425	2.182	unknown	ShapiroWilk
Bromoform (ug/L)	P-503B (bg)	n/a	n/a	n/a	NP	NaN	20	3.28	2.166	unknown	ShapiroWilk
Bromoform (ug/L)	MW-108AR	n/a	n/a	n/a	NP	NaN	19	3.122	2.272	unknown	ShapiroWilk
Bromoform (ug/L)	MW-505A (bg)	n/a	n/a	n/a	NP	NaN	18	2.854	2.213	unknown	ShapiroWilk
Bromoform (ug/L)	MW-501A	n/a	n/a	n/a	NP	NaN	21	3.392	2.1	unknown	ShapiroWilk
Bromoform (ug/L)	MW-605	n/a	n/a	n/a	NP	NaN	15	2.749	2.179	unknown	ShapiroWilk
Bromoform (ug/L)	MW-604	n/a	n/a	n/a	NP	NaN	15	2.749	2.179	unknown	ShapiroWilk
Bromomethane (ug/L)	MW-102A	n/a	n/a	n/a	NP	NaN	22	2.318	1.703	unknown	ShapiroWilk
Bromomethane (ug/L)	OW-301A	n/a	n/a	n/a	NP	NaN	19	2.245	1.686	unknown	ShapiroWilk
Bromomethane (ug/L)	MW-201A	No	n/a	n/a	NP	NaN	24	2.154	1.72	ln(x)	ShapiroWilk
Bromomethane (ug/L)	MW-103A	No	n/a	n/a	NP	NaN	24	2.153	1.721	ln(x)	ShapiroWilk
Bromomethane (ug/L)	MW-114AR	No	n/a	n/a	NP	NaN	22	2.158	1.703	ln(x)	ShapiroWilk
Bromomethane (ug/L)	MW-120AR (bg)	n/a	n/a	n/a	NP	NaN	24	2.45	1.705	unknown	ShapiroWilk
Bromomethane (ug/L)	P-105B	No	n/a	n/a	NP	NaN	22	2.14	1.722	x^(1/3)	ShapiroWilk
Bromomethane (ug/L)	P-108B	n/a	n/a	n/a	NP	NaN	22	2.314	1.708	unknown	ShapiroWilk
Bromomethane (ug/L)	MW-403A	n/a	n/a	n/a	NP	NaN	22	2.321	1.7	unknown	ShapiroWilk
Bromomethane (ug/L)	P-114BR	n/a	n/a	n/a	NP	NaN	22	2.313	1.709	unknown	ShapiroWilk
Bromomethane (ug/L)	MW-204A	n/a	n/a	n/a	NP	NaN	24	2.447	1.71	unknown	ShapiroWilk
Bromomethane (ug/L)	P-120B (bg)	n/a	n/a	n/a	NP	NaN	22	2.31	1.712	unknown	ShapiroWilk
Bromomethane (ug/L)	MW-137A	n/a	n/a	n/a	NP	NaN	23	2.214	1.629	unknown	ShapiroWilk
Bromomethane (ug/L)	MW-202A	n/a	n/a	n/a	NP	NaN	24	2.261	1.661	unknown	ShapiroWilk
Bromomethane (ug/L)	MW-401A	n/a	n/a	n/a	NP	NaN	23	2.234	1.712	unknown	ShapiroWilk
Bromomethane (ug/L)	MW-402A	n/a	n/a	n/a	NP	NaN	22	2.309	1.713	unknown	ShapiroWilk
Bromomethane (ug/L)	OW-306AR	n/a	n/a	n/a	NP	NaN	15	2.52	1.591	unknown	ShapiroWilk
Bromomethane (ug/L)	MW-109ARR	n/a	n/a	n/a	NP	NaN	22	2.315	1.706	unknown	ShapiroWilk
Bromomethane (ug/L)	MW-502A	n/a	n/a	n/a	NP	NaN	21	2.426	1.668	unknown	ShapiroWilk
Bromomethane (ug/L)	MW-404A	No	n/a	n/a	NP	NaN	22	2.136	1.727	x^(1/3)	ShapiroWilk
Bromomethane (ug/L)	P-504B (bg)	n/a	n/a	n/a	NP	NaN	15	1.967	1.511	unknown	ShapiroWilk
Bromomethane (ug/L)	P-503B (bg)	n/a	n/a	n/a	NP	NaN	20	2.671	1.639	unknown	ShapiroWilk
Bromomethane (ug/L)	MW-108AR	No	n/a	n/a	NP	NaN	19	2.312	1.794	x^(1/3)	ShapiroWilk
Bromomethane (ug/L)	MW-505A (bg)	n/a	n/a	n/a	NP	NaN	18	2.501	1.555	unknown	ShapiroWilk
Bromomethane (ug/L)	MW-501A	n/a	n/a	n/a	NP	NaN	21	2.435	1.656	unknown	ShapiroWilk
Bromomethane (ug/L)	MW-605	n/a	n/a	n/a	NP	NaN	15	2.453	1.498	unknown	ShapiroWilk
Bromomethane (ug/L)	MW-604	n/a	n/a	n/a	NP	NaN	15	2.52	1.591	unknown	ShapiroWilk
Carbon disulfide (ug/L)	MW-102A	n/a	n/a	n/a	NP	NaN	22	0.6841	0.3375	unknown	ShapiroWilk
Carbon disulfide (ug/L)	OW-301A	n/a	n/a	n/a	NP	NaN	19	0.6947	0.305	unknown	ShapiroWilk
Carbon disulfide (ug/L)	MW-201A	n/a	n/a	n/a	NP	NaN	24	0.7104	0.3346	unknown	ShapiroWilk
Carbon disulfide (ug/L)	MW-103A	n/a	n/a	n/a	NP	NaN	24	0.7104	0.3346	unknown	ShapiroWilk
Carbon disulfide (ug/L)	MW-114AR	n/a	n/a	n/a	NP	NaN	22	0.658	0.3341	unknown	ShapiroWilk
Carbon disulfide (ug/L)	MW-120AR (bg)	n/a	n/a	n/a	NP	NaN	24	0.7104	0.3346	unknown	ShapiroWilk

Outlier Analysis

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 12:59 PM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Carbon disulfide (ug/L)	P-105B	n/a	n/a	n/a	NP	NaN	22	0.6841	0.3375	unknown	ShapiroWilk
Carbon disulfide (ug/L)	P-108B	n/a	n/a	n/a	NP	NaN	22	0.6841	0.3375	unknown	ShapiroWilk
Carbon disulfide (ug/L)	MW-403A	n/a	n/a	n/a	NP	NaN	22	0.6841	0.3375	unknown	ShapiroWilk
Carbon disulfide (ug/L)	P-114BR	n/a	n/a	n/a	NP	NaN	22	0.6841	0.3375	unknown	ShapiroWilk
Carbon disulfide (ug/L)	MW-204A	n/a	n/a	n/a	NP	NaN	24	0.7104	0.3346	unknown	ShapiroWilk
Carbon disulfide (ug/L)	P-120B (bg)	n/a	n/a	n/a	NP	NaN	22	0.6841	0.3375	unknown	ShapiroWilk
Carbon disulfide (ug/L)	MW-137A	n/a	n/a	n/a	NP	NaN	23	0.6739	0.3333	unknown	ShapiroWilk
Carbon disulfide (ug/L)	MW-202A	n/a	n/a	n/a	NP	NaN	24	0.7104	0.3346	unknown	ShapiroWilk
Carbon disulfide (ug/L)	MW-401A	n/a	n/a	n/a	NP	NaN	23	0.6978	0.3362	unknown	ShapiroWilk
Carbon disulfide (ug/L)	MW-402A	n/a	n/a	n/a	NP	NaN	22	0.6496	0.3424	unknown	ShapiroWilk
Carbon disulfide (ug/L)	OW-306AR	n/a	n/a	n/a	NP	NaN	15	0.7067	0.284	unknown	ShapiroWilk
Carbon disulfide (ug/L)	MW-109ARR	n/a	n/a	n/a	NP	NaN	22	0.6841	0.3375	unknown	ShapiroWilk
Carbon disulfide (ug/L)	MW-502A	n/a	n/a	n/a	NP	NaN	21	0.75	0.3025	unknown	ShapiroWilk
Carbon disulfide (ug/L)	MW-404A	n/a	n/a	n/a	NP	NaN	22	0.6841	0.3375	unknown	ShapiroWilk
Carbon disulfide (ug/L)	P-504B (bg)	n/a	n/a	n/a	NP	NaN	15	0.5951	0.3119	unknown	ShapiroWilk
Carbon disulfide (ug/L)	P-503B (bg)	n/a	n/a	n/a	NP	NaN	20	0.7256	0.3208	unknown	ShapiroWilk
Carbon disulfide (ug/L)	MW-108AR	n/a	n/a	n/a	NP	NaN	19	0.7211	0.3497	unknown	ShapiroWilk
Carbon disulfide (ug/L)	MW-505A (bg)	n/a	n/a	n/a	NP	NaN	18	0.6832	0.301	unknown	ShapiroWilk
Carbon disulfide (ug/L)	MW-501A	n/a	n/a	n/a	NP	NaN	21	0.7905	0.2737	unknown	ShapiroWilk
Carbon disulfide (ug/L)	MW-605	n/a	n/a	n/a	NP	NaN	15	0.7067	0.284	unknown	ShapiroWilk
Carbon disulfide (ug/L)	MW-604	n/a	n/a	n/a	NP	NaN	15	0.7067	0.284	unknown	ShapiroWilk
Carbon Tetrachloride (ug/L)	MW-102A	n/a	n/a	n/a	NP	NaN	22	1.269	0.7597	unknown	ShapiroWilk
Carbon Tetrachloride (ug/L)	OW-301A	n/a	n/a	n/a	NP	NaN	19	1.339	0.7217	unknown	ShapiroWilk
Carbon Tetrachloride (ug/L)	MW-201A	n/a	n/a	n/a	NP	NaN	24	1.33	0.7547	unknown	ShapiroWilk
Carbon Tetrachloride (ug/L)	MW-103A	n/a	n/a	n/a	NP	NaN	24	1.33	0.7547	unknown	ShapiroWilk
Carbon Tetrachloride (ug/L)	MW-114AR	n/a	n/a	n/a	NP	NaN	22	1.269	0.7597	unknown	ShapiroWilk
Carbon Tetrachloride (ug/L)	MW-120AR (bg)	n/a	n/a	n/a	NP	NaN	24	1.33	0.7547	unknown	ShapiroWilk
Carbon Tetrachloride (ug/L)	P-105B	n/a	n/a	n/a	NP	NaN	22	1.269	0.7597	unknown	ShapiroWilk
Carbon Tetrachloride (ug/L)	P-108B	n/a	n/a	n/a	NP	NaN	22	1.269	0.7597	unknown	ShapiroWilk
Carbon Tetrachloride (ug/L)	MW-403A	n/a	n/a	n/a	NP	NaN	22	1.269	0.7597	unknown	ShapiroWilk
Carbon Tetrachloride (ug/L)	P-114BR	n/a	n/a	n/a	NP	NaN	22	1.269	0.7597	unknown	ShapiroWilk
Carbon Tetrachloride (ug/L)	MW-204A	n/a	n/a	n/a	NP	NaN	24	1.33	0.7547	unknown	ShapiroWilk
Carbon Tetrachloride (ug/L)	P-120B (bg)	n/a	n/a	n/a	NP	NaN	22	1.269	0.7597	unknown	ShapiroWilk
Carbon Tetrachloride (ug/L)	MW-137A	n/a	n/a	n/a	NP	NaN	23	1.242	0.7534	unknown	ShapiroWilk
Carbon Tetrachloride (ug/L)	MW-202A	n/a	n/a	n/a	NP	NaN	24	1.33	0.7547	unknown	ShapiroWilk
Carbon Tetrachloride (ug/L)	MW-401A	n/a	n/a	n/a	NP	NaN	23	1.301	0.7577	unknown	ShapiroWilk
Carbon Tetrachloride (ug/L)	MW-402A	n/a	n/a	n/a	NP	NaN	22	1.269	0.7597	unknown	ShapiroWilk
Carbon Tetrachloride (ug/L)	OW-306AR	n/a	n/a	n/a	NP	NaN	15	1.28	0.6971	unknown	ShapiroWilk
Carbon Tetrachloride (ug/L)	MW-109ARR	n/a	n/a	n/a	NP	NaN	22	1.269	0.7597	unknown	ShapiroWilk
Carbon Tetrachloride (ug/L)	MW-502A	n/a	n/a	n/a	NP	NaN	21	1.402	0.7129	unknown	ShapiroWilk
Carbon Tetrachloride (ug/L)	MW-404A	n/a	n/a	n/a	NP	NaN	22	1.269	0.7597	unknown	ShapiroWilk
Carbon Tetrachloride (ug/L)	P-504B (bg)	n/a	n/a	n/a	NP	NaN	15	1.163	0.7152	unknown	ShapiroWilk
Carbon Tetrachloride (ug/L)	P-503B (bg)	n/a	n/a	n/a	NP	NaN	20	1.439	0.7098	unknown	ShapiroWilk
Carbon Tetrachloride (ug/L)	MW-108AR	n/a	n/a	n/a	NP	NaN	19	1.367	0.7742	unknown	ShapiroWilk
Carbon Tetrachloride (ug/L)	MW-505A (bg)	n/a	n/a	n/a	NP	NaN	18	1.302	0.7241	unknown	ShapiroWilk
Carbon Tetrachloride (ug/L)	MW-501A	n/a	n/a	n/a	NP	NaN	21	1.486	0.6718	unknown	ShapiroWilk
Carbon Tetrachloride (ug/L)	MW-605	n/a	n/a	n/a	NP	NaN	15	1.28	0.6971	unknown	ShapiroWilk
Carbon Tetrachloride (ug/L)	MW-604	n/a	n/a	n/a	NP	NaN	15	1.28	0.6971	unknown	ShapiroWilk
Chlorobenzene (ug/L)	MW-102A	n/a	n/a	n/a	NP	NaN	22	0.6714	0.3431	unknown	ShapiroWilk
Chlorobenzene (ug/L)	OW-301A	n/a	n/a	n/a	NP	NaN	19	0.7047	0.3232	unknown	ShapiroWilk

Outlier Analysis

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 12:59 PM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Chlorobenzene (ug/L)	MW-201A	n/a	n/a	n/a	NP	NaN	24	0.6988	0.3407	unknown	ShapiroWilk
Chlorobenzene (ug/L)	MW-103A	n/a	n/a	n/a	NP	NaN	24	0.6988	0.3407	unknown	ShapiroWilk
Chlorobenzene (ug/L)	MW-114AR	n/a	n/a	n/a	NP	NaN	22	0.6714	0.3431	unknown	ShapiroWilk
Chlorobenzene (ug/L)	MW-120AR (bg)	n/a	n/a	n/a	NP	NaN	24	0.6988	0.3407	unknown	ShapiroWilk
Chlorobenzene (ug/L)	P-105B	n/a	n/a	n/a	NP	NaN	22	0.6714	0.3431	unknown	ShapiroWilk
Chlorobenzene (ug/L)	P-108B	n/a	n/a	n/a	NP	NaN	22	0.6714	0.3431	unknown	ShapiroWilk
Chlorobenzene (ug/L)	MW-403A	n/a	n/a	n/a	NP	NaN	22	0.6714	0.3431	unknown	ShapiroWilk
Chlorobenzene (ug/L)	P-114BR	n/a	n/a	n/a	NP	NaN	22	0.6714	0.3431	unknown	ShapiroWilk
Chlorobenzene (ug/L)	MW-204A	n/a	n/a	n/a	NP	NaN	24	0.6988	0.3407	unknown	ShapiroWilk
Chlorobenzene (ug/L)	P-120B (bg)	n/a	n/a	n/a	NP	NaN	22	0.6714	0.3431	unknown	ShapiroWilk
Chlorobenzene (ug/L)	MW-137A	n/a	n/a	n/a	NP	NaN	23	0.6596	0.34	unknown	ShapiroWilk
Chlorobenzene (ug/L)	MW-202A	n/a	n/a	n/a	NP	NaN	24	0.6988	0.3407	unknown	ShapiroWilk
Chlorobenzene (ug/L)	MW-401A	n/a	n/a	n/a	NP	NaN	23	0.6857	0.3422	unknown	ShapiroWilk
Chlorobenzene (ug/L)	MW-402A	n/a	n/a	n/a	NP	NaN	22	0.6714	0.3431	unknown	ShapiroWilk
Chlorobenzene (ug/L)	OW-306AR	n/a	n/a	n/a	NP	NaN	15	0.68	0.3098	unknown	ShapiroWilk
Chlorobenzene (ug/L)	MW-109ARR	n/a	n/a	n/a	NP	NaN	22	0.6714	0.3431	unknown	ShapiroWilk
Chlorobenzene (ug/L)	MW-502A	n/a	n/a	n/a	NP	NaN	21	0.7329	0.3192	unknown	ShapiroWilk
Chlorobenzene (ug/L)	MW-404A	n/a	n/a	n/a	NP	NaN	22	0.6714	0.3431	unknown	ShapiroWilk
Chlorobenzene (ug/L)	P-504B (bg)	n/a	n/a	n/a	NP	NaN	15	0.626	0.3205	unknown	ShapiroWilk
Chlorobenzene (ug/L)	P-503B (bg)	n/a	n/a	n/a	NP	NaN	20	0.7495	0.318	unknown	ShapiroWilk
Chlorobenzene (ug/L)	MW-108AR	n/a	n/a	n/a	NP	NaN	19	0.7142	0.3509	unknown	ShapiroWilk
Chlorobenzene (ug/L)	MW-505A (bg)	n/a	n/a	n/a	NP	NaN	18	0.6883	0.3243	unknown	ShapiroWilk
Chlorobenzene (ug/L)	MW-501A	n/a	n/a	n/a	NP	NaN	21	0.7714	0.2986	unknown	ShapiroWilk
Chlorobenzene (ug/L)	MW-605	n/a	n/a	n/a	NP	NaN	15	0.68	0.3098	unknown	ShapiroWilk
Chlorobenzene (ug/L)	MW-604	n/a	n/a	n/a	NP	NaN	15	0.68	0.3098	unknown	ShapiroWilk
Chloroform (ug/L)	MW-102A	n/a	n/a	n/a	NP	NaN	22	1.556	0.9628	unknown	ShapiroWilk
Chloroform (ug/L)	OW-301A	n/a	n/a	n/a	NP	NaN	19	1.72	0.9246	unknown	ShapiroWilk
Chloroform (ug/L)	MW-201A	n/a	n/a	n/a	NP	NaN	24	1.677	1.006	unknown	ShapiroWilk
Chloroform (ug/L)	MW-103A	n/a	n/a	n/a	NP	NaN	24	1.677	1.006	unknown	ShapiroWilk
Chloroform (ug/L)	MW-114AR	n/a	n/a	n/a	NP	NaN	22	1.556	0.9628	unknown	ShapiroWilk
Chloroform (ug/L)	MW-120AR (bg)	n/a	n/a	n/a	NP	NaN	24	1.677	1.006	unknown	ShapiroWilk
Chloroform (ug/L)	P-105B	n/a	n/a	n/a	NP	NaN	22	1.556	0.9628	unknown	ShapiroWilk
Chloroform (ug/L)	P-108B	n/a	n/a	n/a	NP	NaN	22	1.556	0.9628	unknown	ShapiroWilk
Chloroform (ug/L)	MW-403A	n/a	n/a	n/a	NP	NaN	22	1.556	0.9628	unknown	ShapiroWilk
Chloroform (ug/L)	P-114BR	n/a	n/a	n/a	NP	NaN	22	1.556	0.9628	unknown	ShapiroWilk
Chloroform (ug/L)	MW-204A	n/a	n/a	n/a	NP	NaN	24	1.677	1.006	unknown	ShapiroWilk
Chloroform (ug/L)	P-120B (bg)	n/a	n/a	n/a	NP	NaN	22	1.556	0.9628	unknown	ShapiroWilk
Chloroform (ug/L)	MW-137A	n/a	n/a	n/a	NP	NaN	23	1.545	0.9421	unknown	ShapiroWilk
Chloroform (ug/L)	MW-202A	n/a	n/a	n/a	NP	NaN	24	1.677	1.006	unknown	ShapiroWilk
Chloroform (ug/L)	MW-401A	n/a	n/a	n/a	NP	NaN	23	1.619	0.9876	unknown	ShapiroWilk
Chloroform (ug/L)	MW-402A	n/a	n/a	n/a	NP	NaN	22	1.556	0.9628	unknown	ShapiroWilk
Chloroform (ug/L)	OW-306AR	n/a	n/a	n/a	NP	NaN	15	2.093	0.8779	unknown	ShapiroWilk
Chloroform (ug/L)	MW-109ARR	n/a	n/a	n/a	NP	NaN	22	1.556	0.9628	unknown	ShapiroWilk
Chloroform (ug/L)	MW-502A	n/a	n/a	n/a	NP	NaN	21	1.651	0.9035	unknown	ShapiroWilk
Chloroform (ug/L)	MW-404A	n/a	n/a	n/a	NP	NaN	22	1.556	0.9628	unknown	ShapiroWilk
Chloroform (ug/L)	P-504B (bg)	n/a	n/a	n/a	NP	NaN	15	1.379	0.7115	unknown	ShapiroWilk
Chloroform (ug/L)	P-503B (bg)	n/a	n/a	n/a	NP	NaN	20	1.669	0.9233	unknown	ShapiroWilk
Chloroform (ug/L)	MW-108AR	n/a	n/a	n/a	NP	NaN	19	1.597	1.034	unknown	ShapiroWilk
Chloroform (ug/L)	MW-505A (bg)	n/a	n/a	n/a	NP	NaN	18	1.649	0.8964	unknown	ShapiroWilk
Chloroform (ug/L)	MW-501A	n/a	n/a	n/a	NP	NaN	21	1.686	0.8616	unknown	ShapiroWilk

Outlier Analysis

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 12:59 PM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Chloroform (ug/L)	MW-605	n/a	n/a	n/a	NP	NaN	15	2.093	0.8779	unknown	ShapiroWilk
Chloroform (ug/L)	MW-604	n/a	n/a	n/a	NP	NaN	15	2.093	0.8779	unknown	ShapiroWilk
Chloromethane (ug/L)	MW-102A	n/a	n/a	n/a	NP	NaN	22	1.646	1.269	unknown	ShapiroWilk
Chloromethane (ug/L)	OW-301A	n/a	n/a	n/a	NP	NaN	19	1.717	1.253	unknown	ShapiroWilk
Chloromethane (ug/L)	MW-201A	n/a	n/a	n/a	NP	NaN	24	1.776	1.256	unknown	ShapiroWilk
Chloromethane (ug/L)	MW-103A	n/a	n/a	n/a	NP	NaN	24	1.757	1.274	unknown	ShapiroWilk
Chloromethane (ug/L)	MW-114AR	n/a	n/a	n/a	NP	NaN	22	1.642	1.273	unknown	ShapiroWilk
Chloromethane (ug/L)	MW-120AR (bg)	n/a	n/a	n/a	NP	NaN	24	1.867	1.261	unknown	ShapiroWilk
Chloromethane (ug/L)	P-105B	n/a	n/a	n/a	NP	NaN	22	1.644	1.271	unknown	ShapiroWilk
Chloromethane (ug/L)	P-108B	n/a	n/a	n/a	NP	NaN	22	1.764	1.269	unknown	ShapiroWilk
Chloromethane (ug/L)	MW-403A	n/a	n/a	n/a	NP	NaN	22	1.654	1.263	unknown	ShapiroWilk
Chloromethane (ug/L)	P-114BR	n/a	n/a	n/a	NP	NaN	22	1.643	1.272	unknown	ShapiroWilk
Chloromethane (ug/L)	MW-204A	n/a	n/a	n/a	NP	NaN	24	1.757	1.273	unknown	ShapiroWilk
Chloromethane (ug/L)	P-120B (bg)	n/a	n/a	n/a	NP	NaN	22	1.652	1.263	unknown	ShapiroWilk
Chloromethane (ug/L)	MW-137A	n/a	n/a	n/a	NP	NaN	23	1.599	1.261	unknown	ShapiroWilk
Chloromethane (ug/L)	MW-202A	n/a	n/a	n/a	NP	NaN	24	1.867	1.261	unknown	ShapiroWilk
Chloromethane (ug/L)	MW-401A	n/a	n/a	n/a	NP	NaN	23	1.711	1.266	unknown	ShapiroWilk
Chloromethane (ug/L)	MW-402A	n/a	n/a	n/a	NP	NaN	22	1.646	1.269	unknown	ShapiroWilk
Chloromethane (ug/L)	OW-306AR	n/a	n/a	n/a	NP	NaN	15	1.725	1.234	unknown	ShapiroWilk
Chloromethane (ug/L)	MW-109ARR	n/a	n/a	n/a	NP	NaN	22	1.646	1.269	unknown	ShapiroWilk
Chloromethane (ug/L)	MW-502A	n/a	n/a	n/a	NP	NaN	21	1.835	1.255	unknown	ShapiroWilk
Chloromethane (ug/L)	MW-404A	n/a	n/a	n/a	NP	NaN	22	1.764	1.269	unknown	ShapiroWilk
Chloromethane (ug/L)	P-504B (bg)	n/a	n/a	n/a	NP	NaN	15	1.373	1.194	unknown	ShapiroWilk
Chloromethane (ug/L)	P-503B (bg)	n/a	n/a	n/a	NP	NaN	20	2.029	1.222	unknown	ShapiroWilk
Chloromethane (ug/L)	MW-108AR	n/a	n/a	n/a	NP	NaN	19	1.946	1.273	unknown	ShapiroWilk
Chloromethane (ug/L)	MW-505A (bg)	n/a	n/a	n/a	NP	NaN	18	1.788	1.249	unknown	ShapiroWilk
Chloromethane (ug/L)	MW-501A	n/a	n/a	n/a	NP	NaN	21	1.966	1.224	unknown	ShapiroWilk
Chloromethane (ug/L)	MW-605	n/a	n/a	n/a	NP	NaN	15	1.725	1.234	unknown	ShapiroWilk
Chloromethane (ug/L)	MW-604	n/a	n/a	n/a	NP	NaN	15	1.725	1.234	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	MW-102A	No	n/a	n/a	NP	NaN	22	0.3355	0.1662	ln(x)	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	OW-301A	n/a	n/a	n/a	NP	NaN	19	0.4985	0.3474	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	MW-201A	No	n/a	n/a	NP	NaN	24	1.203	0.3749	sqrt(x)	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	MW-103A	n/a	n/a	n/a	NP	NaN	24	0.6279	0.4139	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	MW-114AR	n/a	n/a	n/a	NP	NaN	22	0.5941	0.4163	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	MW-120AR (bg)	n/a	n/a	n/a	NP	NaN	24	0.6279	0.4139	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	P-105B	n/a	n/a	n/a	NP	NaN	22	0.5941	0.4163	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	P-108B	n/a	n/a	n/a	NP	NaN	22	0.5941	0.4163	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	MW-403A	n/a	n/a	n/a	NP	NaN	22	0.5941	0.4163	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	P-114BR	n/a	n/a	n/a	NP	NaN	22	0.5941	0.4163	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	MW-204A	n/a	n/a	n/a	NP	NaN	24	0.6279	0.4139	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	P-120B (bg)	n/a	n/a	n/a	NP	NaN	22	0.5941	0.4163	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	MW-137A	n/a	n/a	n/a	NP	NaN	23	0.5774	0.4145	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	MW-202A	n/a	n/a	n/a	NP	NaN	24	0.6279	0.4139	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	MW-401A	No	n/a	n/a	NP	NaN	25	1.143	1.055	ln(x)	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	MW-402A	n/a	n/a	n/a	NP	NaN	22	0.5941	0.4163	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	OW-306AR	n/a	n/a	n/a	NP	NaN	15	0.5787	0.408	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	MW-109ARR	n/a	n/a	n/a	NP	NaN	22	0.5941	0.4163	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	MW-502A	n/a	n/a	n/a	NP	NaN	21	0.6576	0.4055	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	MW-404A	n/a	n/a	n/a	NP	NaN	22	0.5941	0.4163	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	P-504B (bg)	n/a	n/a	n/a	NP	NaN	15	0.5207	0.4056	unknown	ShapiroWilk

Outlier Analysis

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 12:59 PM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
cis-1,2-Dichloroethene (ug/L)	P-503B (bg)	n/a	n/a	n/a	NP	NaN	20	0.68	0.4025	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	MW-108AR	n/a	n/a	n/a	NP	NaN	19	0.6547	0.4168	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	MW-505A (bg)	n/a	n/a	n/a	NP	NaN	18	0.6006	0.4114	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	MW-501A	n/a	n/a	n/a	NP	NaN	21	0.699	0.3931	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	MW-605	n/a	n/a	n/a	NP	NaN	15	0.5787	0.408	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	MW-604	n/a	n/a	n/a	NP	NaN	15	0.5787	0.408	unknown	ShapiroWilk
cis-1,3-Dichloropropene (ug/L)	MW-102A	n/a	n/a	n/a	NP	NaN	22	2.611	2.445	unknown	ShapiroWilk
cis-1,3-Dichloropropene (ug/L)	OW-301A	n/a	n/a	n/a	NP	NaN	19	2.745	2.442	unknown	ShapiroWilk
cis-1,3-Dichloropropene (ug/L)	MW-201A	n/a	n/a	n/a	NP	NaN	24	2.81	2.432	unknown	ShapiroWilk
cis-1,3-Dichloropropene (ug/L)	MW-103A	n/a	n/a	n/a	NP	NaN	24	2.81	2.432	unknown	ShapiroWilk
cis-1,3-Dichloropropene (ug/L)	MW-114AR	n/a	n/a	n/a	NP	NaN	22	2.611	2.445	unknown	ShapiroWilk
cis-1,3-Dichloropropene (ug/L)	MW-120AR (bg)	n/a	n/a	n/a	NP	NaN	24	2.81	2.432	unknown	ShapiroWilk
cis-1,3-Dichloropropene (ug/L)	P-105B	n/a	n/a	n/a	NP	NaN	22	2.611	2.445	unknown	ShapiroWilk
cis-1,3-Dichloropropene (ug/L)	P-108B	n/a	n/a	n/a	NP	NaN	22	2.611	2.445	unknown	ShapiroWilk
cis-1,3-Dichloropropene (ug/L)	MW-403A	n/a	n/a	n/a	NP	NaN	22	2.611	2.445	unknown	ShapiroWilk
cis-1,3-Dichloropropene (ug/L)	P-114BR	n/a	n/a	n/a	NP	NaN	22	2.611	2.445	unknown	ShapiroWilk
cis-1,3-Dichloropropene (ug/L)	MW-204A	n/a	n/a	n/a	NP	NaN	24	2.81	2.432	unknown	ShapiroWilk
cis-1,3-Dichloropropene (ug/L)	P-120B (bg)	n/a	n/a	n/a	NP	NaN	22	2.611	2.445	unknown	ShapiroWilk
cis-1,3-Dichloropropene (ug/L)	MW-137A	n/a	n/a	n/a	NP	NaN	23	2.509	2.439	unknown	ShapiroWilk
cis-1,3-Dichloropropene (ug/L)	MW-202A	n/a	n/a	n/a	NP	NaN	24	2.81	2.432	unknown	ShapiroWilk
cis-1,3-Dichloropropene (ug/L)	MW-401A	n/a	n/a	n/a	NP	NaN	23	2.715	2.44	unknown	ShapiroWilk
cis-1,3-Dichloropropene (ug/L)	MW-402A	n/a	n/a	n/a	NP	NaN	22	2.611	2.445	unknown	ShapiroWilk
cis-1,3-Dichloropropene (ug/L)	OW-306AR	n/a	n/a	n/a	NP	NaN	15	2.467	2.453	unknown	ShapiroWilk
cis-1,3-Dichloropropene (ug/L)	MW-109ARR	n/a	n/a	n/a	NP	NaN	22	2.611	2.445	unknown	ShapiroWilk
cis-1,3-Dichloropropene (ug/L)	MW-502A	n/a	n/a	n/a	NP	NaN	21	2.96	2.414	unknown	ShapiroWilk
cis-1,3-Dichloropropene (ug/L)	MW-404A	n/a	n/a	n/a	NP	NaN	22	2.611	2.445	unknown	ShapiroWilk
cis-1,3-Dichloropropene (ug/L)	P-504B (bg)	n/a	n/a	n/a	NP	NaN	15	2.143	2.414	unknown	ShapiroWilk
cis-1,3-Dichloropropene (ug/L)	P-503B (bg)	n/a	n/a	n/a	NP	NaN	20	3.095	2.394	unknown	ShapiroWilk
cis-1,3-Dichloropropene (ug/L)	MW-108AR	n/a	n/a	n/a	NP	NaN	19	2.984	2.429	unknown	ShapiroWilk
cis-1,3-Dichloropropene (ug/L)	MW-505A (bg)	n/a	n/a	n/a	NP	NaN	18	2.619	2.45	unknown	ShapiroWilk
cis-1,3-Dichloropropene (ug/L)	MW-501A	n/a	n/a	n/a	NP	NaN	21	3.19	2.364	unknown	ShapiroWilk
cis-1,3-Dichloropropene (ug/L)	MW-605	n/a	n/a	n/a	NP	NaN	15	2.467	2.453	unknown	ShapiroWilk
cis-1,3-Dichloropropene (ug/L)	MW-604	n/a	n/a	n/a	NP	NaN	15	2.467	2.453	unknown	ShapiroWilk
Dibromomethane (ug/L)	MW-102A	n/a	n/a	n/a	NP	NaN	22	0.6445	0.367	unknown	ShapiroWilk
Dibromomethane (ug/L)	OW-301A	n/a	n/a	n/a	NP	NaN	19	0.6747	0.3538	unknown	ShapiroWilk
Dibromomethane (ug/L)	MW-201A	n/a	n/a	n/a	NP	NaN	24	0.6742	0.3648	unknown	ShapiroWilk
Dibromomethane (ug/L)	MW-103A	n/a	n/a	n/a	NP	NaN	24	0.6742	0.3648	unknown	ShapiroWilk
Dibromomethane (ug/L)	MW-114AR	n/a	n/a	n/a	NP	NaN	22	0.6445	0.367	unknown	ShapiroWilk
Dibromomethane (ug/L)	MW-120AR (bg)	n/a	n/a	n/a	NP	NaN	24	0.6742	0.3648	unknown	ShapiroWilk
Dibromomethane (ug/L)	P-105B	n/a	n/a	n/a	NP	NaN	22	0.6445	0.367	unknown	ShapiroWilk
Dibromomethane (ug/L)	P-108B	n/a	n/a	n/a	NP	NaN	22	0.6445	0.367	unknown	ShapiroWilk
Dibromomethane (ug/L)	MW-403A	n/a	n/a	n/a	NP	NaN	22	0.6445	0.367	unknown	ShapiroWilk
Dibromomethane (ug/L)	P-114BR	n/a	n/a	n/a	NP	NaN	22	0.6445	0.367	unknown	ShapiroWilk
Dibromomethane (ug/L)	MW-204A	n/a	n/a	n/a	NP	NaN	24	0.6742	0.3648	unknown	ShapiroWilk
Dibromomethane (ug/L)	P-120B (bg)	n/a	n/a	n/a	NP	NaN	22	0.6445	0.367	unknown	ShapiroWilk
Dibromomethane (ug/L)	MW-137A	n/a	n/a	n/a	NP	NaN	23	0.6309	0.3645	unknown	ShapiroWilk
Dibromomethane (ug/L)	MW-202A	n/a	n/a	n/a	NP	NaN	24	0.6742	0.3648	unknown	ShapiroWilk
Dibromomethane (ug/L)	MW-401A	n/a	n/a	n/a	NP	NaN	23	0.66	0.3662	unknown	ShapiroWilk
Dibromomethane (ug/L)	MW-402A	n/a	n/a	n/a	NP	NaN	22	0.6445	0.367	unknown	ShapiroWilk
Dibromomethane (ug/L)	OW-306AR	n/a	n/a	n/a	NP	NaN	15	0.6427	0.346	unknown	ShapiroWilk

Outlier Analysis

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 12:59 PM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Dibromomethane (ug/L)	MW-109ARR	n/a	n/a	n/a	NP	NaN	22	0.6445	0.367	unknown	ShapiroWilk
Dibromomethane (ug/L)	MW-502A	n/a	n/a	n/a	NP	NaN	21	0.7057	0.3496	unknown	ShapiroWilk
Dibromomethane (ug/L)	MW-404A	n/a	n/a	n/a	NP	NaN	22	0.6445	0.367	unknown	ShapiroWilk
Dibromomethane (ug/L)	P-504B (bg)	n/a	n/a	n/a	NP	NaN	15	0.588	0.3502	unknown	ShapiroWilk
Dibromomethane (ug/L)	P-503B (bg)	n/a	n/a	n/a	NP	NaN	20	0.7245	0.3477	unknown	ShapiroWilk
Dibromomethane (ug/L)	MW-108AR	n/a	n/a	n/a	NP	NaN	19	0.6942	0.3716	unknown	ShapiroWilk
Dibromomethane (ug/L)	MW-505A (bg)	n/a	n/a	n/a	NP	NaN	18	0.6567	0.3549	unknown	ShapiroWilk
Dibromomethane (ug/L)	MW-501A	n/a	n/a	n/a	NP	NaN	21	0.7448	0.3334	unknown	ShapiroWilk
Dibromomethane (ug/L)	MW-605	n/a	n/a	n/a	NP	NaN	15	0.6427	0.346	unknown	ShapiroWilk
Dibromomethane (ug/L)	MW-604	n/a	n/a	n/a	NP	NaN	15	0.6427	0.346	unknown	ShapiroWilk
Dichloromethane (ug/L)	MW-102A	No	n/a	n/a	NP	NaN	18	2.494	2.124	x^(1/3)	ShapiroWilk
Dichloromethane (ug/L)	OW-301A	No	n/a	n/a	NP	NaN	15	2.94	2.046	x^(1/3)	ShapiroWilk
Dichloromethane (ug/L)	MW-201A	No	n/a	n/a	NP	NaN	20	2.497	2.159	ln(x)	ShapiroWilk
Dichloromethane (ug/L)	MW-103A	No	n/a	n/a	NP	NaN	20	2.749	2.147	x^(1/3)	ShapiroWilk
Dichloromethane (ug/L)	MW-114AR	No	n/a	n/a	NP	NaN	18	2.734	2.149	x^(1/3)	ShapiroWilk
Dichloromethane (ug/L)	MW-120AR (bg)	No	n/a	n/a	NP	NaN	20	2.95	2.161	x^(1/3)	ShapiroWilk
Dichloromethane (ug/L)	P-105B	No	n/a	n/a	NP	NaN	18	2.445	2.169	ln(x)	ShapiroWilk
Dichloromethane (ug/L)	P-108B	No	n/a	n/a	NP	NaN	18	2.714	2.171	x^(1/3)	ShapiroWilk
Dichloromethane (ug/L)	MW-403A	No	n/a	n/a	NP	NaN	18	2.477	2.137	ln(x)	ShapiroWilk
Dichloromethane (ug/L)	P-114BR	No	n/a	n/a	NP	NaN	18	2.466	2.146	ln(x)	ShapiroWilk
Dichloromethane (ug/L)	MW-204A	No	n/a	n/a	NP	NaN	20	2.935	2.178	x^(1/3)	ShapiroWilk
Dichloromethane (ug/L)	P-120B (bg)	No	n/a	n/a	NP	NaN	18	2.711	2.175	x^(1/3)	ShapiroWilk
Dichloromethane (ug/L)	MW-137A	No	n/a	n/a	NP	NaN	19	2.428	2.091	ln(x)	ShapiroWilk
Dichloromethane (ug/L)	MW-202A	No	n/a	n/a	NP	NaN	20	2.699	2.196	ln(x)	ShapiroWilk
Dichloromethane (ug/L)	MW-401A	No	n/a	n/a	NP	NaN	19	2.599	2.166	ln(x)	ShapiroWilk
Dichloromethane (ug/L)	MW-402A	No	n/a	n/a	NP	NaN	18	2.478	2.136	ln(x)	ShapiroWilk
Dichloromethane (ug/L)	OW-306AR	n/a	n/a	n/a	NP	NaN	11	3.8	1.665	unknown	ShapiroWilk
Dichloromethane (ug/L)	MW-109ARR	No	n/a	n/a	NP	NaN	18	2.465	2.152	ln(x)	ShapiroWilk
Dichloromethane (ug/L)	MW-502A	No	n/a	n/a	NP	NaN	17	3.173	2.048	x^(1/3)	ShapiroWilk
Dichloromethane (ug/L)	MW-404A	No	n/a	n/a	NP	NaN	18	2.454	2.159	ln(x)	ShapiroWilk
Dichloromethane (ug/L)	P-504B (bg)	No	n/a	n/a	NP	NaN	11	2.579	1.985	x^(1/3)	ShapiroWilk
Dichloromethane (ug/L)	P-503B (bg)	No	n/a	n/a	NP	NaN	17	2.836	2.17	x^(1/3)	ShapiroWilk
Dichloromethane (ug/L)	MW-108AR	No	n/a	n/a	NP	NaN	16	2.55	2.278	ln(x)	ShapiroWilk
Dichloromethane (ug/L)	MW-505A (bg)	No	n/a	n/a	NP	NaN	14	3.036	2.106	sqrt(x)	ShapiroWilk
Dichloromethane (ug/L)	MW-501A	No	n/a	n/a	NP	NaN	17	2.912	2.082	x^(1/3)	ShapiroWilk
Dichloromethane (ug/L)	MW-605	n/a	n/a	n/a	NP	NaN	11	3.8	1.665	unknown	ShapiroWilk
Dichloromethane (ug/L)	MW-604	n/a	n/a	n/a	NP	NaN	11	3.8	1.665	unknown	ShapiroWilk
Ethylbenzene (ug/L)	MW-102A	n/a	n/a	n/a	NP	NaN	22	0.6415	0.3684	unknown	ShapiroWilk
Ethylbenzene (ug/L)	OW-301A	n/a	n/a	n/a	NP	NaN	19	0.6679	0.3603	unknown	ShapiroWilk
Ethylbenzene (ug/L)	MW-201A	n/a	n/a	n/a	NP	NaN	24	0.6712	0.3664	unknown	ShapiroWilk
Ethylbenzene (ug/L)	MW-103A	n/a	n/a	n/a	NP	NaN	24	0.6712	0.3664	unknown	ShapiroWilk
Ethylbenzene (ug/L)	MW-114AR	n/a	n/a	n/a	NP	NaN	22	0.6414	0.3685	unknown	ShapiroWilk
Ethylbenzene (ug/L)	MW-120AR (bg)	n/a	n/a	n/a	NP	NaN	24	0.6712	0.3664	unknown	ShapiroWilk
Ethylbenzene (ug/L)	P-105B	n/a	n/a	n/a	NP	NaN	22	0.6414	0.3685	unknown	ShapiroWilk
Ethylbenzene (ug/L)	P-108B	n/a	n/a	n/a	NP	NaN	22	0.6414	0.3685	unknown	ShapiroWilk
Ethylbenzene (ug/L)	MW-403A	n/a	n/a	n/a	NP	NaN	22	0.6474	0.3639	unknown	ShapiroWilk
Ethylbenzene (ug/L)	P-114BR	n/a	n/a	n/a	NP	NaN	22	0.6414	0.3685	unknown	ShapiroWilk
Ethylbenzene (ug/L)	MW-204A	n/a	n/a	n/a	NP	NaN	24	0.6712	0.3664	unknown	ShapiroWilk
Ethylbenzene (ug/L)	P-120B (bg)	n/a	n/a	n/a	NP	NaN	22	0.6414	0.3685	unknown	ShapiroWilk
Ethylbenzene (ug/L)	MW-137A	n/a	n/a	n/a	NP	NaN	23	0.6342	0.3617	unknown	ShapiroWilk

Outlier Analysis

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 12:59 PM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Ethylbenzene (ug/L)	MW-202A	n/a	n/a	n/a	NP	NaN	24	0.6712	0.3664	unknown	ShapiroWilk
Ethylbenzene (ug/L)	MW-401A	n/a	n/a	n/a	NP	NaN	23	0.657	0.3677	unknown	ShapiroWilk
Ethylbenzene (ug/L)	MW-402A	n/a	n/a	n/a	NP	NaN	22	0.6428	0.3672	unknown	ShapiroWilk
Ethylbenzene (ug/L)	OW-306AR	n/a	n/a	n/a	NP	NaN	15	0.632	0.3563	unknown	ShapiroWilk
Ethylbenzene (ug/L)	MW-109ARR	n/a	n/a	n/a	NP	NaN	22	0.6414	0.3685	unknown	ShapiroWilk
Ethylbenzene (ug/L)	MW-502A	n/a	n/a	n/a	NP	NaN	21	0.6995	0.3562	unknown	ShapiroWilk
Ethylbenzene (ug/L)	MW-404A	n/a	n/a	n/a	NP	NaN	22	0.6414	0.3685	unknown	ShapiroWilk
Ethylbenzene (ug/L)	P-504B (bg)	n/a	n/a	n/a	NP	NaN	15	0.5793	0.3564	unknown	ShapiroWilk
Ethylbenzene (ug/L)	P-503B (bg)	n/a	n/a	n/a	NP	NaN	20	0.719	0.3537	unknown	ShapiroWilk
Ethylbenzene (ug/L)	MW-108AR	n/a	n/a	n/a	NP	NaN	19	0.6937	0.3704	unknown	ShapiroWilk
Ethylbenzene (ug/L)	MW-505A (bg)	n/a	n/a	n/a	NP	NaN	18	0.6494	0.3614	unknown	ShapiroWilk
Ethylbenzene (ug/L)	MW-501A	n/a	n/a	n/a	NP	NaN	21	0.7371	0.3434	unknown	ShapiroWilk
Ethylbenzene (ug/L)	MW-605	n/a	n/a	n/a	NP	NaN	15	0.632	0.3563	unknown	ShapiroWilk
Ethylbenzene (ug/L)	MW-604	n/a	n/a	n/a	NP	NaN	15	0.632	0.3563	unknown	ShapiroWilk
Iodomethane (ug/L)	MW-102A	n/a	n/a	n/a	NP	NaN	22	7.655	3.124	unknown	ShapiroWilk
Iodomethane (ug/L)	OW-301A	n/a	n/a	n/a	NP	NaN	19	8.253	2.341	unknown	ShapiroWilk
Iodomethane (ug/L)	MW-201A	n/a	n/a	n/a	NP	NaN	24	7.85	3.057	unknown	ShapiroWilk
Iodomethane (ug/L)	MW-103A	n/a	n/a	n/a	NP	NaN	24	7.85	3.057	unknown	ShapiroWilk
Iodomethane (ug/L)	MW-114AR	n/a	n/a	n/a	NP	NaN	22	7.655	3.124	unknown	ShapiroWilk
Iodomethane (ug/L)	MW-120AR (bg)	n/a	n/a	n/a	NP	NaN	24	7.85	3.057	unknown	ShapiroWilk
Iodomethane (ug/L)	P-105B	n/a	n/a	n/a	NP	NaN	22	7.655	3.124	unknown	ShapiroWilk
Iodomethane (ug/L)	P-108B	n/a	n/a	n/a	NP	NaN	22	7.655	3.124	unknown	ShapiroWilk
Iodomethane (ug/L)	MW-403A	n/a	n/a	n/a	NP	NaN	22	7.655	3.124	unknown	ShapiroWilk
Iodomethane (ug/L)	P-114BR	n/a	n/a	n/a	NP	NaN	22	7.655	3.124	unknown	ShapiroWilk
Iodomethane (ug/L)	MW-204A	n/a	n/a	n/a	NP	NaN	24	7.85	3.057	unknown	ShapiroWilk
Iodomethane (ug/L)	P-120B (bg)	n/a	n/a	n/a	NP	NaN	22	7.655	3.124	unknown	ShapiroWilk
Iodomethane (ug/L)	MW-137A	n/a	n/a	n/a	NP	NaN	23	7.626	3.055	unknown	ShapiroWilk
Iodomethane (ug/L)	MW-202A	n/a	n/a	n/a	NP	NaN	24	7.85	3.057	unknown	ShapiroWilk
Iodomethane (ug/L)	MW-401A	n/a	n/a	n/a	NP	NaN	23	7.757	3.091	unknown	ShapiroWilk
Iodomethane (ug/L)	MW-402A	n/a	n/a	n/a	NP	NaN	22	7.655	3.124	unknown	ShapiroWilk
Iodomethane (ug/L)	OW-306AR	n/a	n/a	n/a	NP	NaN	15	8.4	1.549	unknown	ShapiroWilk
Iodomethane (ug/L)	MW-109ARR	n/a	n/a	n/a	NP	NaN	22	7.655	3.124	unknown	ShapiroWilk
Iodomethane (ug/L)	MW-502A	n/a	n/a	n/a	NP	NaN	21	8.419	2.282	unknown	ShapiroWilk
Iodomethane (ug/L)	MW-404A	n/a	n/a	n/a	NP	NaN	22	7.655	3.124	unknown	ShapiroWilk
Iodomethane (ug/L)	P-504B (bg)	n/a	n/a	n/a	NP	NaN	15	7.787	2.437	unknown	ShapiroWilk
Iodomethane (ug/L)	P-503B (bg)	n/a	n/a	n/a	NP	NaN	20	8.49	2.317	unknown	ShapiroWilk
Iodomethane (ug/L)	MW-108AR	n/a	n/a	n/a	NP	NaN	19	7.758	3.362	unknown	ShapiroWilk
Iodomethane (ug/L)	MW-505A (bg)	n/a	n/a	n/a	NP	NaN	18	8.156	2.369	unknown	ShapiroWilk
Iodomethane (ug/L)	MW-501A	n/a	n/a	n/a	NP	NaN	21	8.857	1.493	unknown	ShapiroWilk
Iodomethane (ug/L)	MW-605	n/a	n/a	n/a	NP	NaN	15	8.4	1.549	unknown	ShapiroWilk
Iodomethane (ug/L)	MW-604	n/a	n/a	n/a	NP	NaN	15	8.4	1.549	unknown	ShapiroWilk
Methylene chloride (ug/L)	MW-102A	n/a	n/a	n/a	NP	NaN	4	1.7	0	unknown	ShapiroWilk
Methylene chloride (ug/L)	OW-301A	n/a	n/a	n/a	NP	NaN	4	1.7	0	unknown	ShapiroWilk
Methylene chloride (ug/L)	MW-201A	n/a	n/a	n/a	NP	NaN	4	1.7	0	unknown	ShapiroWilk
Methylene chloride (ug/L)	MW-103A	n/a	n/a	n/a	NP	NaN	4	1.7	0	unknown	ShapiroWilk
Methylene chloride (ug/L)	MW-114AR	n/a	n/a	n/a	NP	NaN	4	1.7	0	unknown	ShapiroWilk
Methylene chloride (ug/L)	MW-120AR (bg)	n/a	n/a	n/a	NP	NaN	4	1.7	0	unknown	ShapiroWilk
Methylene chloride (ug/L)	P-105B	n/a	n/a	n/a	NP	NaN	4	1.7	0	unknown	ShapiroWilk
Methylene chloride (ug/L)	P-108B	n/a	n/a	n/a	NP	NaN	4	1.7	0	unknown	ShapiroWilk
Methylene chloride (ug/L)	MW-403A	n/a	n/a	n/a	NP	NaN	4	1.7	0	unknown	ShapiroWilk

Outlier Analysis

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 12:59 PM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Methylene chloride (ug/L)	P-114BR	n/a	n/a	n/a	NP	NaN	4	1.7	0	unknown	ShapiroWilk
Methylene chloride (ug/L)	MW-204A	n/a	n/a	n/a	NP	NaN	4	1.7	0	unknown	ShapiroWilk
Methylene chloride (ug/L)	P-120B (bg)	n/a	n/a	n/a	NP	NaN	4	1.7	0	unknown	ShapiroWilk
Methylene chloride (ug/L)	MW-137A	n/a	n/a	n/a	NP	NaN	4	1.7	0	unknown	ShapiroWilk
Methylene chloride (ug/L)	MW-202A	n/a	n/a	n/a	NP	NaN	4	1.7	0	unknown	ShapiroWilk
Methylene chloride (ug/L)	MW-401A	n/a	n/a	n/a	NP	NaN	4	1.7	0	unknown	ShapiroWilk
Methylene chloride (ug/L)	MW-402A	n/a	n/a	n/a	NP	NaN	4	1.7	0	unknown	ShapiroWilk
Methylene chloride (ug/L)	OW-306AR	n/a	n/a	n/a	NP	NaN	4	1.7	0	unknown	ShapiroWilk
Methylene chloride (ug/L)	MW-109ARR	n/a	n/a	n/a	NP	NaN	4	1.7	0	unknown	ShapiroWilk
Methylene chloride (ug/L)	MW-502A	n/a	n/a	n/a	NP	NaN	4	1.7	0	unknown	ShapiroWilk
Methylene chloride (ug/L)	MW-404A	n/a	n/a	n/a	NP	NaN	4	1.7	0	unknown	ShapiroWilk
Methylene chloride (ug/L)	P-504B (bg)	n/a	n/a	n/a	NP	NaN	4	1.7	0	unknown	ShapiroWilk
Methylene chloride (ug/L)	MW-505A (bg)	n/a	n/a	n/a	NP	NaN	4	1.7	0	unknown	ShapiroWilk
Methylene chloride (ug/L)	MW-501A	n/a	n/a	n/a	NP	NaN	4	1.7	0	unknown	ShapiroWilk
Methylene chloride (ug/L)	MW-605	n/a	n/a	n/a	NP	NaN	4	1.7	0	unknown	ShapiroWilk
Methylene chloride (ug/L)	MW-604	n/a	n/a	n/a	NP	NaN	4	1.7	0	unknown	ShapiroWilk
Styrene (ug/L)	MW-102A	n/a	n/a	n/a	NP	NaN	22	0.6482	0.3705	unknown	ShapiroWilk
Styrene (ug/L)	OW-301A	n/a	n/a	n/a	NP	NaN	19	0.6874	0.3438	unknown	ShapiroWilk
Styrene (ug/L)	MW-201A	n/a	n/a	n/a	NP	NaN	24	0.6775	0.3677	unknown	ShapiroWilk
Styrene (ug/L)	MW-103A	n/a	n/a	n/a	NP	NaN	24	0.6775	0.3677	unknown	ShapiroWilk
Styrene (ug/L)	MW-114AR	n/a	n/a	n/a	NP	NaN	22	0.6482	0.3705	unknown	ShapiroWilk
Styrene (ug/L)	MW-120AR (bg)	n/a	n/a	n/a	NP	NaN	24	0.6775	0.3677	unknown	ShapiroWilk
Styrene (ug/L)	P-105B	n/a	n/a	n/a	NP	NaN	22	0.6482	0.3705	unknown	ShapiroWilk
Styrene (ug/L)	P-108B	n/a	n/a	n/a	NP	NaN	22	0.6482	0.3705	unknown	ShapiroWilk
Styrene (ug/L)	MW-403A	n/a	n/a	n/a	NP	NaN	22	0.6482	0.3705	unknown	ShapiroWilk
Styrene (ug/L)	P-114BR	n/a	n/a	n/a	NP	NaN	22	0.6482	0.3705	unknown	ShapiroWilk
Styrene (ug/L)	MW-204A	n/a	n/a	n/a	NP	NaN	24	0.6775	0.3677	unknown	ShapiroWilk
Styrene (ug/L)	P-120B (bg)	n/a	n/a	n/a	NP	NaN	22	0.6482	0.3705	unknown	ShapiroWilk
Styrene (ug/L)	MW-137A	n/a	n/a	n/a	NP	NaN	23	0.6361	0.3666	unknown	ShapiroWilk
Styrene (ug/L)	MW-202A	n/a	n/a	n/a	NP	NaN	24	0.6775	0.3677	unknown	ShapiroWilk
Styrene (ug/L)	MW-401A	n/a	n/a	n/a	NP	NaN	23	0.6635	0.3693	unknown	ShapiroWilk
Styrene (ug/L)	MW-402A	n/a	n/a	n/a	NP	NaN	22	0.6482	0.3705	unknown	ShapiroWilk
Styrene (ug/L)	OW-306AR	n/a	n/a	n/a	NP	NaN	15	0.664	0.3253	unknown	ShapiroWilk
Styrene (ug/L)	MW-109ARR	n/a	n/a	n/a	NP	NaN	22	0.6482	0.3705	unknown	ShapiroWilk
Styrene (ug/L)	MW-502A	n/a	n/a	n/a	NP	NaN	21	0.7171	0.3395	unknown	ShapiroWilk
Styrene (ug/L)	MW-404A	n/a	n/a	n/a	NP	NaN	22	0.6482	0.3705	unknown	ShapiroWilk
Styrene (ug/L)	P-504B (bg)	n/a	n/a	n/a	NP	NaN	15	0.604	0.3415	unknown	ShapiroWilk
Styrene (ug/L)	P-503B (bg)	n/a	n/a	n/a	NP	NaN	20	0.7345	0.3386	unknown	ShapiroWilk
Styrene (ug/L)	MW-108AR	n/a	n/a	n/a	NP	NaN	19	0.6921	0.381	unknown	ShapiroWilk
Styrene (ug/L)	MW-505A (bg)	n/a	n/a	n/a	NP	NaN	18	0.67	0.3451	unknown	ShapiroWilk
Styrene (ug/L)	MW-501A	n/a	n/a	n/a	NP	NaN	21	0.76	0.3135	unknown	ShapiroWilk
Styrene (ug/L)	MW-605	n/a	n/a	n/a	NP	NaN	15	0.664	0.3253	unknown	ShapiroWilk
Styrene (ug/L)	MW-604	n/a	n/a	n/a	NP	NaN	15	0.664	0.3253	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	MW-102A	n/a	n/a	n/a	NP	NaN	22	0.6991	0.3228	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	OW-301A	n/a	n/a	n/a	NP	NaN	18	0.7233	0.2928	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	MW-201A	n/a	n/a	n/a	NP	NaN	24	0.7242	0.3199	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	MW-103A	n/a	n/a	n/a	NP	NaN	24	0.7242	0.3199	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	MW-114AR	n/a	n/a	n/a	NP	NaN	22	0.6991	0.3228	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	MW-120AR (bg)	n/a	n/a	n/a	NP	NaN	24	0.7242	0.3199	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	P-105B	n/a	n/a	n/a	NP	NaN	22	0.6991	0.3228	unknown	ShapiroWilk

Outlier Analysis

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 12:59 PM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Tetrachloroethene (ug/L)	P-108B	n/a	n/a	n/a	NP	NaN	22	0.6991	0.3228	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	MW-403A	n/a	n/a	n/a	NP	NaN	22	0.6991	0.3228	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	P-114BR	n/a	n/a	n/a	NP	NaN	22	0.6991	0.3228	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	MW-204A	n/a	n/a	n/a	NP	NaN	24	0.7242	0.3199	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	P-120B (bg)	n/a	n/a	n/a	NP	NaN	22	0.6991	0.3228	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	MW-137A	n/a	n/a	n/a	NP	NaN	23	0.6896	0.3187	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	MW-202A	n/a	n/a	n/a	NP	NaN	24	0.7242	0.3199	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	MW-401A	n/a	n/a	n/a	NP	NaN	23	0.7122	0.3216	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	MW-402A	n/a	n/a	n/a	NP	NaN	22	0.6991	0.3228	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	OW-306AR	n/a	n/a	n/a	NP	NaN	15	0.7227	0.2685	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	MW-109ARR	n/a	n/a	n/a	NP	NaN	22	0.6991	0.3228	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	MW-502A	n/a	n/a	n/a	NP	NaN	21	0.7629	0.2876	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	MW-404A	n/a	n/a	n/a	NP	NaN	22	0.6991	0.3228	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	P-504B (bg)	n/a	n/a	n/a	NP	NaN	15	0.668	0.2906	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	P-503B (bg)	n/a	n/a	n/a	NP	NaN	20	0.777	0.2875	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	MW-108AR	n/a	n/a	n/a	NP	NaN	19	0.7337	0.3351	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	MW-505A (bg)	n/a	n/a	n/a	NP	NaN	18	0.7233	0.2928	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	MW-501A	n/a	n/a	n/a	NP	NaN	21	0.8019	0.2588	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	MW-605	n/a	n/a	n/a	NP	NaN	15	0.7227	0.2685	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	MW-604	n/a	n/a	n/a	NP	NaN	15	0.7227	0.2685	unknown	ShapiroWilk
Toluene (ug/L)	MW-102A	n/a	n/a	n/a	NP	NaN	22	0.6895	0.3384	unknown	ShapiroWilk
Toluene (ug/L)	OW-301A	n/a	n/a	n/a	NP	NaN	18	0.6994	0.3158	unknown	ShapiroWilk
Toluene (ug/L)	MW-201A	n/a	n/a	n/a	NP	NaN	24	0.7111	0.3358	unknown	ShapiroWilk
Toluene (ug/L)	MW-103A	n/a	n/a	n/a	NP	NaN	24	0.7146	0.3351	unknown	ShapiroWilk
Toluene (ug/L)	MW-114AR	n/a	n/a	n/a	NP	NaN	22	0.6768	0.3429	unknown	ShapiroWilk
Toluene (ug/L)	MW-120AR (bg)	n/a	n/a	n/a	NP	NaN	24	0.7104	0.3302	unknown	ShapiroWilk
Toluene (ug/L)	P-105B	n/a	n/a	n/a	NP	NaN	22	0.6768	0.3429	unknown	ShapiroWilk
Toluene (ug/L)	P-108B	n/a	n/a	n/a	NP	NaN	22	0.6768	0.3429	unknown	ShapiroWilk
Toluene (ug/L)	MW-403A	n/a	n/a	n/a	NP	NaN	23	0.707	0.3648	unknown	ShapiroWilk
Toluene (ug/L)	P-114BR	n/a	n/a	n/a	NP	NaN	22	0.6517	0.3383	unknown	ShapiroWilk
Toluene (ug/L)	MW-204A	n/a	n/a	n/a	NP	NaN	24	0.6684	0.3519	unknown	ShapiroWilk
Toluene (ug/L)	P-120B (bg)	n/a	n/a	n/a	NP	NaN	22	0.6768	0.3429	unknown	ShapiroWilk
Toluene (ug/L)	MW-137A	n/a	n/a	n/a	NP	NaN	23	0.6461	0.3318	unknown	ShapiroWilk
Toluene (ug/L)	MW-202A	n/a	n/a	n/a	NP	NaN	24	0.7038	0.3401	unknown	ShapiroWilk
Toluene (ug/L)	MW-401A	n/a	n/a	n/a	NP	NaN	24	0.7198	0.3357	unknown	ShapiroWilk
Toluene (ug/L)	MW-402A	n/a	n/a	n/a	NP	NaN	23	0.6917	0.3426	unknown	ShapiroWilk
Toluene (ug/L)	OW-306AR	n/a	n/a	n/a	NP	NaN	15	0.696	0.2943	unknown	ShapiroWilk
Toluene (ug/L)	MW-109ARR	n/a	n/a	n/a	NP	NaN	22	0.6768	0.3429	unknown	ShapiroWilk
Toluene (ug/L)	MW-502A	n/a	n/a	n/a	NP	NaN	21	0.7424	0.3105	unknown	ShapiroWilk
Toluene (ug/L)	MW-404A	n/a	n/a	n/a	NP	NaN	22	0.6768	0.3429	unknown	ShapiroWilk
Toluene (ug/L)	P-504B (bg)	n/a	n/a	n/a	NP	NaN	15	0.6393	0.3129	unknown	ShapiroWilk
Toluene (ug/L)	P-503B (bg)	n/a	n/a	n/a	NP	NaN	20	0.758	0.31	unknown	ShapiroWilk
Toluene (ug/L)	MW-108AR	n/a	n/a	n/a	NP	NaN	19	0.7158	0.3541	unknown	ShapiroWilk
Toluene (ug/L)	MW-505A (bg)	n/a	n/a	n/a	NP	NaN	18	0.6994	0.3158	unknown	ShapiroWilk
Toluene (ug/L)	MW-501A	n/a	n/a	n/a	NP	NaN	21	0.7829	0.2836	unknown	ShapiroWilk
Toluene (ug/L)	MW-605	n/a	n/a	n/a	NP	NaN	15	0.696	0.2943	unknown	ShapiroWilk
Toluene (ug/L)	MW-604	n/a	n/a	n/a	NP	NaN	15	0.696	0.2943	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	MW-102A	n/a	n/a	n/a	NP	NaN	22	0.6268	0.3825	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	OW-301A	n/a	n/a	n/a	NP	NaN	19	0.6511	0.3781	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	MW-201A	n/a	n/a	n/a	NP	NaN	24	0.6095	0.3681	unknown	ShapiroWilk

Outlier Analysis

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 12:59 PM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
trans-1,2-Dichloroethene (ug/L)	MW-103A	n/a	n/a	n/a	NP	NaN	24	0.6579	0.3803	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	MW-114AR	n/a	n/a	n/a	NP	NaN	22	0.6268	0.3825	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	MW-120AR (bg)	n/a	n/a	n/a	NP	NaN	24	0.6579	0.3803	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	P-105B	n/a	n/a	n/a	NP	NaN	22	0.6268	0.3825	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	P-108B	n/a	n/a	n/a	NP	NaN	22	0.6268	0.3825	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	MW-403A	n/a	n/a	n/a	NP	NaN	22	0.6268	0.3825	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	P-114BR	n/a	n/a	n/a	NP	NaN	22	0.6268	0.3825	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	MW-204A	n/a	n/a	n/a	NP	NaN	24	0.6579	0.3803	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	P-120B (bg)	n/a	n/a	n/a	NP	NaN	22	0.6268	0.3825	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	MW-137A	n/a	n/a	n/a	NP	NaN	23	0.6113	0.381	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	MW-202A	n/a	n/a	n/a	NP	NaN	24	0.6579	0.3803	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	MW-401A	n/a	n/a	n/a	NP	NaN	23	0.6164	0.377	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	MW-402A	n/a	n/a	n/a	NP	NaN	22	0.6268	0.3825	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	OW-306AR	n/a	n/a	n/a	NP	NaN	15	0.6107	0.377	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	MW-109ARR	n/a	n/a	n/a	NP	NaN	22	0.6268	0.3825	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	MW-502A	n/a	n/a	n/a	NP	NaN	21	0.6843	0.3738	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	MW-404A	n/a	n/a	n/a	NP	NaN	22	0.6268	0.3825	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	P-504B (bg)	n/a	n/a	n/a	NP	NaN	15	0.558	0.3739	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	P-503B (bg)	n/a	n/a	n/a	NP	NaN	20	0.705	0.3709	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	MW-108AR	n/a	n/a	n/a	NP	NaN	19	0.6832	0.3822	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	MW-505A (bg)	n/a	n/a	n/a	NP	NaN	18	0.6317	0.3793	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	MW-501A	n/a	n/a	n/a	NP	NaN	21	0.7219	0.3633	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	MW-605	n/a	n/a	n/a	NP	NaN	15	0.6107	0.377	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	MW-604	n/a	n/a	n/a	NP	NaN	15	0.6107	0.377	unknown	ShapiroWilk
trans-1,3-Dichloropropene (ug/L)	MW-102A	n/a	n/a	n/a	NP	NaN	22	2.734	2.322	unknown	ShapiroWilk
trans-1,3-Dichloropropene (ug/L)	OW-301A	n/a	n/a	n/a	NP	NaN	19	2.879	2.298	unknown	ShapiroWilk
trans-1,3-Dichloropropene (ug/L)	MW-201A	n/a	n/a	n/a	NP	NaN	24	2.923	2.309	unknown	ShapiroWilk
trans-1,3-Dichloropropene (ug/L)	MW-103A	n/a	n/a	n/a	NP	NaN	24	2.923	2.309	unknown	ShapiroWilk
trans-1,3-Dichloropropene (ug/L)	MW-114AR	n/a	n/a	n/a	NP	NaN	22	2.734	2.322	unknown	ShapiroWilk
trans-1,3-Dichloropropene (ug/L)	MW-120AR (bg)	n/a	n/a	n/a	NP	NaN	24	2.923	2.309	unknown	ShapiroWilk
trans-1,3-Dichloropropene (ug/L)	P-105B	n/a	n/a	n/a	NP	NaN	22	2.734	2.322	unknown	ShapiroWilk
trans-1,3-Dichloropropene (ug/L)	P-108B	n/a	n/a	n/a	NP	NaN	22	2.734	2.322	unknown	ShapiroWilk
trans-1,3-Dichloropropene (ug/L)	MW-403A	n/a	n/a	n/a	NP	NaN	22	2.734	2.322	unknown	ShapiroWilk
trans-1,3-Dichloropropene (ug/L)	P-114BR	n/a	n/a	n/a	NP	NaN	22	2.734	2.322	unknown	ShapiroWilk
trans-1,3-Dichloropropene (ug/L)	MW-204A	n/a	n/a	n/a	NP	NaN	24	2.923	2.309	unknown	ShapiroWilk
trans-1,3-Dichloropropene (ug/L)	P-120B (bg)	n/a	n/a	n/a	NP	NaN	22	2.734	2.322	unknown	ShapiroWilk
trans-1,3-Dichloropropene (ug/L)	MW-137A	n/a	n/a	n/a	NP	NaN	23	2.639	2.314	unknown	ShapiroWilk
trans-1,3-Dichloropropene (ug/L)	MW-202A	n/a	n/a	n/a	NP	NaN	24	2.923	2.309	unknown	ShapiroWilk
trans-1,3-Dichloropropene (ug/L)	MW-401A	n/a	n/a	n/a	NP	NaN	23	2.832	2.318	unknown	ShapiroWilk
trans-1,3-Dichloropropene (ug/L)	MW-402A	n/a	n/a	n/a	NP	NaN	22	2.734	2.322	unknown	ShapiroWilk
trans-1,3-Dichloropropene (ug/L)	OW-306AR	n/a	n/a	n/a	NP	NaN	15	2.632	2.293	unknown	ShapiroWilk
trans-1,3-Dichloropropene (ug/L)	MW-109ARR	n/a	n/a	n/a	NP	NaN	22	2.734	2.322	unknown	ShapiroWilk
trans-1,3-Dichloropropene (ug/L)	MW-502A	n/a	n/a	n/a	NP	NaN	21	3.081	2.272	unknown	ShapiroWilk
trans-1,3-Dichloropropene (ug/L)	MW-404A	n/a	n/a	n/a	NP	NaN	22	2.734	2.322	unknown	ShapiroWilk
trans-1,3-Dichloropropene (ug/L)	P-504B (bg)	n/a	n/a	n/a	NP	NaN	15	2.313	2.272	unknown	ShapiroWilk
trans-1,3-Dichloropropene (ug/L)	P-503B (bg)	n/a	n/a	n/a	NP	NaN	20	3.207	2.254	unknown	ShapiroWilk
trans-1,3-Dichloropropene (ug/L)	MW-108AR	n/a	n/a	n/a	NP	NaN	19	3.077	2.319	unknown	ShapiroWilk
trans-1,3-Dichloropropene (ug/L)	MW-505A (bg)	n/a	n/a	n/a	NP	NaN	18	2.761	2.305	unknown	ShapiroWilk
trans-1,3-Dichloropropene (ug/L)	MW-501A	n/a	n/a	n/a	NP	NaN	21	3.309	2.209	unknown	ShapiroWilk
trans-1,3-Dichloropropene (ug/L)	MW-605	n/a	n/a	n/a	NP	NaN	15	2.632	2.293	unknown	ShapiroWilk

Outlier Analysis

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 12:59 PM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
trans-1,3-Dichloropropene (ug/L)	MW-604	n/a	n/a	n/a	NP	NaN	15	2.632	2.293	unknown	ShapiroWilk
trans-1,4-Dichloro-2-butene (ug/L)	MW-102A	n/a	n/a	n/a	NP	NaN	22	5.418	4.701	unknown	ShapiroWilk
trans-1,4-Dichloro-2-butene (ug/L)	OW-301A	n/a	n/a	n/a	NP	NaN	19	5.733	4.626	unknown	ShapiroWilk
trans-1,4-Dichloro-2-butene (ug/L)	MW-201A	n/a	n/a	n/a	NP	NaN	24	5.8	4.674	unknown	ShapiroWilk
trans-1,4-Dichloro-2-butene (ug/L)	MW-103A	n/a	n/a	n/a	NP	NaN	24	5.8	4.674	unknown	ShapiroWilk
trans-1,4-Dichloro-2-butene (ug/L)	MW-114AR	n/a	n/a	n/a	NP	NaN	22	5.418	4.701	unknown	ShapiroWilk
trans-1,4-Dichloro-2-butene (ug/L)	MW-120AR (bg)	n/a	n/a	n/a	NP	NaN	24	5.8	4.674	unknown	ShapiroWilk
trans-1,4-Dichloro-2-butene (ug/L)	P-105B	n/a	n/a	n/a	NP	NaN	22	5.418	4.701	unknown	ShapiroWilk
trans-1,4-Dichloro-2-butene (ug/L)	P-108B	n/a	n/a	n/a	NP	NaN	22	5.418	4.701	unknown	ShapiroWilk
trans-1,4-Dichloro-2-butene (ug/L)	MW-403A	n/a	n/a	n/a	NP	NaN	22	5.418	4.701	unknown	ShapiroWilk
trans-1,4-Dichloro-2-butene (ug/L)	P-114BR	n/a	n/a	n/a	NP	NaN	22	5.418	4.701	unknown	ShapiroWilk
trans-1,4-Dichloro-2-butene (ug/L)	MW-204A	n/a	n/a	n/a	NP	NaN	24	5.8	4.674	unknown	ShapiroWilk
trans-1,4-Dichloro-2-butene (ug/L)	P-120B (bg)	n/a	n/a	n/a	NP	NaN	22	5.418	4.701	unknown	ShapiroWilk
trans-1,4-Dichloro-2-butene (ug/L)	MW-137A	n/a	n/a	n/a	NP	NaN	23	5.23	4.68	unknown	ShapiroWilk
trans-1,4-Dichloro-2-butene (ug/L)	MW-202A	n/a	n/a	n/a	NP	NaN	24	5.8	4.674	unknown	ShapiroWilk
trans-1,4-Dichloro-2-butene (ug/L)	MW-401A	n/a	n/a	n/a	NP	NaN	23	5.617	4.691	unknown	ShapiroWilk
trans-1,4-Dichloro-2-butene (ug/L)	MW-402A	n/a	n/a	n/a	NP	NaN	22	5.418	4.701	unknown	ShapiroWilk
trans-1,4-Dichloro-2-butene (ug/L)	OW-306AR	n/a	n/a	n/a	NP	NaN	15	5.253	4.596	unknown	ShapiroWilk
trans-1,4-Dichloro-2-butene (ug/L)	MW-109ARR	n/a	n/a	n/a	NP	NaN	22	5.418	4.701	unknown	ShapiroWilk
trans-1,4-Dichloro-2-butene (ug/L)	MW-502A	n/a	n/a	n/a	NP	NaN	21	6.14	4.572	unknown	ShapiroWilk
trans-1,4-Dichloro-2-butene (ug/L)	MW-404A	n/a	n/a	n/a	NP	NaN	22	5.418	4.701	unknown	ShapiroWilk
trans-1,4-Dichloro-2-butene (ug/L)	P-504B (bg)	n/a	n/a	n/a	NP	NaN	15	4.595	4.574	unknown	ShapiroWilk
trans-1,4-Dichloro-2-butene (ug/L)	P-503B (bg)	n/a	n/a	n/a	NP	NaN	20	6.392	4.539	unknown	ShapiroWilk
trans-1,4-Dichloro-2-butene (ug/L)	MW-108AR	n/a	n/a	n/a	NP	NaN	19	6.099	4.71	unknown	ShapiroWilk
trans-1,4-Dichloro-2-butene (ug/L)	MW-505A (bg)	n/a	n/a	n/a	NP	NaN	18	5.496	4.64	unknown	ShapiroWilk
trans-1,4-Dichloro-2-butene (ug/L)	MW-501A	n/a	n/a	n/a	NP	NaN	21	6.61	4.429	unknown	ShapiroWilk
trans-1,4-Dichloro-2-butene (ug/L)	MW-605	n/a	n/a	n/a	NP	NaN	15	5.253	4.596	unknown	ShapiroWilk
trans-1,4-Dichloro-2-butene (ug/L)	MW-604	n/a	n/a	n/a	NP	NaN	15	5.253	4.596	unknown	ShapiroWilk
Trichloroethene (ug/L)	MW-102A	n/a	n/a	n/a	NP	NaN	22	0.6875	0.327	unknown	ShapiroWilk
Trichloroethene (ug/L)	OW-301A	n/a	n/a	n/a	NP	NaN	18	0.7017	0.3118	unknown	ShapiroWilk
Trichloroethene (ug/L)	MW-201A	n/a	n/a	n/a	NP	NaN	24	0.6805	0.3348	unknown	ShapiroWilk
Trichloroethene (ug/L)	MW-103A	n/a	n/a	n/a	NP	NaN	24	0.7088	0.3318	unknown	ShapiroWilk
Trichloroethene (ug/L)	MW-114AR	n/a	n/a	n/a	NP	NaN	22	0.6823	0.3343	unknown	ShapiroWilk
Trichloroethene (ug/L)	MW-120AR (bg)	n/a	n/a	n/a	NP	NaN	24	0.7088	0.3318	unknown	ShapiroWilk
Trichloroethene (ug/L)	P-105B	n/a	n/a	n/a	NP	NaN	22	0.6576	0.3297	unknown	ShapiroWilk
Trichloroethene (ug/L)	P-108B	n/a	n/a	n/a	NP	NaN	22	0.6827	0.3337	unknown	ShapiroWilk
Trichloroethene (ug/L)	MW-403A	n/a	n/a	n/a	NP	NaN	22	0.6823	0.3343	unknown	ShapiroWilk
Trichloroethene (ug/L)	P-114BR	n/a	n/a	n/a	NP	NaN	22	0.6823	0.3343	unknown	ShapiroWilk
Trichloroethene (ug/L)	MW-204A	n/a	n/a	n/a	NP	NaN	24	0.7088	0.3318	unknown	ShapiroWilk
Trichloroethene (ug/L)	P-120B (bg)	n/a	n/a	n/a	NP	NaN	22	0.6823	0.3343	unknown	ShapiroWilk
Trichloroethene (ug/L)	MW-137A	n/a	n/a	n/a	NP	NaN	23	0.6713	0.3308	unknown	ShapiroWilk
Trichloroethene (ug/L)	MW-202A	n/a	n/a	n/a	NP	NaN	24	0.7088	0.3318	unknown	ShapiroWilk
Trichloroethene (ug/L)	MW-401A	n/a	n/a	n/a	NP	NaN	23	0.6634	0.3336	unknown	ShapiroWilk
Trichloroethene (ug/L)	MW-402A	n/a	n/a	n/a	NP	NaN	22	0.6843	0.3312	unknown	ShapiroWilk
Trichloroethene (ug/L)	OW-306AR	n/a	n/a	n/a	NP	NaN	15	0.696	0.2943	unknown	ShapiroWilk
Trichloroethene (ug/L)	MW-109ARR	n/a	n/a	n/a	NP	NaN	22	0.6823	0.3343	unknown	ShapiroWilk
Trichloroethene (ug/L)	MW-502A	n/a	n/a	n/a	NP	NaN	21	0.7443	0.3068	unknown	ShapiroWilk
Trichloroethene (ug/L)	MW-404A	n/a	n/a	n/a	NP	NaN	22	0.6823	0.3343	unknown	ShapiroWilk
Trichloroethene (ug/L)	P-504B (bg)	n/a	n/a	n/a	NP	NaN	15	0.642	0.3085	unknown	ShapiroWilk
Trichloroethene (ug/L)	P-503B (bg)	n/a	n/a	n/a	NP	NaN	20	0.76	0.3059	unknown	ShapiroWilk

Outlier Analysis

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 12:59 PM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Trichloroethene (ug/L)	MW-108AR	n/a	n/a	n/a	NP	NaN	19	0.7221	0.3436	unknown	ShapiroWilk
Trichloroethene (ug/L)	MW-505A (bg)	n/a	n/a	n/a	NP	NaN	18	0.7017	0.3118	unknown	ShapiroWilk
Trichloroethene (ug/L)	MW-501A	n/a	n/a	n/a	NP	NaN	21	0.7829	0.2836	unknown	ShapiroWilk
Trichloroethene (ug/L)	MW-605	n/a	n/a	n/a	NP	NaN	15	0.696	0.2943	unknown	ShapiroWilk
Trichloroethene (ug/L)	MW-604	n/a	n/a	n/a	NP	NaN	15	0.696	0.2943	unknown	ShapiroWilk
Vinyl Acetate (ug/L)	MW-102A	n/a	n/a	n/a	NP	NaN	22	6.01	4.123	unknown	ShapiroWilk
Vinyl Acetate (ug/L)	OW-301A	n/a	n/a	n/a	NP	NaN	18	6.152	3.98	unknown	ShapiroWilk
Vinyl Acetate (ug/L)	MW-201A	n/a	n/a	n/a	NP	NaN	24	6.343	4.098	unknown	ShapiroWilk
Vinyl Acetate (ug/L)	MW-103A	n/a	n/a	n/a	NP	NaN	24	6.343	4.098	unknown	ShapiroWilk
Vinyl Acetate (ug/L)	MW-114AR	n/a	n/a	n/a	NP	NaN	22	6.01	4.123	unknown	ShapiroWilk
Vinyl Acetate (ug/L)	MW-120AR (bg)	n/a	n/a	n/a	NP	NaN	24	6.343	4.098	unknown	ShapiroWilk
Vinyl Acetate (ug/L)	P-105B	n/a	n/a	n/a	NP	NaN	22	6.01	4.123	unknown	ShapiroWilk
Vinyl Acetate (ug/L)	P-108B	n/a	n/a	n/a	NP	NaN	22	6.01	4.123	unknown	ShapiroWilk
Vinyl Acetate (ug/L)	MW-403A	n/a	n/a	n/a	NP	NaN	22	6.01	4.123	unknown	ShapiroWilk
Vinyl Acetate (ug/L)	P-114BR	n/a	n/a	n/a	NP	NaN	22	6.01	4.123	unknown	ShapiroWilk
Vinyl Acetate (ug/L)	MW-204A	n/a	n/a	n/a	NP	NaN	24	6.343	4.098	unknown	ShapiroWilk
Vinyl Acetate (ug/L)	P-120B (bg)	n/a	n/a	n/a	NP	NaN	22	6.01	4.123	unknown	ShapiroWilk
Vinyl Acetate (ug/L)	MW-137A	n/a	n/a	n/a	NP	NaN	23	5.857	4.094	unknown	ShapiroWilk
Vinyl Acetate (ug/L)	MW-202A	n/a	n/a	n/a	NP	NaN	24	6.343	4.098	unknown	ShapiroWilk
Vinyl Acetate (ug/L)	MW-401A	n/a	n/a	n/a	NP	NaN	23	6.183	4.113	unknown	ShapiroWilk
Vinyl Acetate (ug/L)	MW-402A	n/a	n/a	n/a	NP	NaN	22	6.01	4.123	unknown	ShapiroWilk
Vinyl Acetate (ug/L)	OW-306AR	n/a	n/a	n/a	NP	NaN	15	6	3.873	unknown	ShapiroWilk
Vinyl Acetate (ug/L)	MW-109ARR	n/a	n/a	n/a	NP	NaN	22	6.01	4.123	unknown	ShapiroWilk
Vinyl Acetate (ug/L)	MW-502A	n/a	n/a	n/a	NP	NaN	21	6.702	3.92	unknown	ShapiroWilk
Vinyl Acetate (ug/L)	MW-404A	n/a	n/a	n/a	NP	NaN	22	6.01	4.123	unknown	ShapiroWilk
Vinyl Acetate (ug/L)	P-504B (bg)	n/a	n/a	n/a	NP	NaN	15	5.383	3.927	unknown	ShapiroWilk
Vinyl Acetate (ug/L)	P-503B (bg)	n/a	n/a	n/a	NP	NaN	20	6.912	3.899	unknown	ShapiroWilk
Vinyl Acetate (ug/L)	MW-108AR	n/a	n/a	n/a	NP	NaN	19	6.564	4.178	unknown	ShapiroWilk
Vinyl Acetate (ug/L)	MW-505A (bg)	n/a	n/a	n/a	NP	NaN	18	6.152	3.98	unknown	ShapiroWilk
Vinyl Acetate (ug/L)	MW-501A	n/a	n/a	n/a	NP	NaN	21	7.143	3.732	unknown	ShapiroWilk
Vinyl Acetate (ug/L)	MW-605	n/a	n/a	n/a	NP	NaN	15	6	3.873	unknown	ShapiroWilk
Vinyl Acetate (ug/L)	MW-604	n/a	n/a	n/a	NP	NaN	15	6	3.873	unknown	ShapiroWilk
Vinyl chloride (ug/L)	MW-102A	No	n/a	n/a	NP	NaN	22	0.5421	0.287	ln(x)	ShapiroWilk
Vinyl chloride (ug/L)	OW-301A	n/a	n/a	n/a	NP	NaN	18	0.5856	0.4269	unknown	ShapiroWilk
Vinyl chloride (ug/L)	MW-201A	n/a	n/a	n/a	NP	NaN	24	0.624	0.433	unknown	ShapiroWilk
Vinyl chloride (ug/L)	MW-103A	n/a	n/a	n/a	NP	NaN	24	0.6142	0.4292	unknown	ShapiroWilk
Vinyl chloride (ug/L)	MW-114AR	n/a	n/a	n/a	NP	NaN	22	0.5791	0.4316	unknown	ShapiroWilk
Vinyl chloride (ug/L)	MW-120AR (bg)	n/a	n/a	n/a	NP	NaN	24	0.6142	0.4292	unknown	ShapiroWilk
Vinyl chloride (ug/L)	P-105B	n/a	n/a	n/a	NP	NaN	22	0.5791	0.4316	unknown	ShapiroWilk
Vinyl chloride (ug/L)	P-108B	n/a	n/a	n/a	NP	NaN	22	0.5791	0.4316	unknown	ShapiroWilk
Vinyl chloride (ug/L)	MW-403A	n/a	n/a	n/a	NP	NaN	22	0.5791	0.4316	unknown	ShapiroWilk
Vinyl chloride (ug/L)	P-114BR	n/a	n/a	n/a	NP	NaN	22	0.5791	0.4316	unknown	ShapiroWilk
Vinyl chloride (ug/L)	MW-204A	n/a	n/a	n/a	NP	NaN	24	0.6142	0.4292	unknown	ShapiroWilk
Vinyl chloride (ug/L)	P-120B (bg)	n/a	n/a	n/a	NP	NaN	22	0.5791	0.4316	unknown	ShapiroWilk
Vinyl chloride (ug/L)	MW-137A	n/a	n/a	n/a	NP	NaN	23	0.5617	0.4298	unknown	ShapiroWilk
Vinyl chloride (ug/L)	MW-202A	n/a	n/a	n/a	NP	NaN	24	0.6142	0.4292	unknown	ShapiroWilk
Vinyl chloride (ug/L)	MW-401A	n/a	n/a	n/a	NP	NaN	23	0.4941	0.3941	unknown	ShapiroWilk
Vinyl chloride (ug/L)	MW-402A	n/a	n/a	n/a	NP	NaN	22	0.5791	0.4316	unknown	ShapiroWilk
Vinyl chloride (ug/L)	OW-306AR	n/a	n/a	n/a	NP	NaN	15	0.5627	0.4234	unknown	ShapiroWilk
Vinyl chloride (ug/L)	MW-109ARR	n/a	n/a	n/a	NP	NaN	22	0.5791	0.4316	unknown	ShapiroWilk

Outlier Analysis

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 12:59 PM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Vinyl chloride (ug/L)	MW-502A	n/a	n/a	n/a	NP	NaN	21	0.6448	0.4207	unknown	ShapiroWilk
Vinyl chloride (ug/L)	MW-404A	n/a	n/a	n/a	NP	NaN	22	0.5791	0.4316	unknown	ShapiroWilk
Vinyl chloride (ug/L)	P-504B (bg)	n/a	n/a	n/a	NP	NaN	15	0.5027	0.4208	unknown	ShapiroWilk
Vinyl chloride (ug/L)	P-503B (bg)	n/a	n/a	n/a	NP	NaN	20	0.668	0.4175	unknown	ShapiroWilk
Vinyl chloride (ug/L)	MW-108AR	n/a	n/a	n/a	NP	NaN	19	0.6421	0.4319	unknown	ShapiroWilk
Vinyl chloride (ug/L)	MW-505A (bg)	n/a	n/a	n/a	NP	NaN	18	0.5856	0.4269	unknown	ShapiroWilk
Vinyl chloride (ug/L)	MW-501A	n/a	n/a	n/a	NP	NaN	21	0.6481	0.4163	unknown	ShapiroWilk
Vinyl chloride (ug/L)	MW-605	n/a	n/a	n/a	NP	NaN	15	0.5627	0.4234	unknown	ShapiroWilk
Vinyl chloride (ug/L)	MW-604	n/a	n/a	n/a	NP	NaN	15	0.5627	0.4234	unknown	ShapiroWilk
Xylenes, Total (ug/L)	MW-102A	n/a	n/a	n/a	NP	NaN	22	1.192	1.186	unknown	ShapiroWilk
Xylenes, Total (ug/L)	OW-301A	n/a	n/a	n/a	NP	NaN	19	1.467	1.261	unknown	ShapiroWilk
Xylenes, Total (ug/L)	MW-201A	n/a	n/a	n/a	NP	NaN	24	1.518	1.302	unknown	ShapiroWilk
Xylenes, Total (ug/L)	MW-103A	n/a	n/a	n/a	NP	NaN	24	1.419	1.277	unknown	ShapiroWilk
Xylenes, Total (ug/L)	MW-114AR	n/a	n/a	n/a	NP	NaN	22	1.297	1.26	unknown	ShapiroWilk
Xylenes, Total (ug/L)	MW-120AR (bg)	n/a	n/a	n/a	NP	NaN	24	1.546	1.297	unknown	ShapiroWilk
Xylenes, Total (ug/L)	P-105B	n/a	n/a	n/a	NP	NaN	22	1.356	1.292	unknown	ShapiroWilk
Xylenes, Total (ug/L)	P-108B	n/a	n/a	n/a	NP	NaN	22	1.433	1.315	unknown	ShapiroWilk
Xylenes, Total (ug/L)	MW-403A	n/a	n/a	n/a	NP	NaN	22	1.515	1.254	unknown	ShapiroWilk
Xylenes, Total (ug/L)	P-114BR	n/a	n/a	n/a	NP	NaN	22	1.381	1.284	unknown	ShapiroWilk
Xylenes, Total (ug/L)	MW-204A	n/a	n/a	n/a	NP	NaN	24	1.541	1.288	unknown	ShapiroWilk
Xylenes, Total (ug/L)	P-120B (bg)	n/a	n/a	n/a	NP	NaN	22	1.21	1.258	unknown	ShapiroWilk
Xylenes, Total (ug/L)	MW-137A	n/a	n/a	n/a	NP	NaN	23	1.356	1.25	unknown	ShapiroWilk
Xylenes, Total (ug/L)	MW-202A	n/a	n/a	n/a	NP	NaN	24	1.421	1.281	unknown	ShapiroWilk
Xylenes, Total (ug/L)	MW-401A	n/a	n/a	n/a	NP	NaN	23	1.39	1.249	unknown	ShapiroWilk
Xylenes, Total (ug/L)	MW-402A	n/a	n/a	n/a	NP	NaN	22	1.268	1.237	unknown	ShapiroWilk
Xylenes, Total (ug/L)	OW-306AR	n/a	n/a	n/a	NP	NaN	15	1.476	1.295	unknown	ShapiroWilk
Xylenes, Total (ug/L)	MW-109ARR	n/a	n/a	n/a	NP	NaN	22	1.391	1.27	unknown	ShapiroWilk
Xylenes, Total (ug/L)	MW-502A	n/a	n/a	n/a	NP	NaN	21	1.744	1.287	unknown	ShapiroWilk
Xylenes, Total (ug/L)	MW-404A	n/a	n/a	n/a	NP	NaN	22	1.377	1.28	unknown	ShapiroWilk
Xylenes, Total (ug/L)	P-504B (bg)	n/a	n/a	n/a	NP	NaN	15	1.357	1.275	unknown	ShapiroWilk
Xylenes, Total (ug/L)	P-503B (bg)	n/a	n/a	n/a	NP	NaN	20	1.844	1.318	unknown	ShapiroWilk
Xylenes, Total (ug/L)	MW-108AR	n/a	n/a	n/a	NP	NaN	19	1.572	1.325	unknown	ShapiroWilk
Xylenes, Total (ug/L)	MW-505A (bg)	n/a	n/a	n/a	NP	NaN	18	1.573	1.322	unknown	ShapiroWilk
Xylenes, Total (ug/L)	MW-501A	n/a	n/a	n/a	NP	NaN	21	1.851	1.265	unknown	ShapiroWilk
Xylenes, Total (ug/L)	MW-605	n/a	n/a	n/a	NP	NaN	15	1.613	1.343	unknown	ShapiroWilk
Xylenes, Total (ug/L)	MW-604	n/a	n/a	n/a	NP	NaN	15	1.613	1.343	unknown	ShapiroWilk

Monitoring Wells – Appendix I VOCs

Outlier Analysis Summary

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Outlier Summary - Appendix I VOCs

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 2:08 PM

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Monitoring Wells – Appendix I VOCs

Time Series

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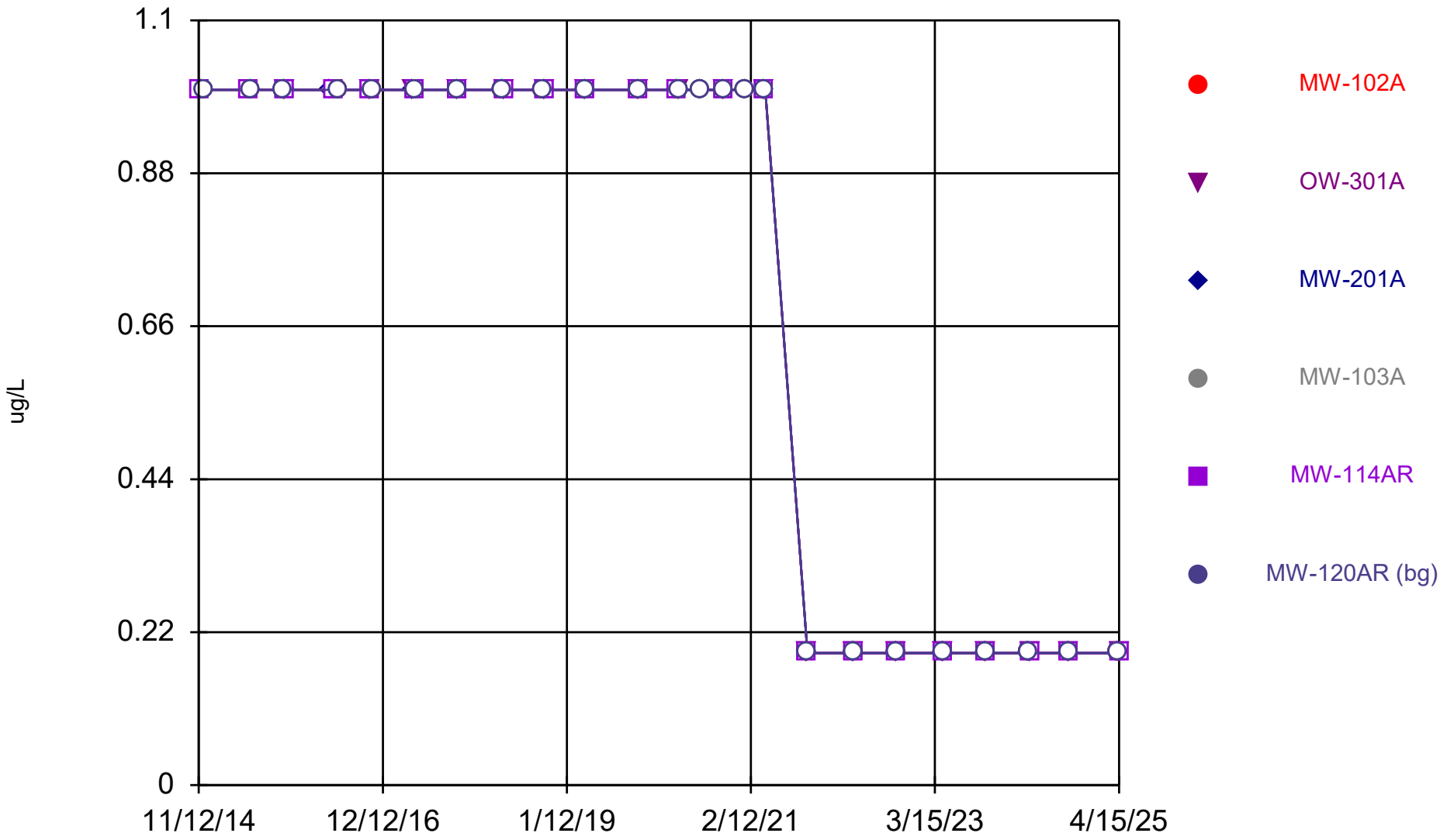
Hollow symbols indicate censored values.

Time Series

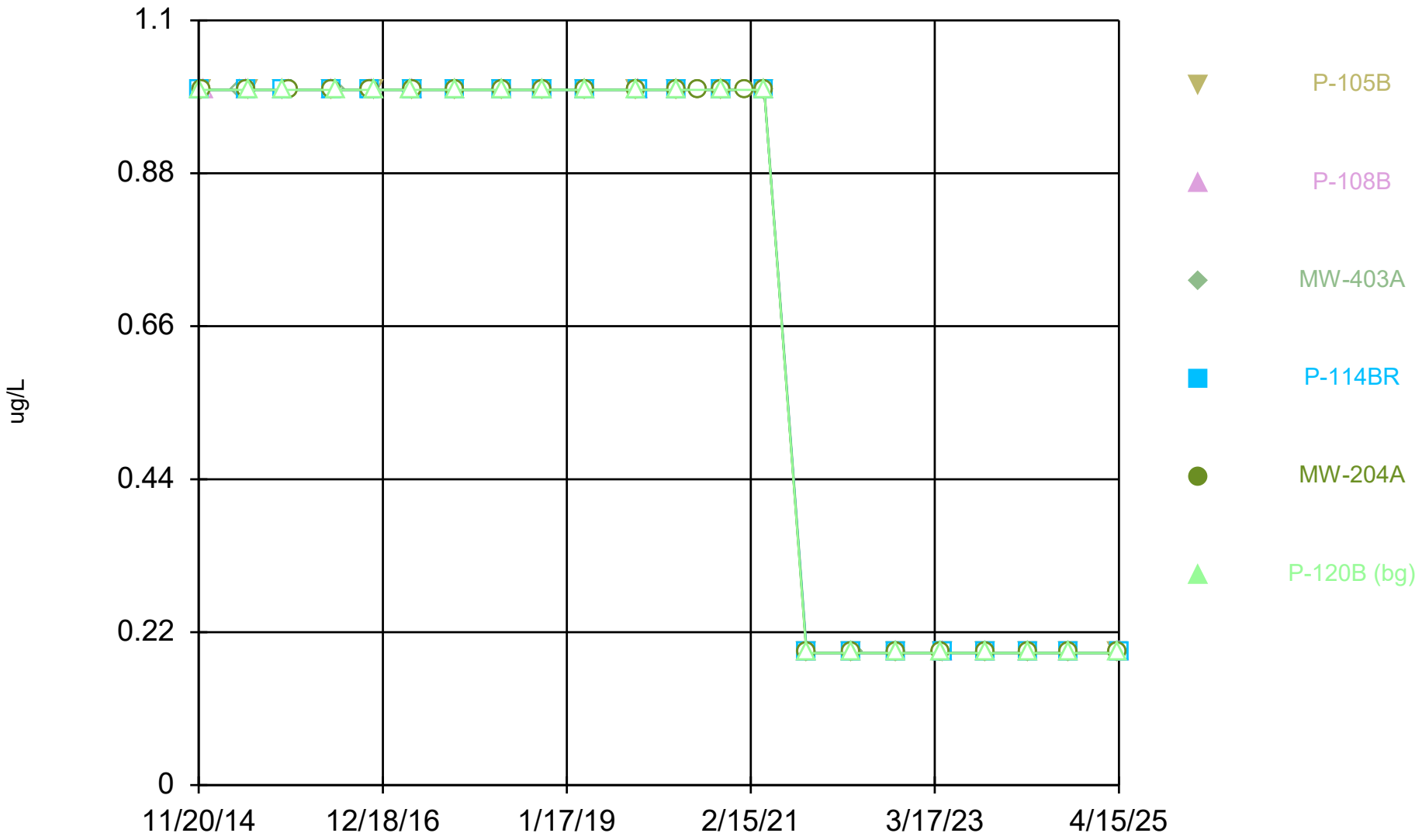


Constituent: 1,1,1-Trichloroethane Analysis Run 6/12/2025 2:09 PM View: All Wells - Appendix I VOCs

DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series



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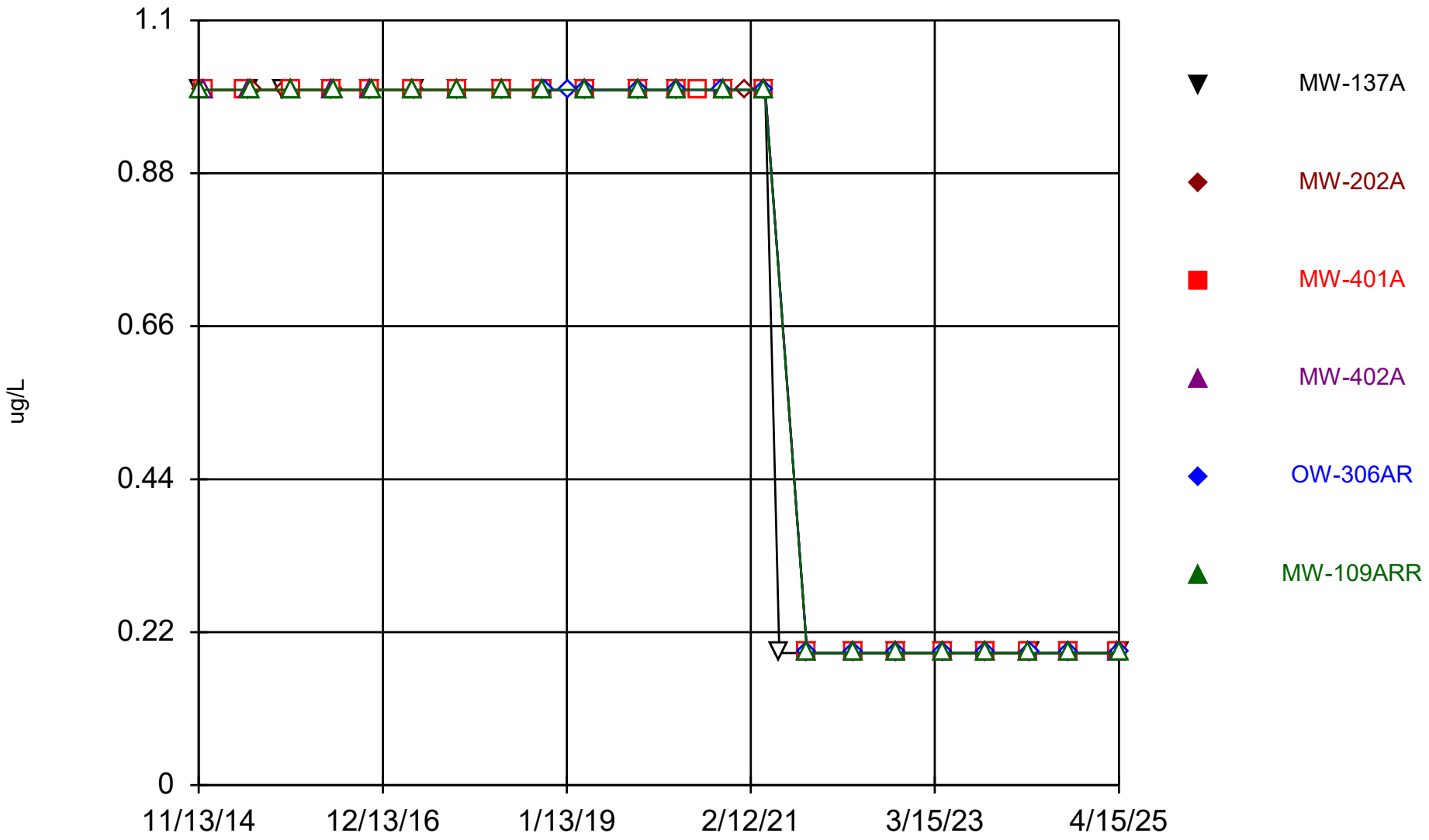
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series



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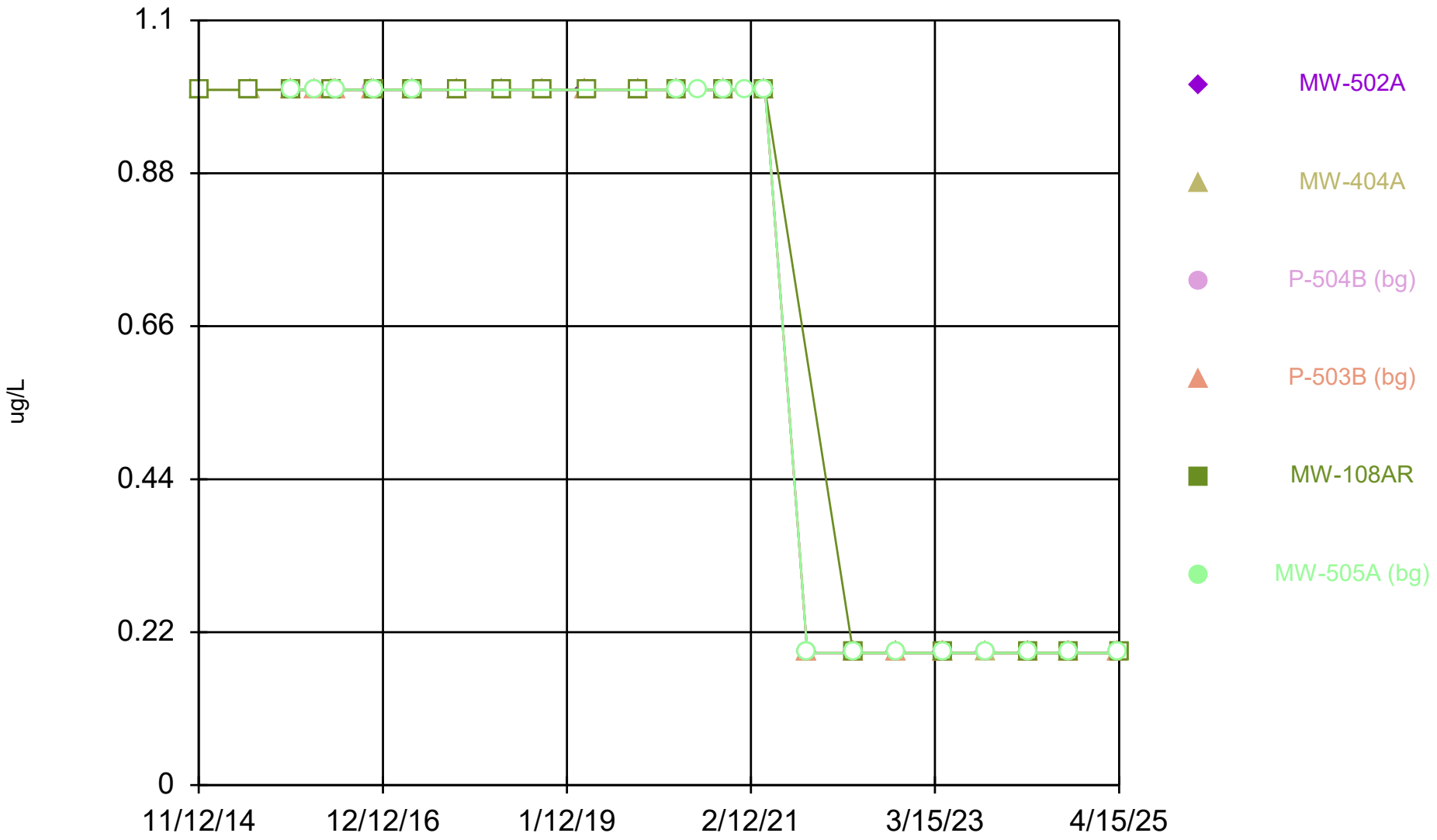
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series



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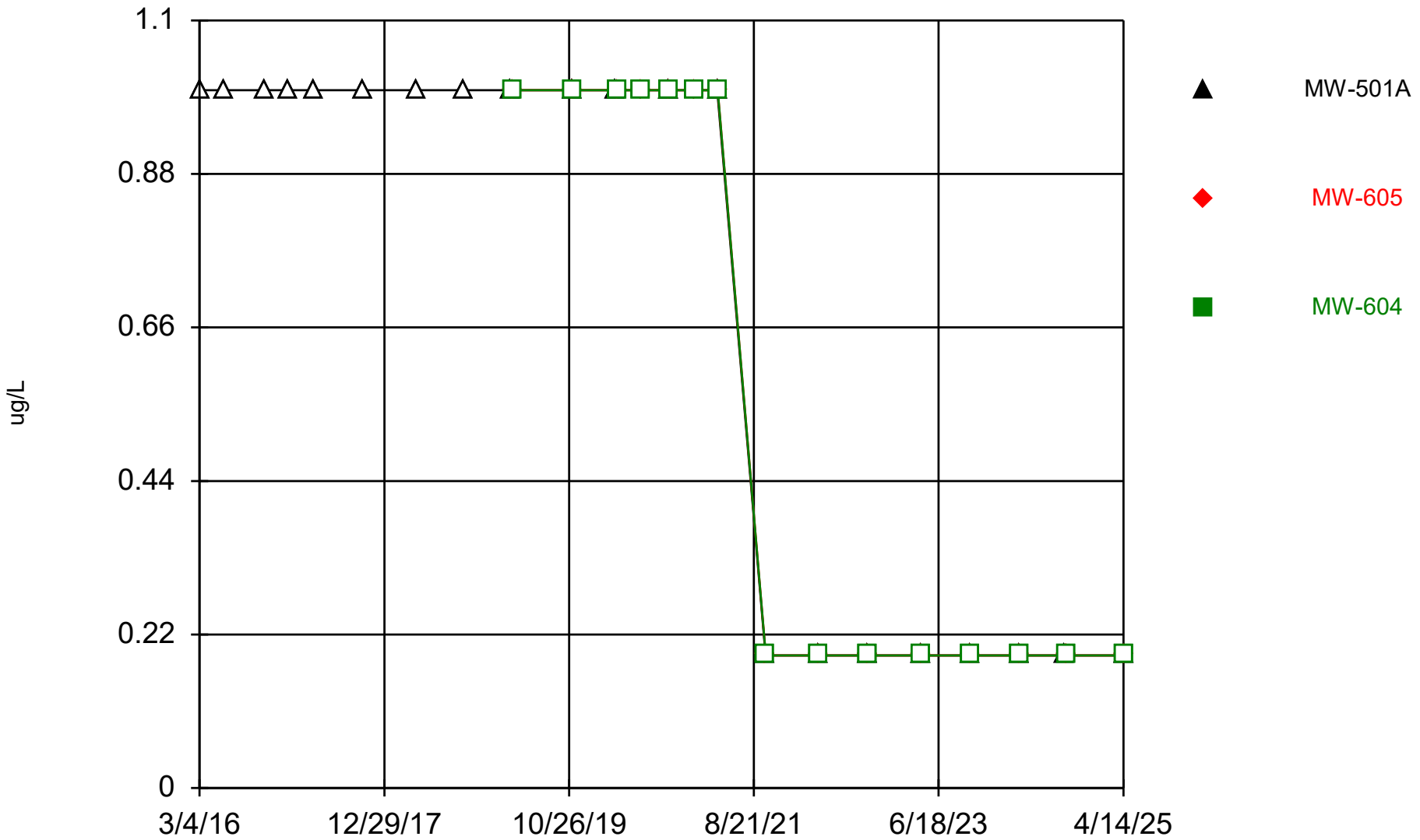
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series



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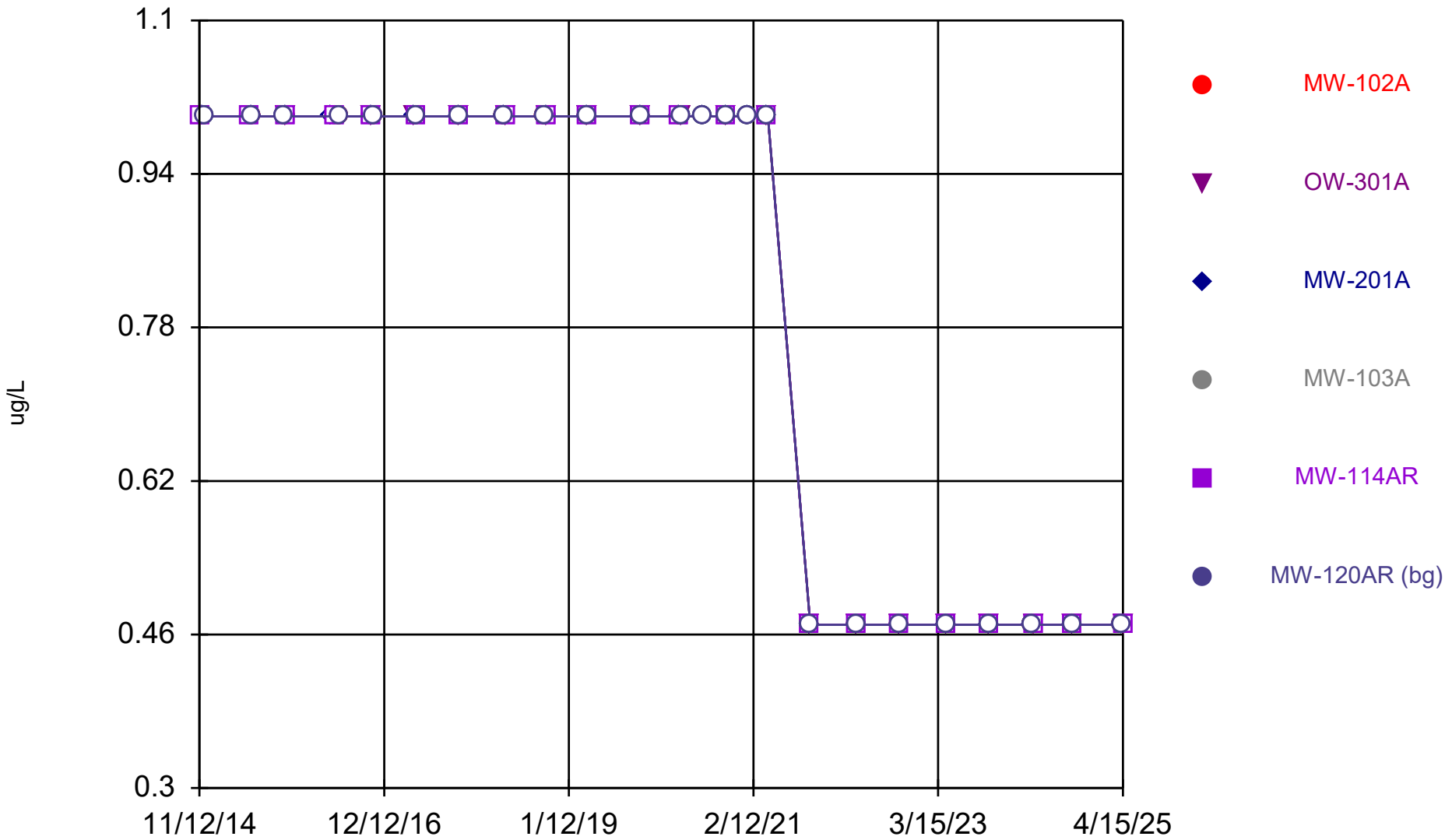
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series



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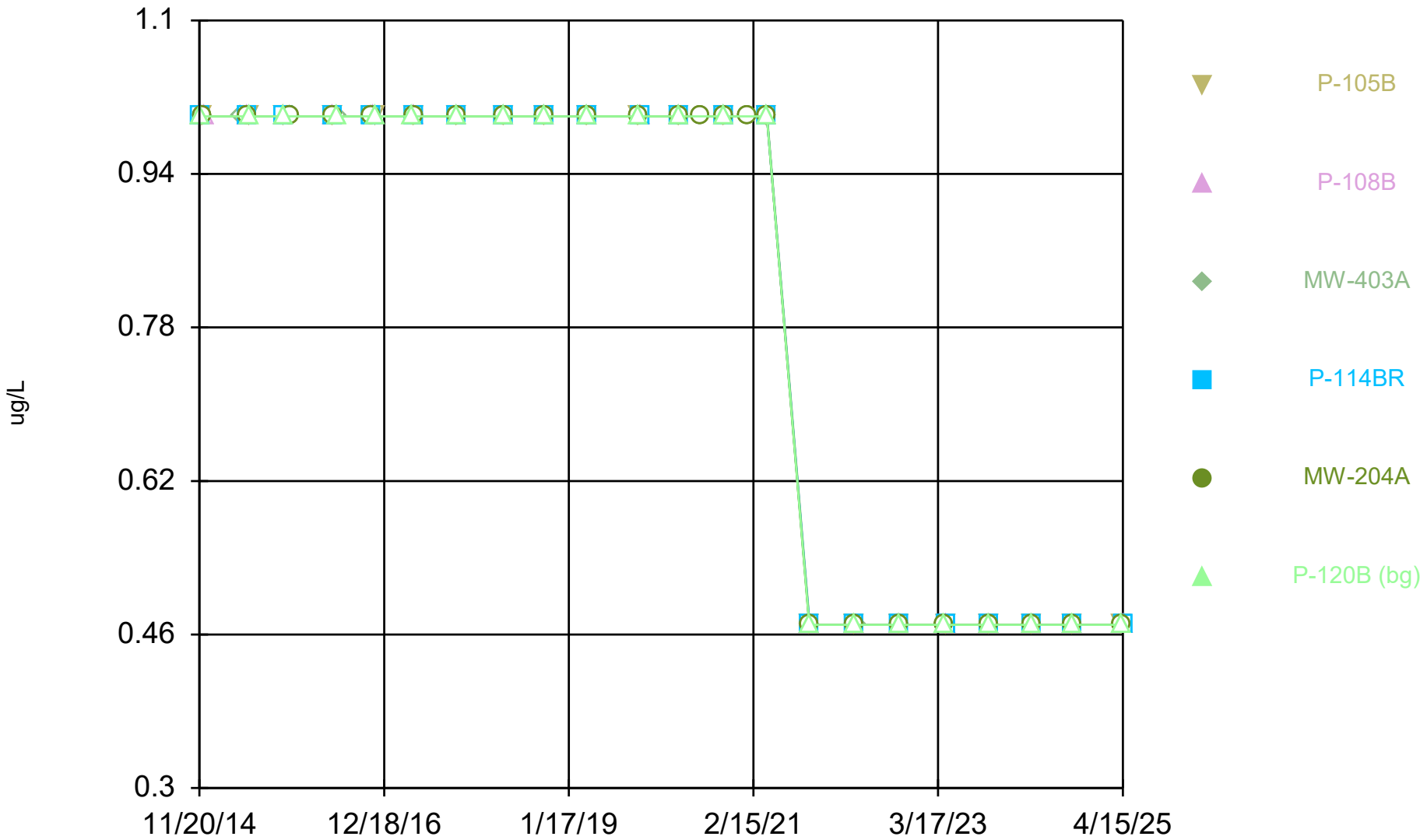
Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series



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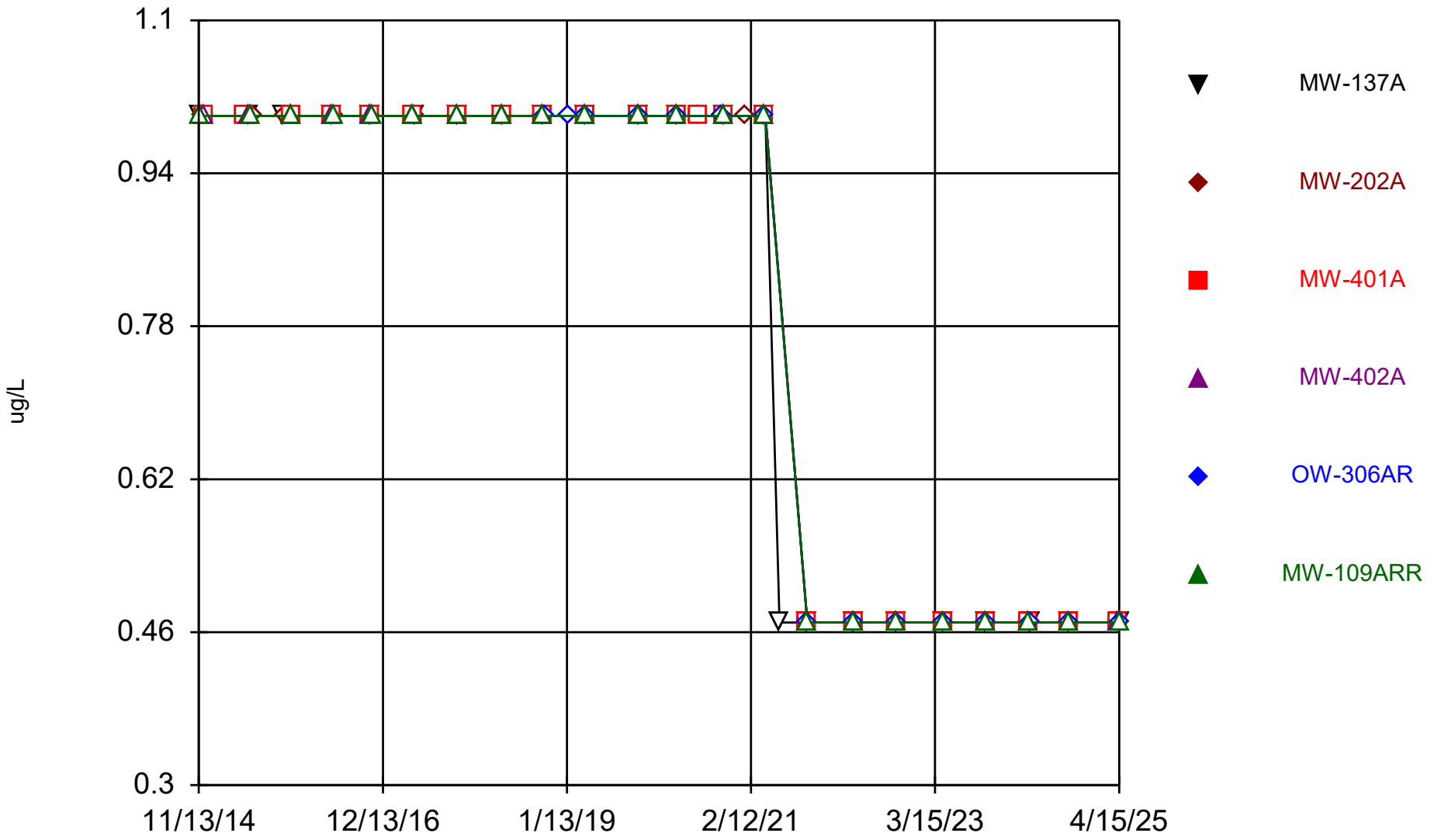
Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series



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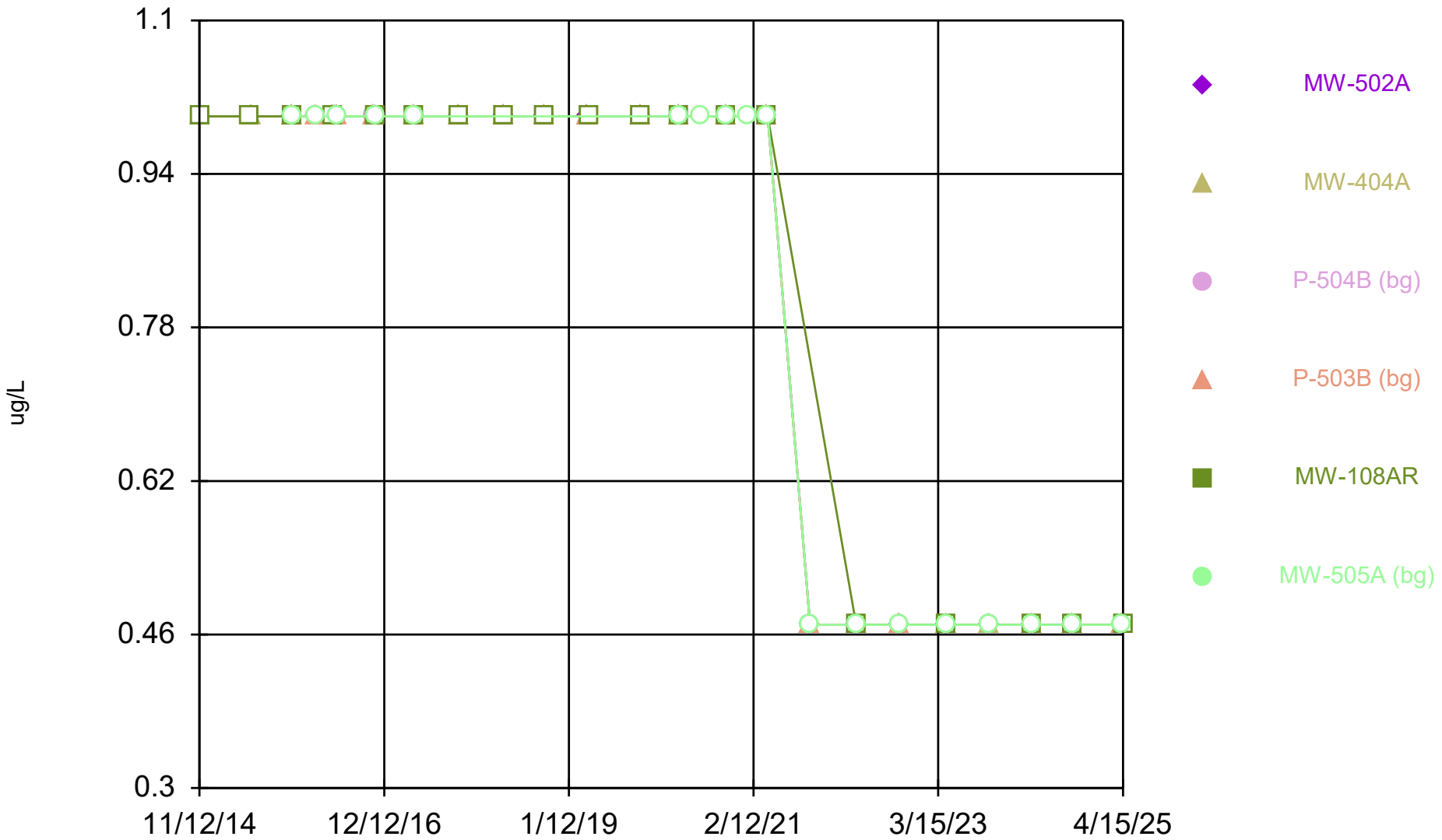
Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series



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Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
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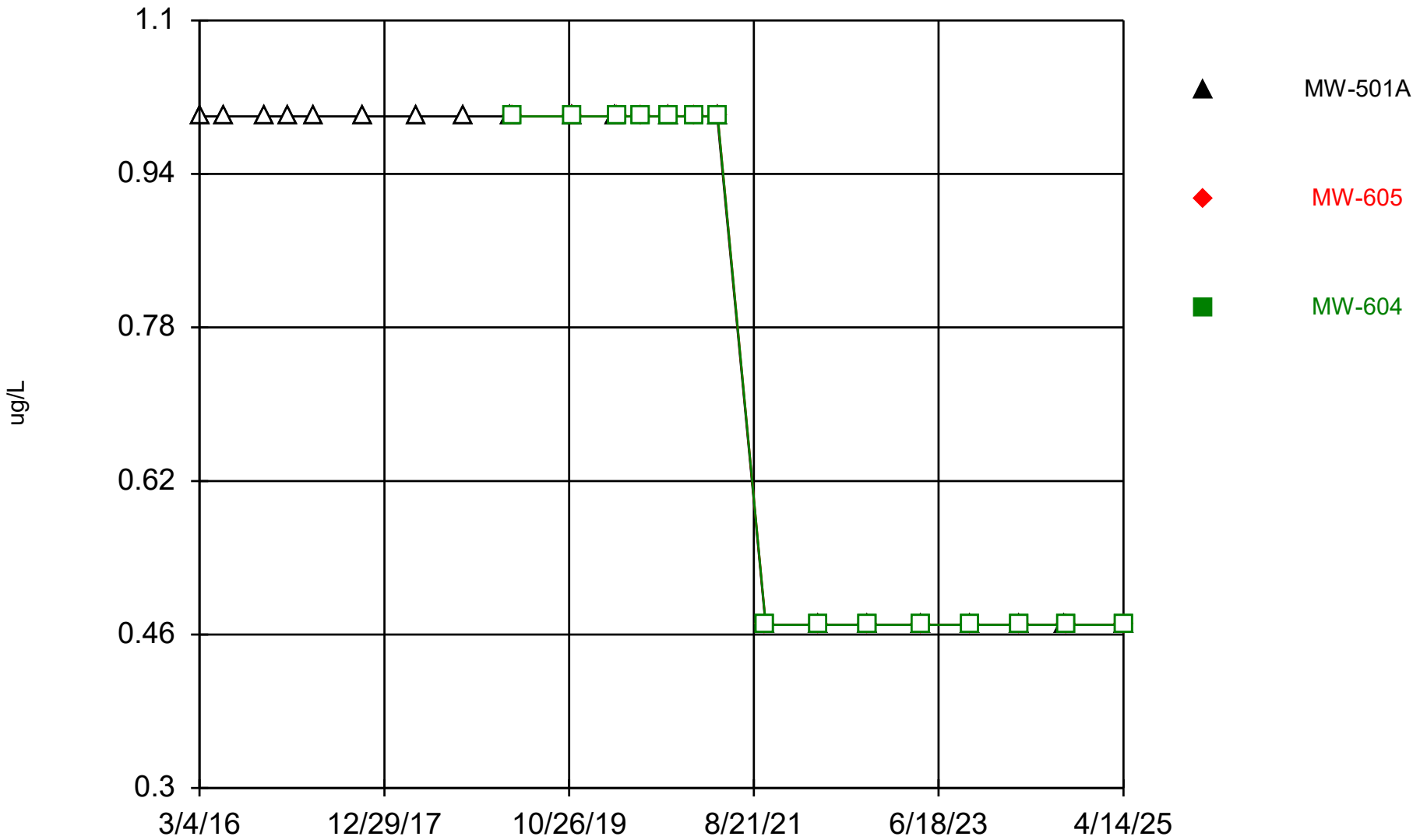
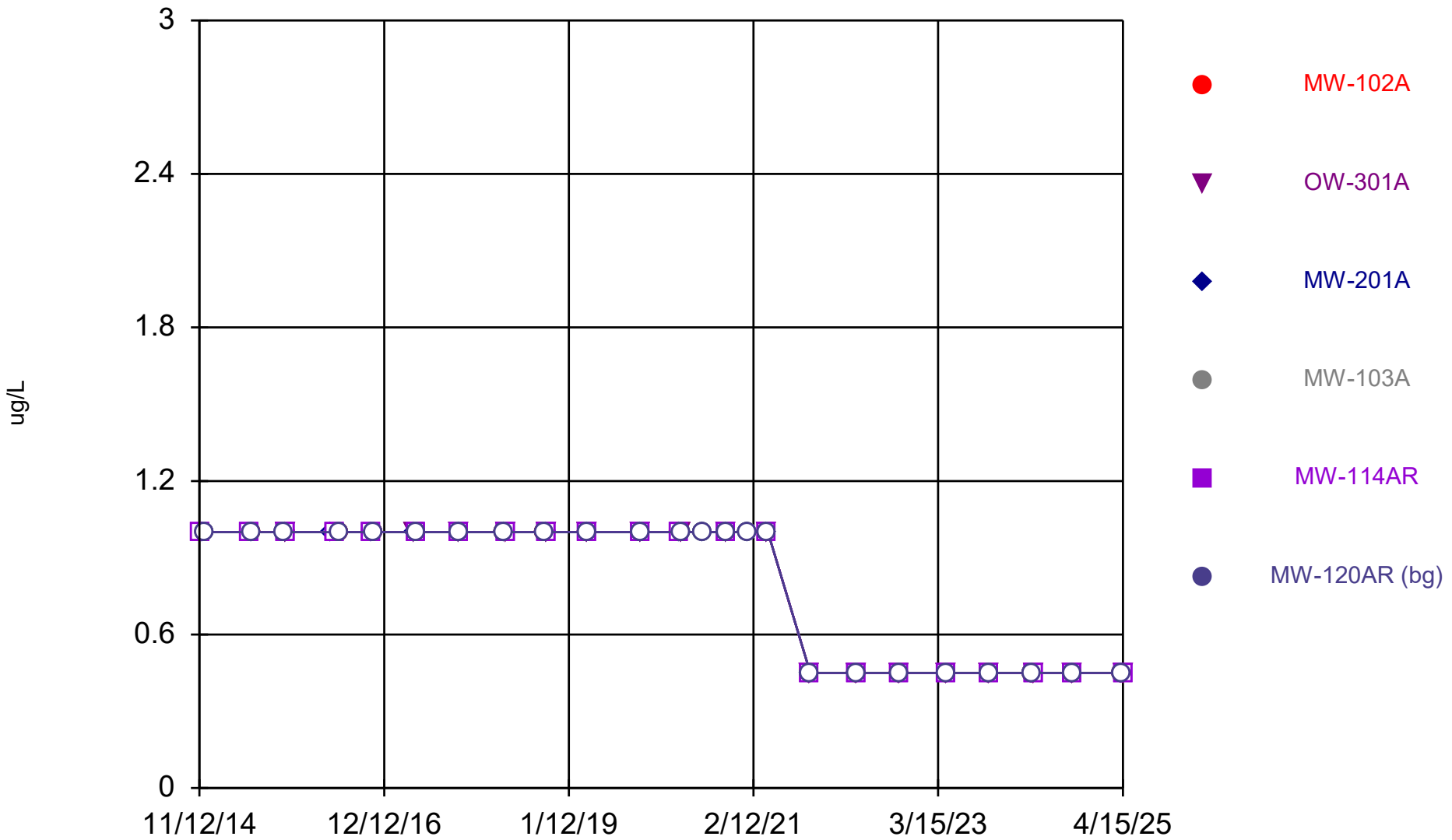
Time Series



Constituent: 1,1,2,2-Tetrachloroethane Analysis Run 6/12/2025 2:09 PM View: All Wells - Appendix I VOC DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series



Constituent: 1,1,2-Trichloroethane Analysis Run 6/12/2025 2:09 PM View: All Wells - Appendix I VOCs

DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

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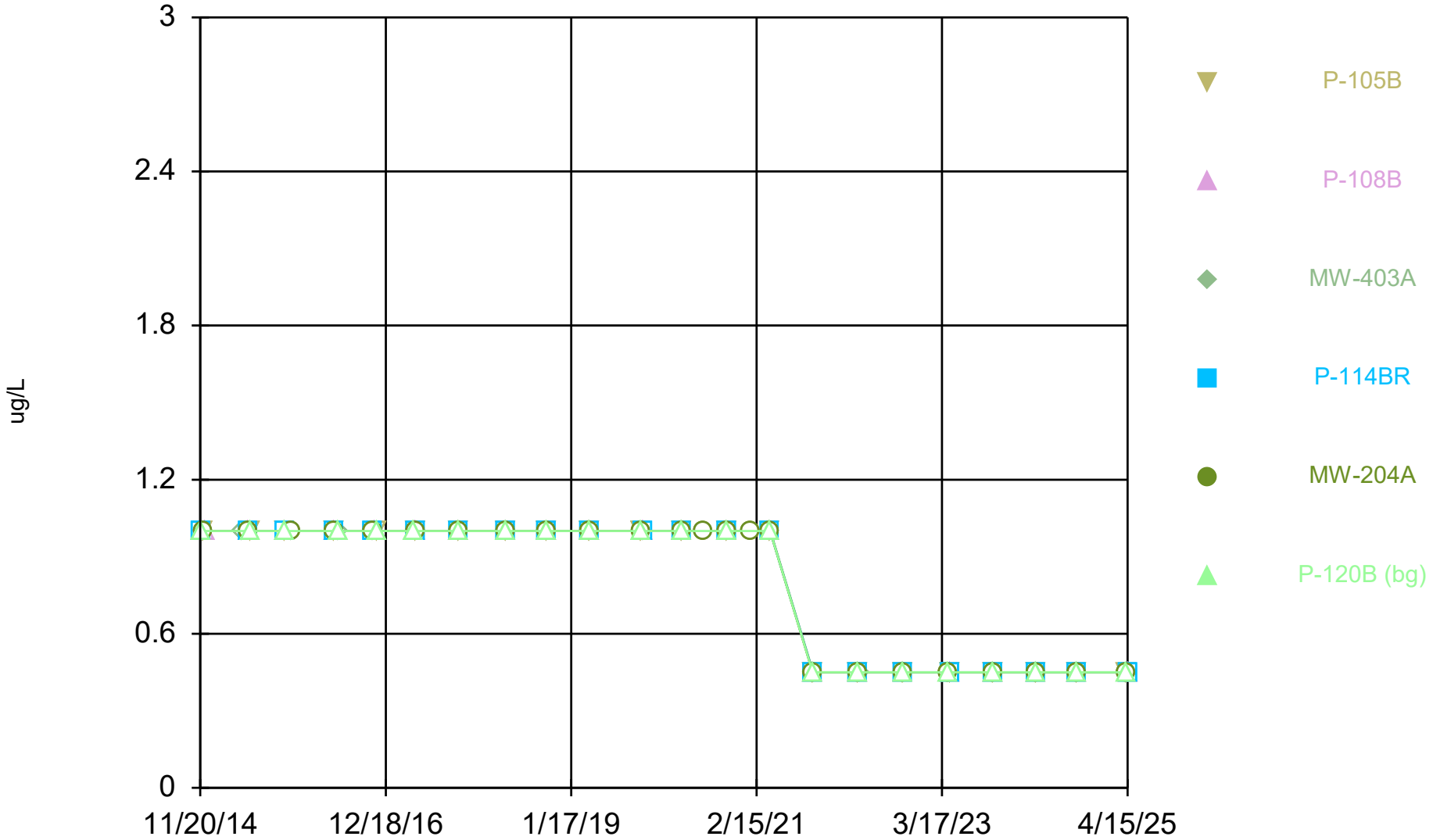

Constituent: 1,1,2-Trichloroethane Analysis Run 6/12/2025 2:09 PM View: All Wells - Appendix I VOCs

DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
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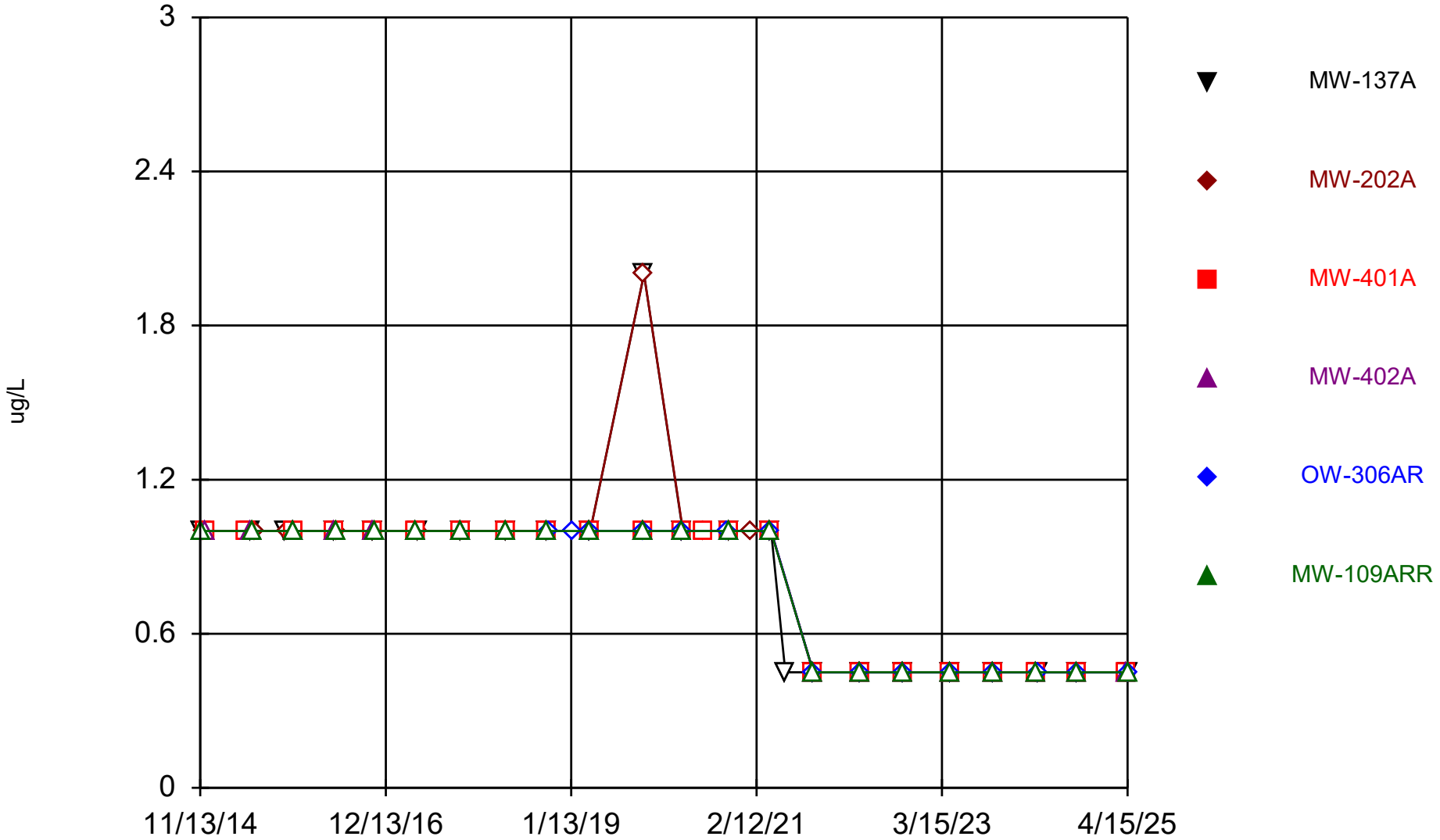

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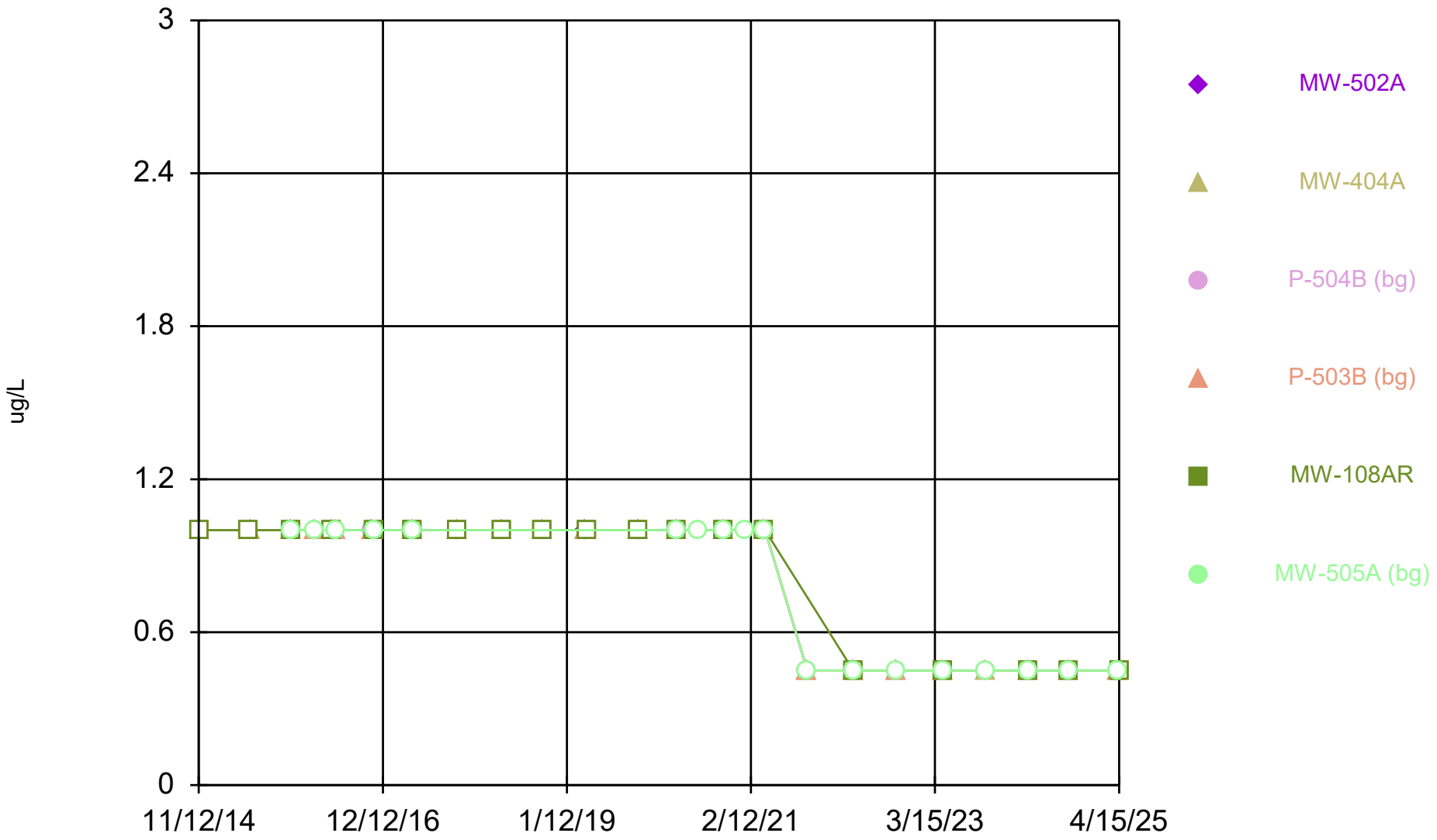

Constituent: 1,1,2-Trichloroethane Analysis Run 6/12/2025 2:09 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
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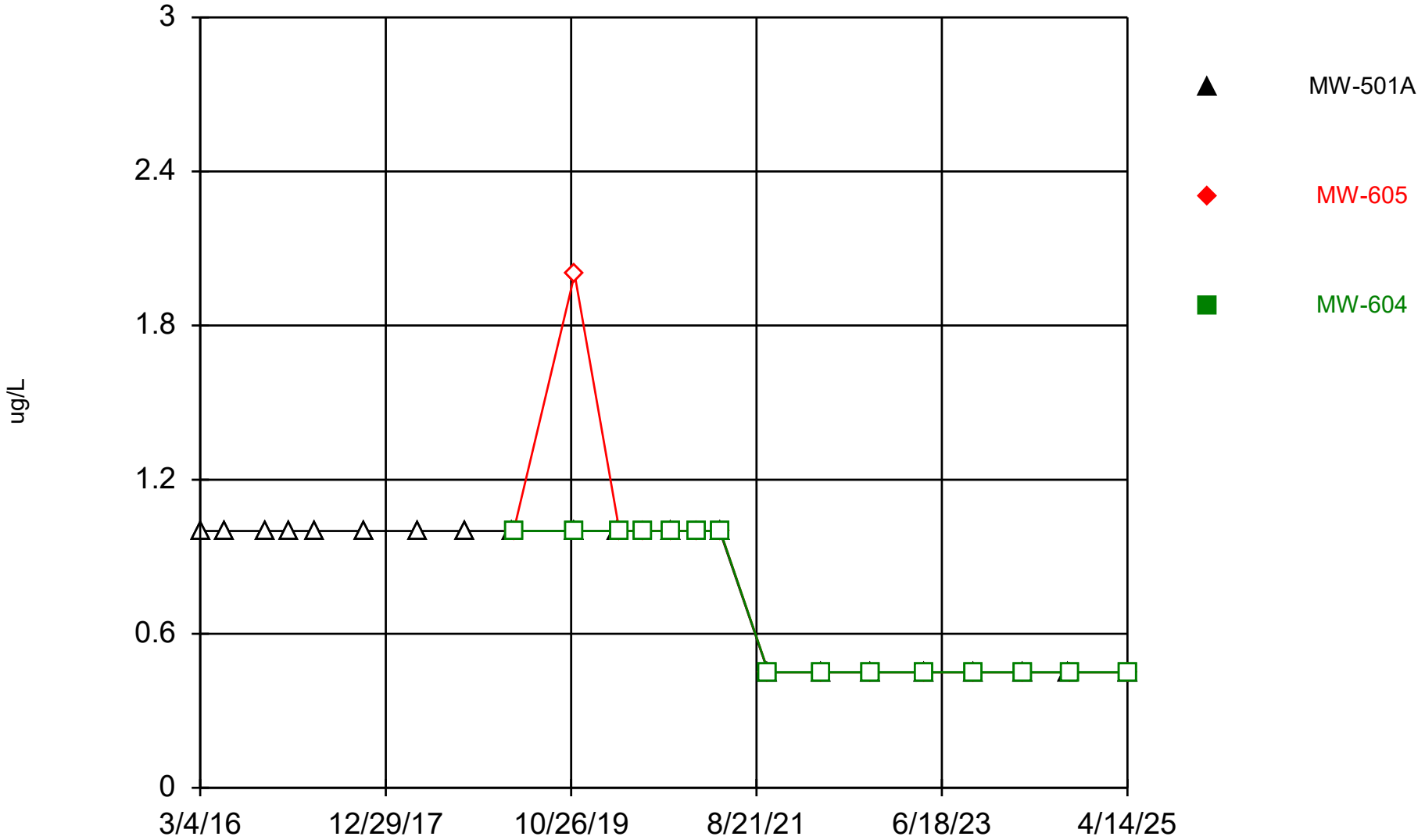

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DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
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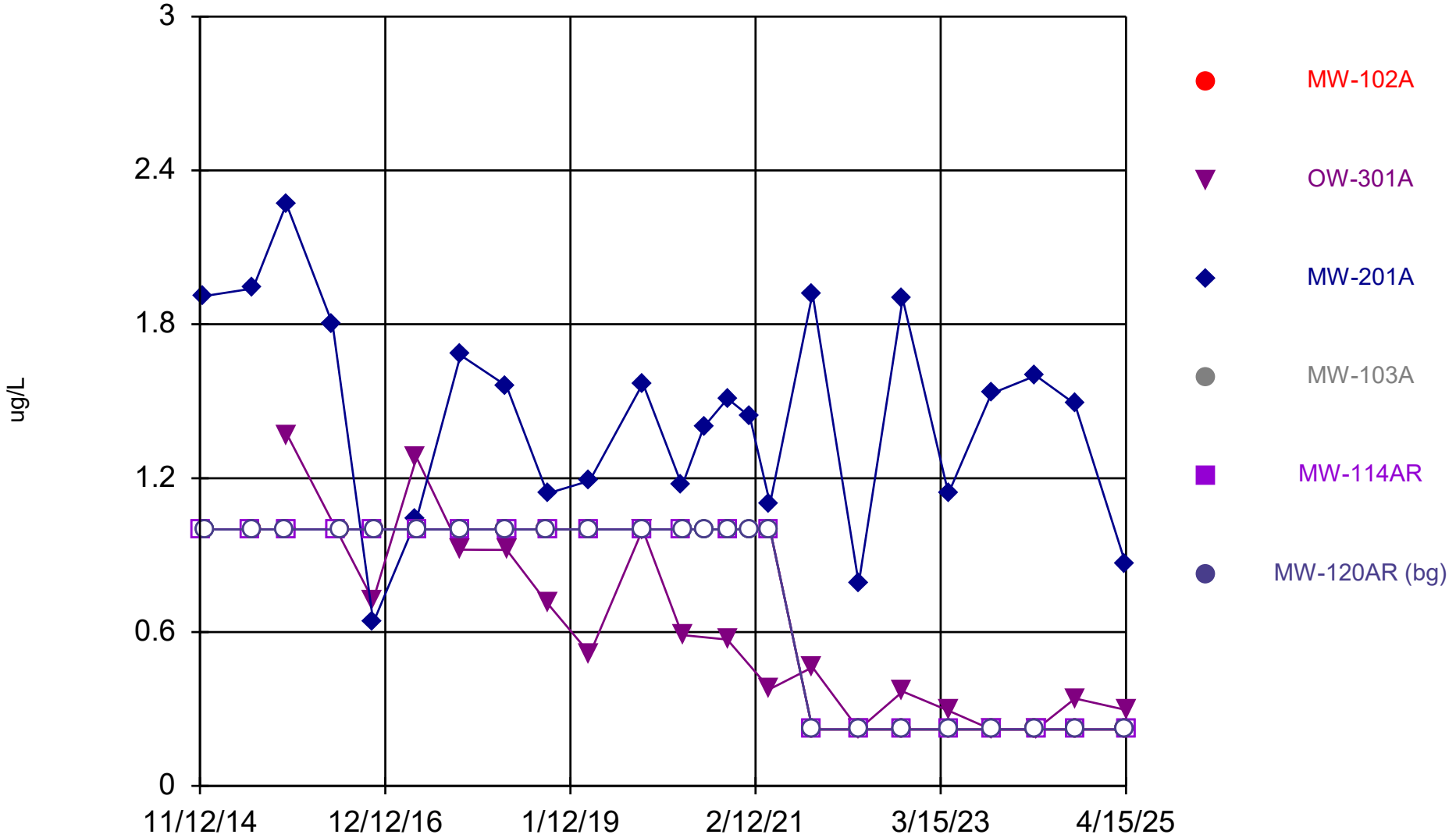

Constituent: 1,1-Dichloroethane Analysis Run 6/12/2025 2:09 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
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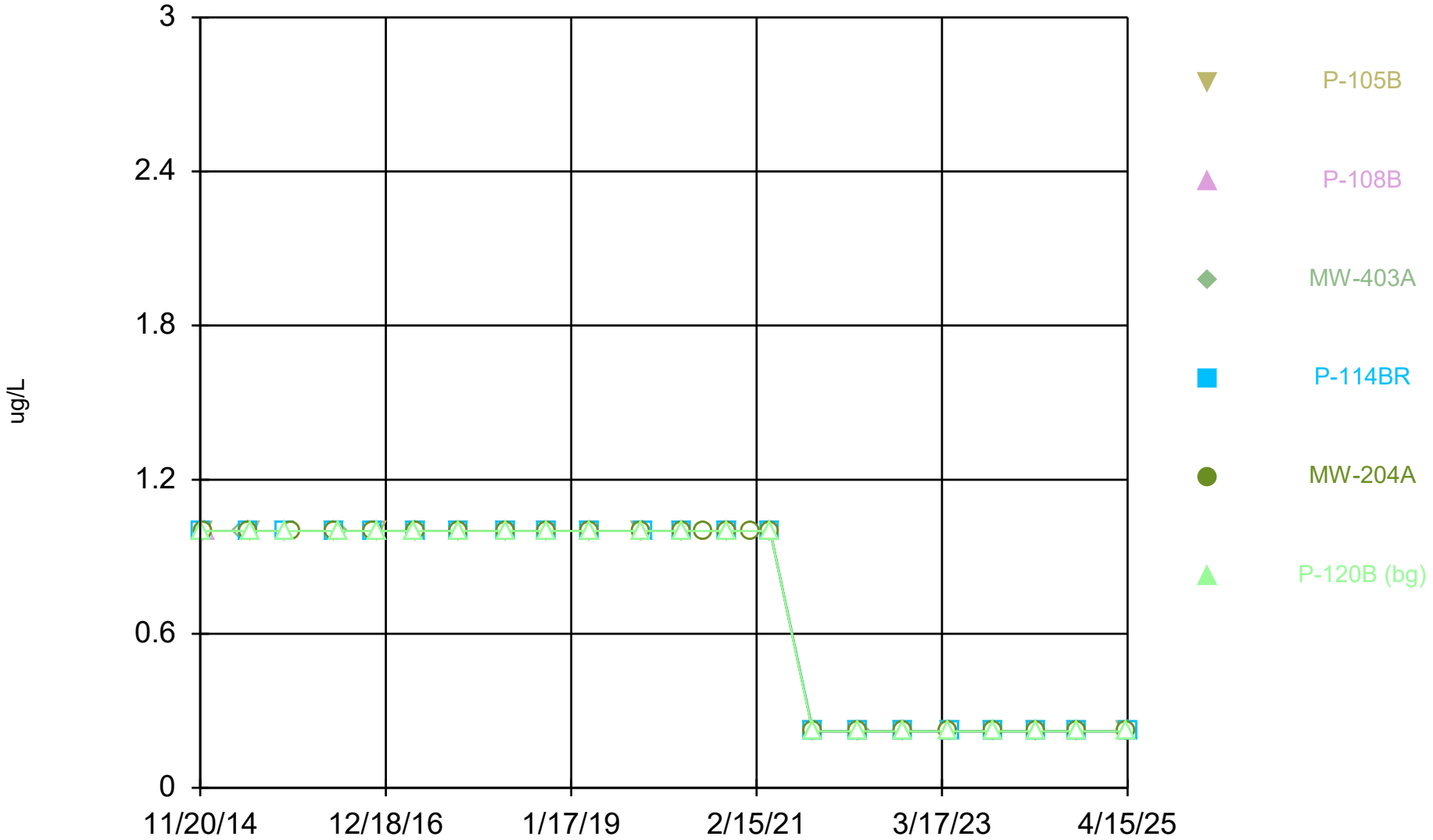

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DMASWA Data: DMASWA Database_Updated

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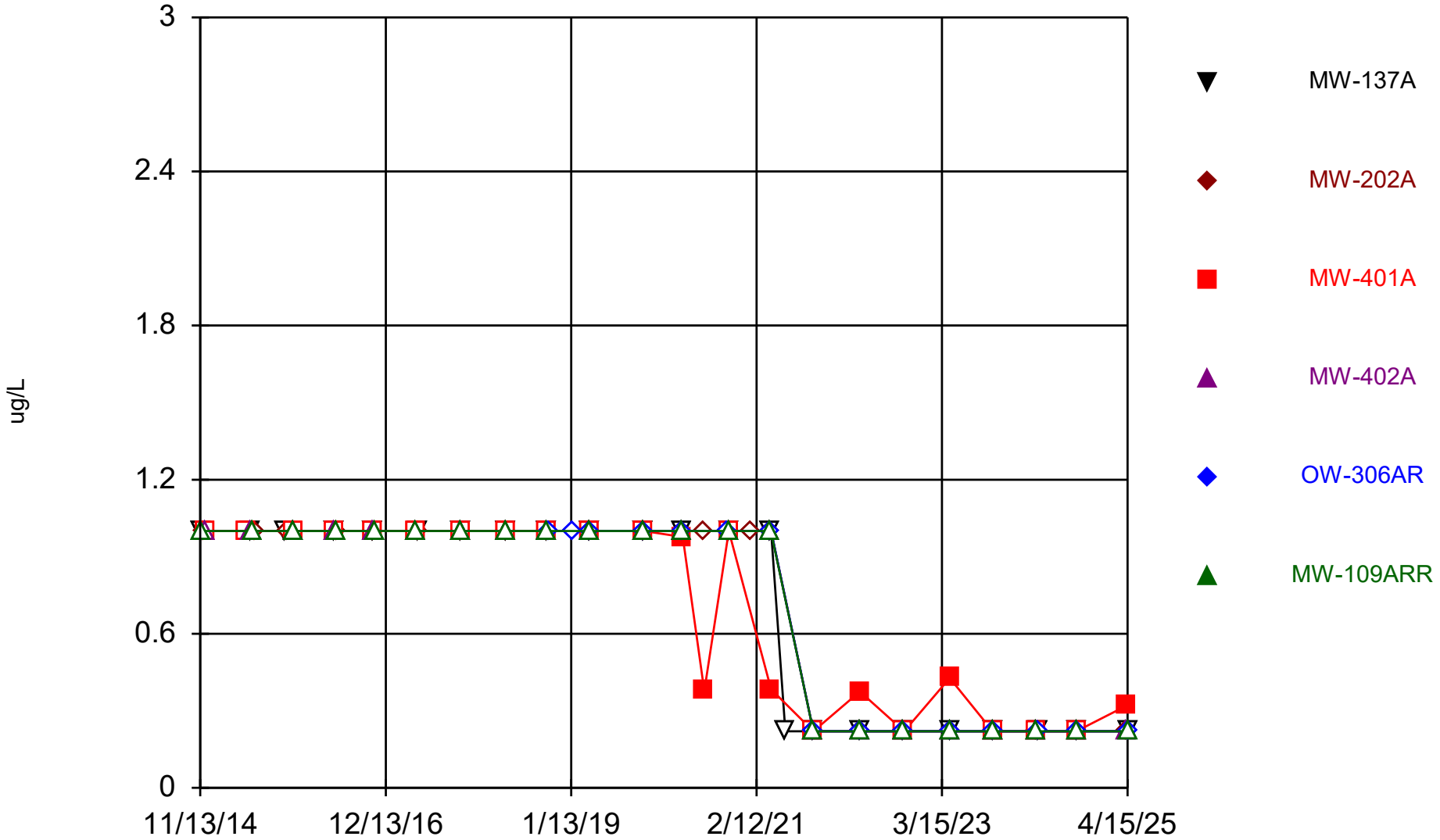

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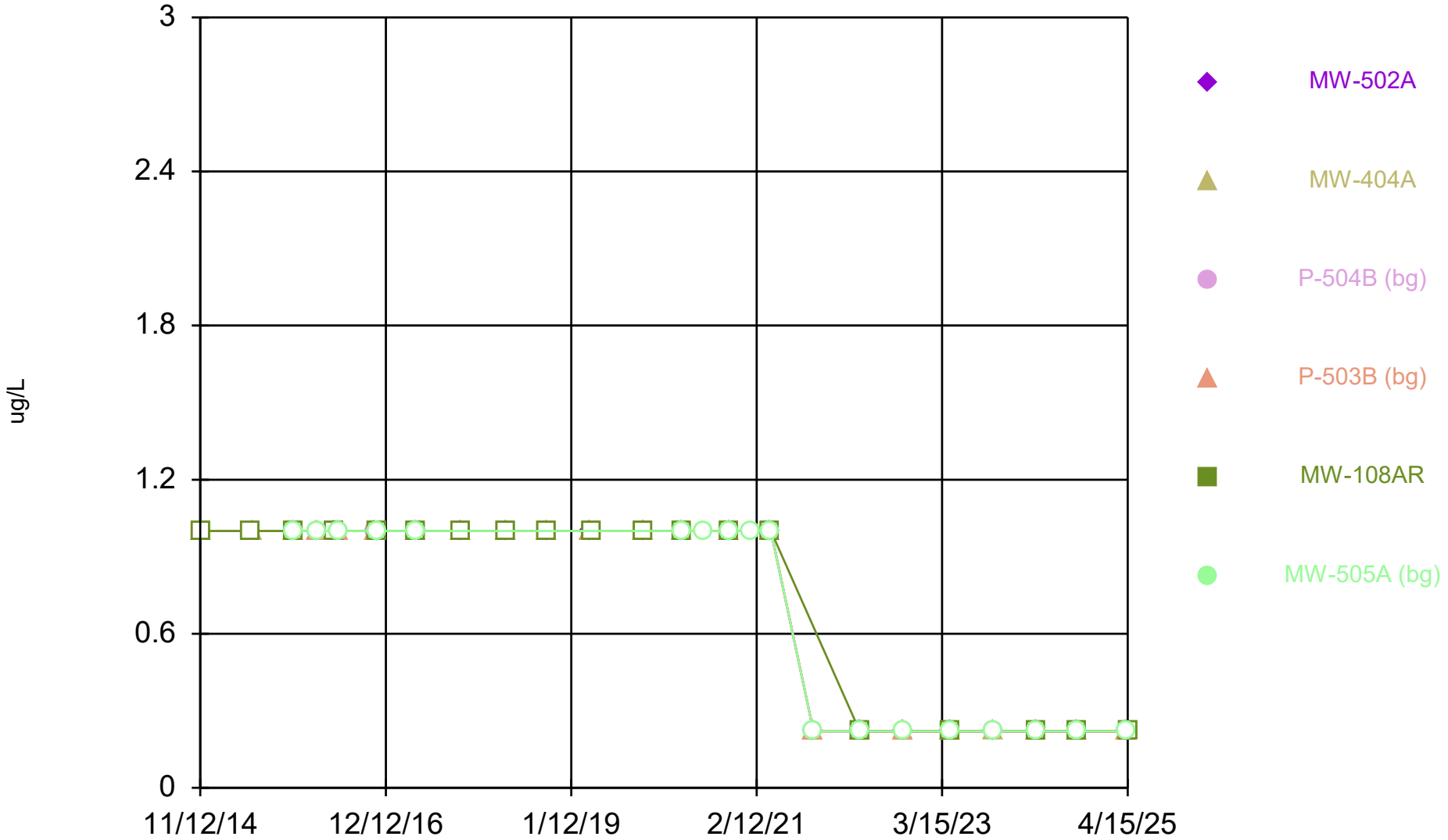

Constituent: 1,1-Dichloroethane Analysis Run 6/12/2025 2:09 PM View: All Wells - Appendix I VOCs
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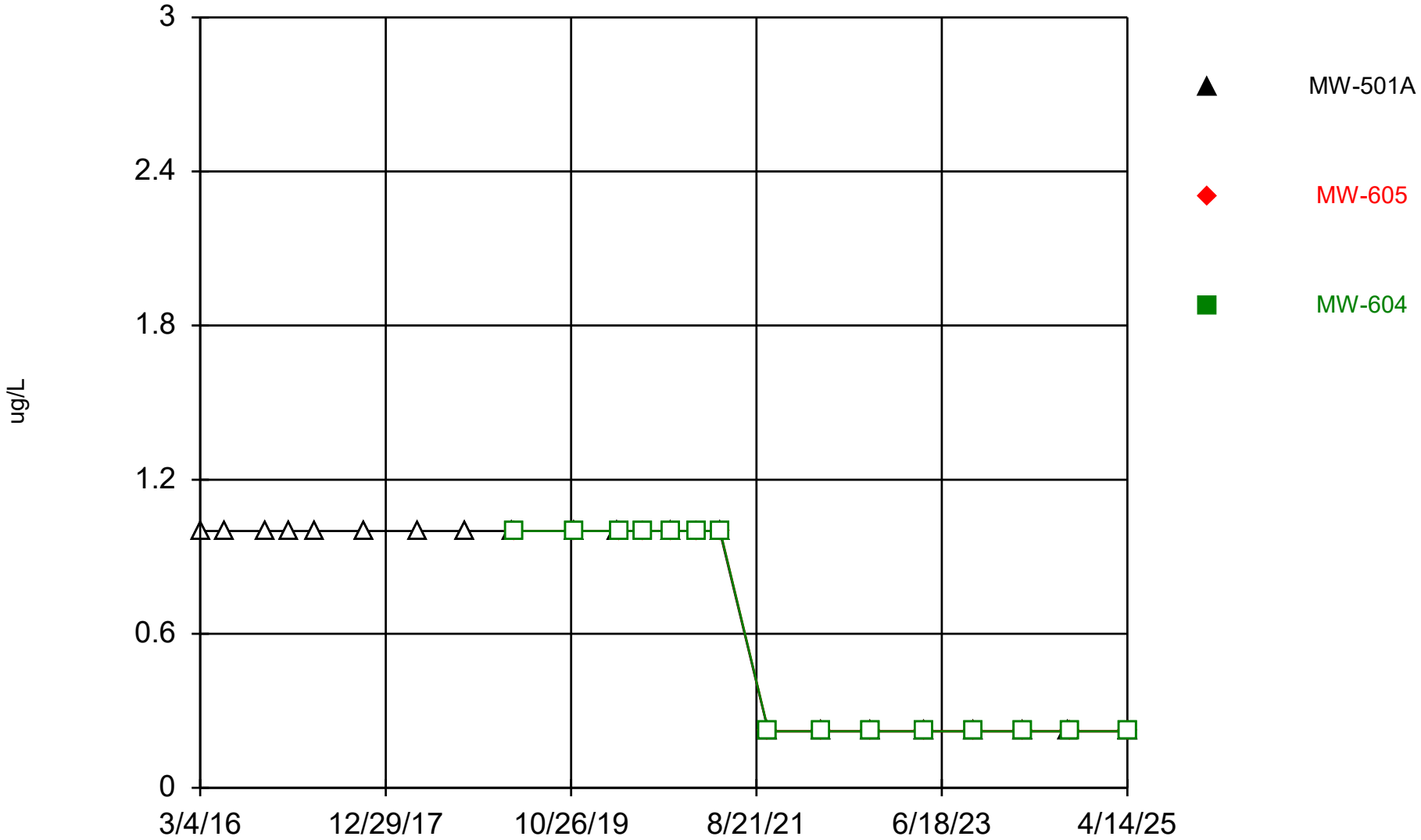

Constituent: 1,1-Dichloroethane Analysis Run 6/12/2025 2:09 PM View: All Wells - Appendix I VOCs
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Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
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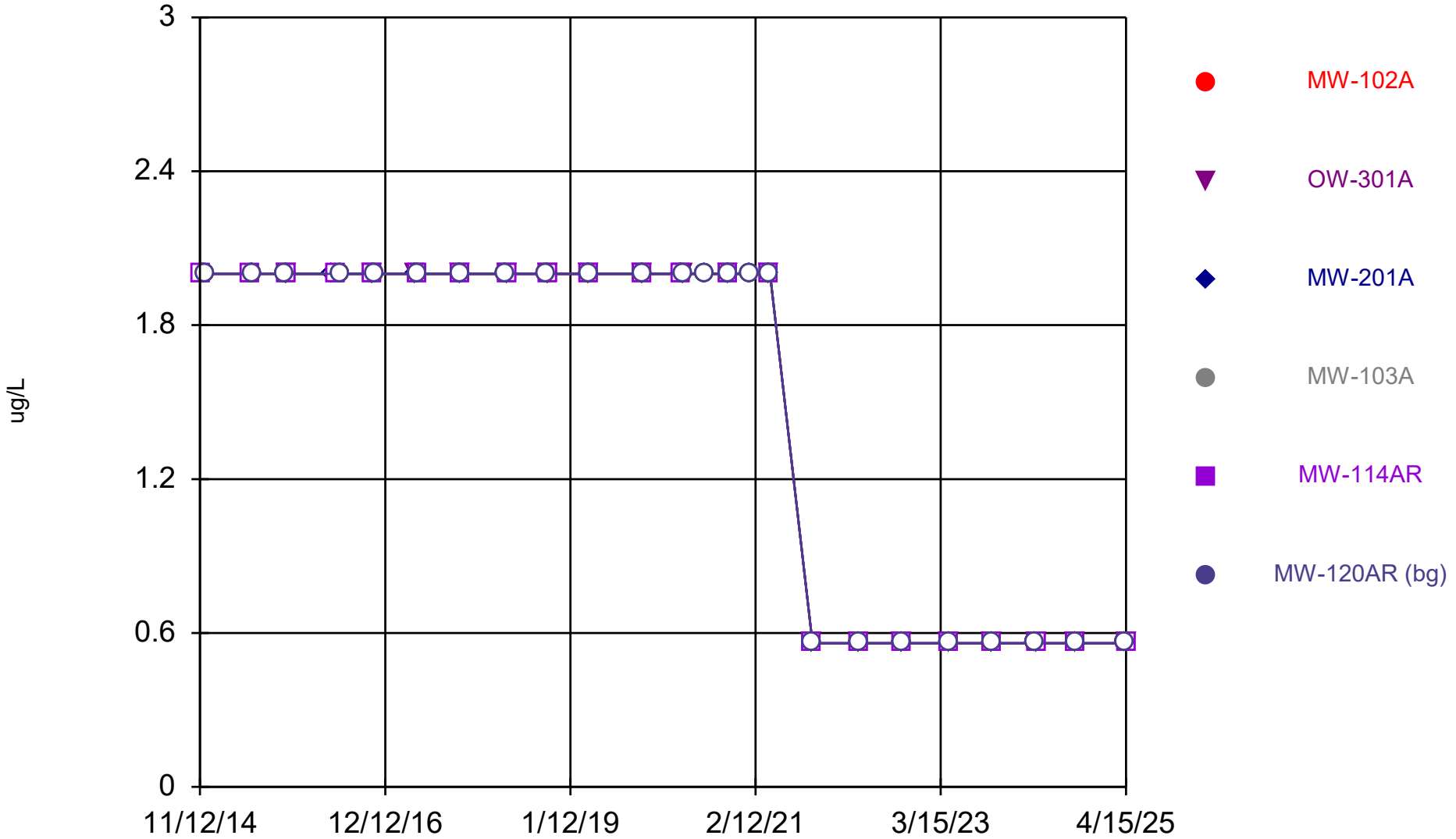

Constituent: 1,1-Dichloroethene Analysis Run 6/12/2025 2:09 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
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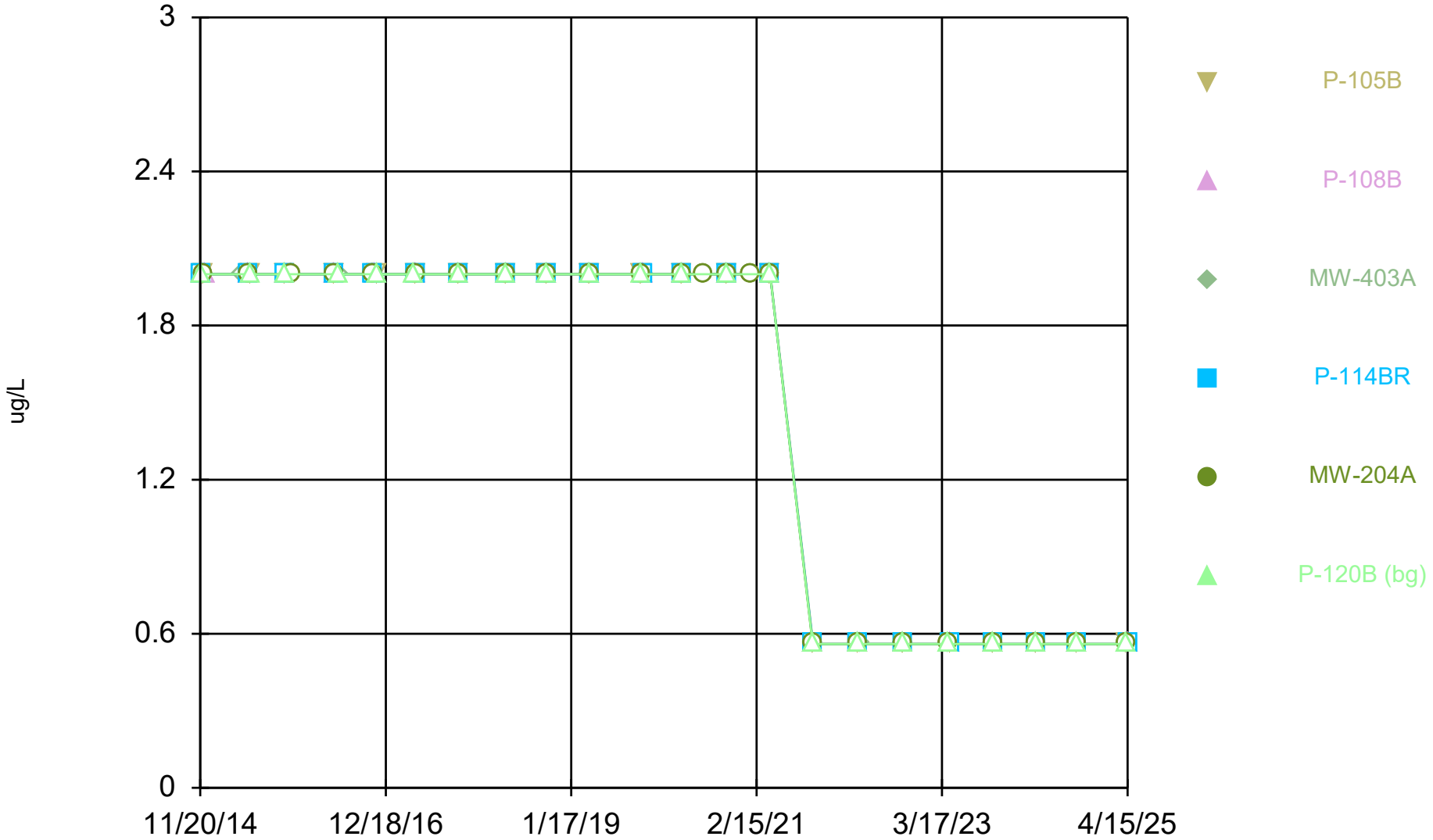

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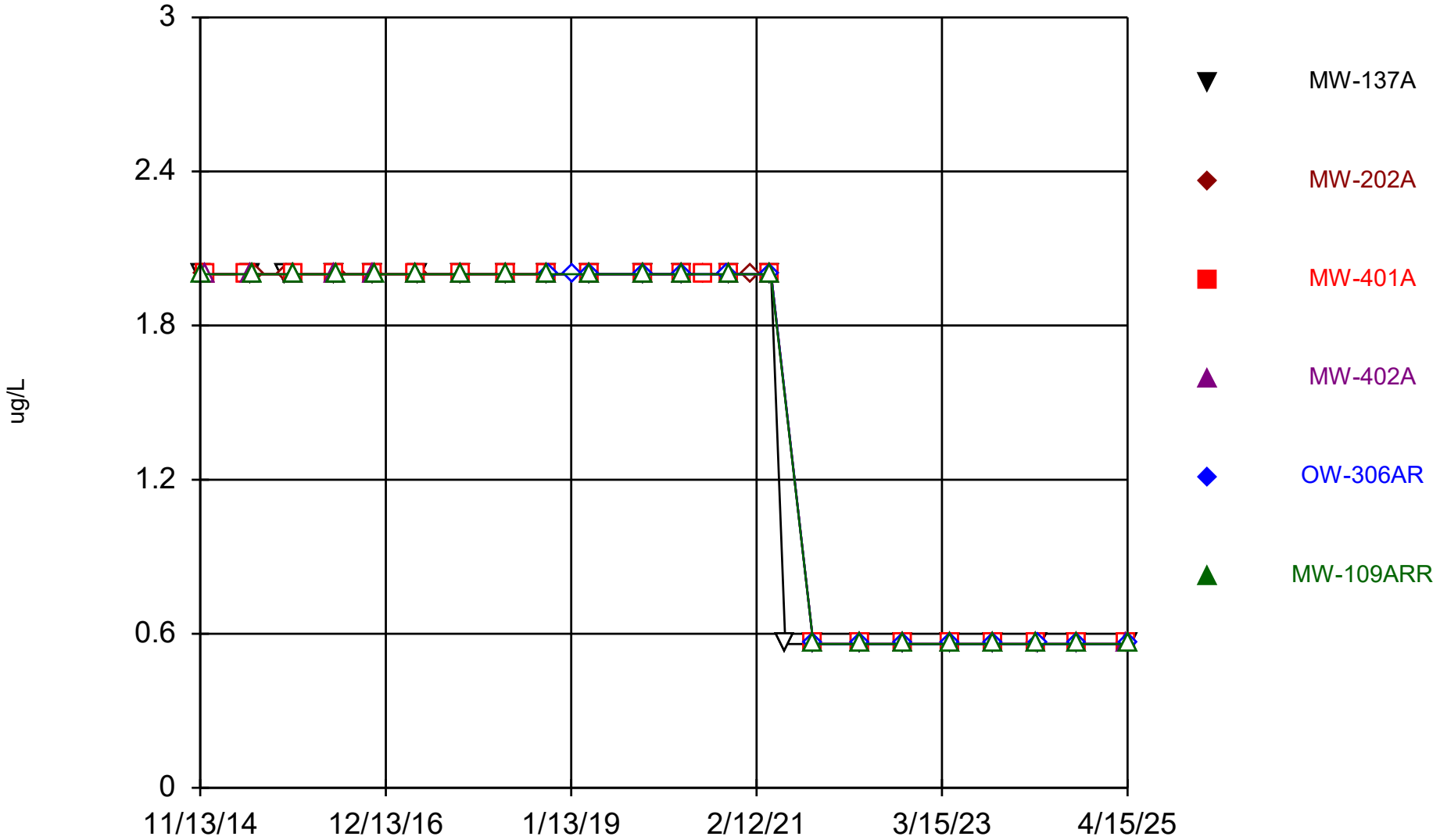

Constituent: 1,1-Dichloroethene Analysis Run 6/12/2025 2:09 PM View: All Wells - Appendix I VOCs
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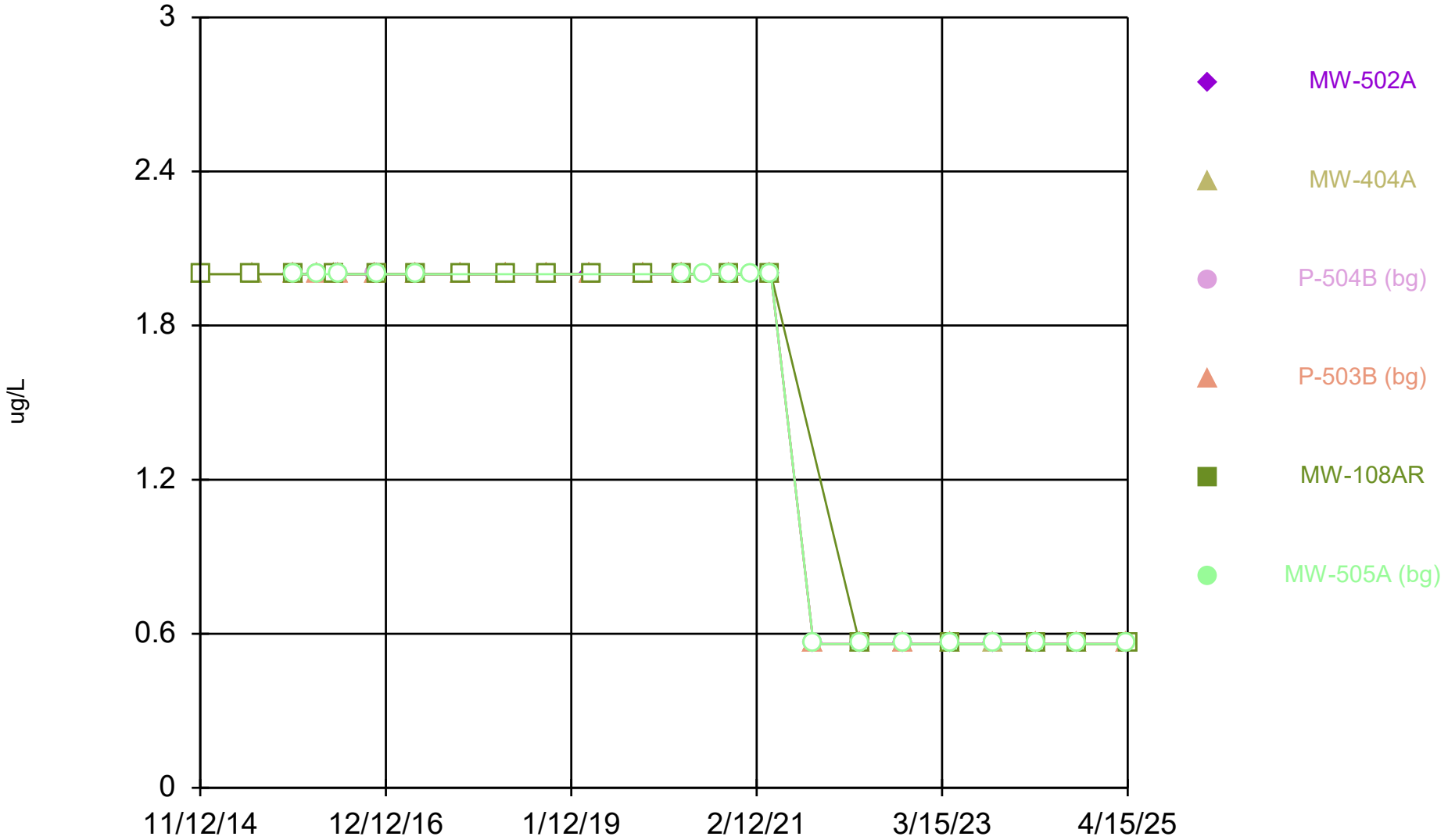

Constituent: 1,1-Dichloroethene Analysis Run 6/12/2025 2:09 PM View: All Wells - Appendix I VOCs
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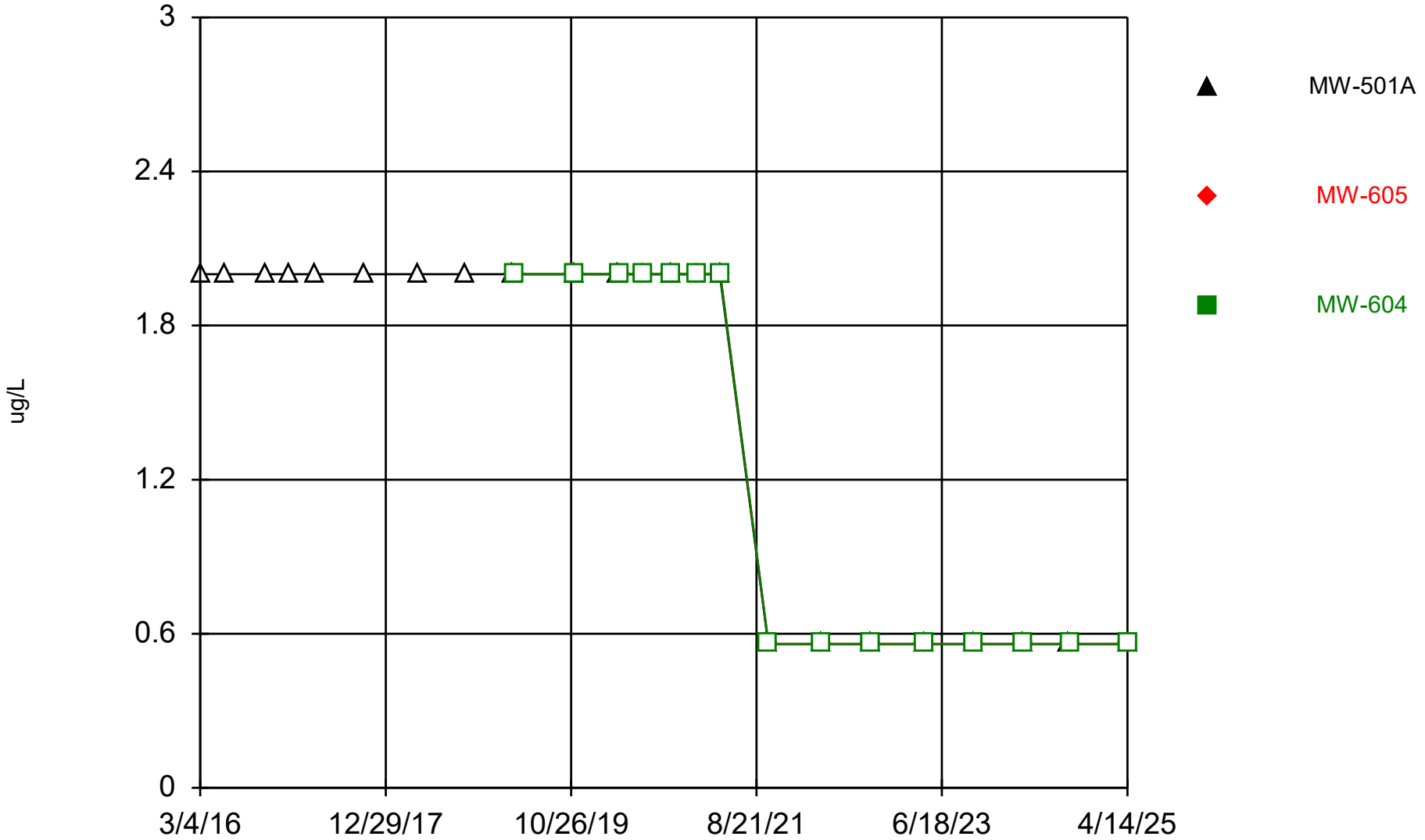

Constituent: 1,1-Dichloroethene Analysis Run 6/12/2025 2:09 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
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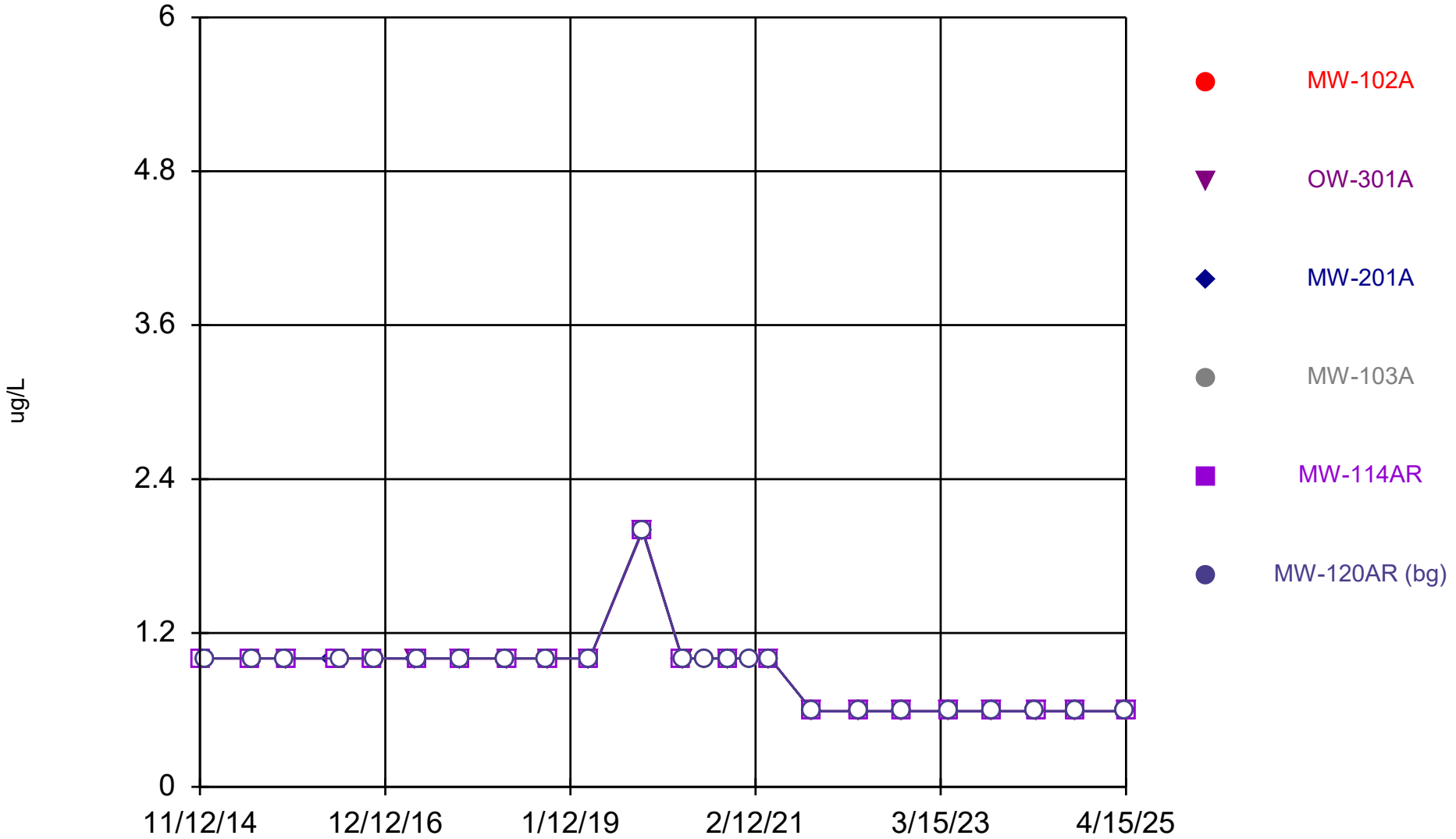

Constituent: 1,2,3-Trichloropropane Analysis Run 6/12/2025 2:09 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

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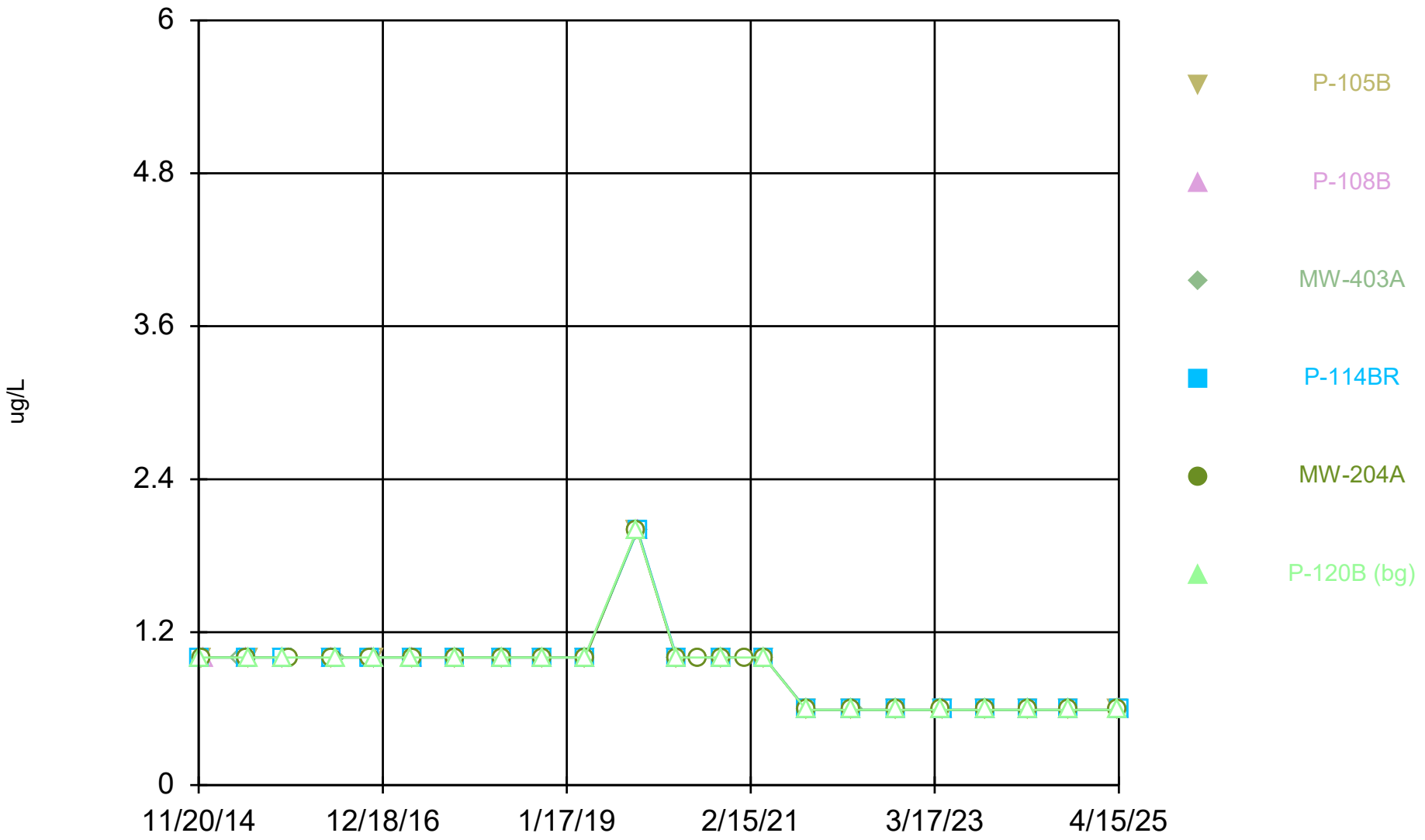

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DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

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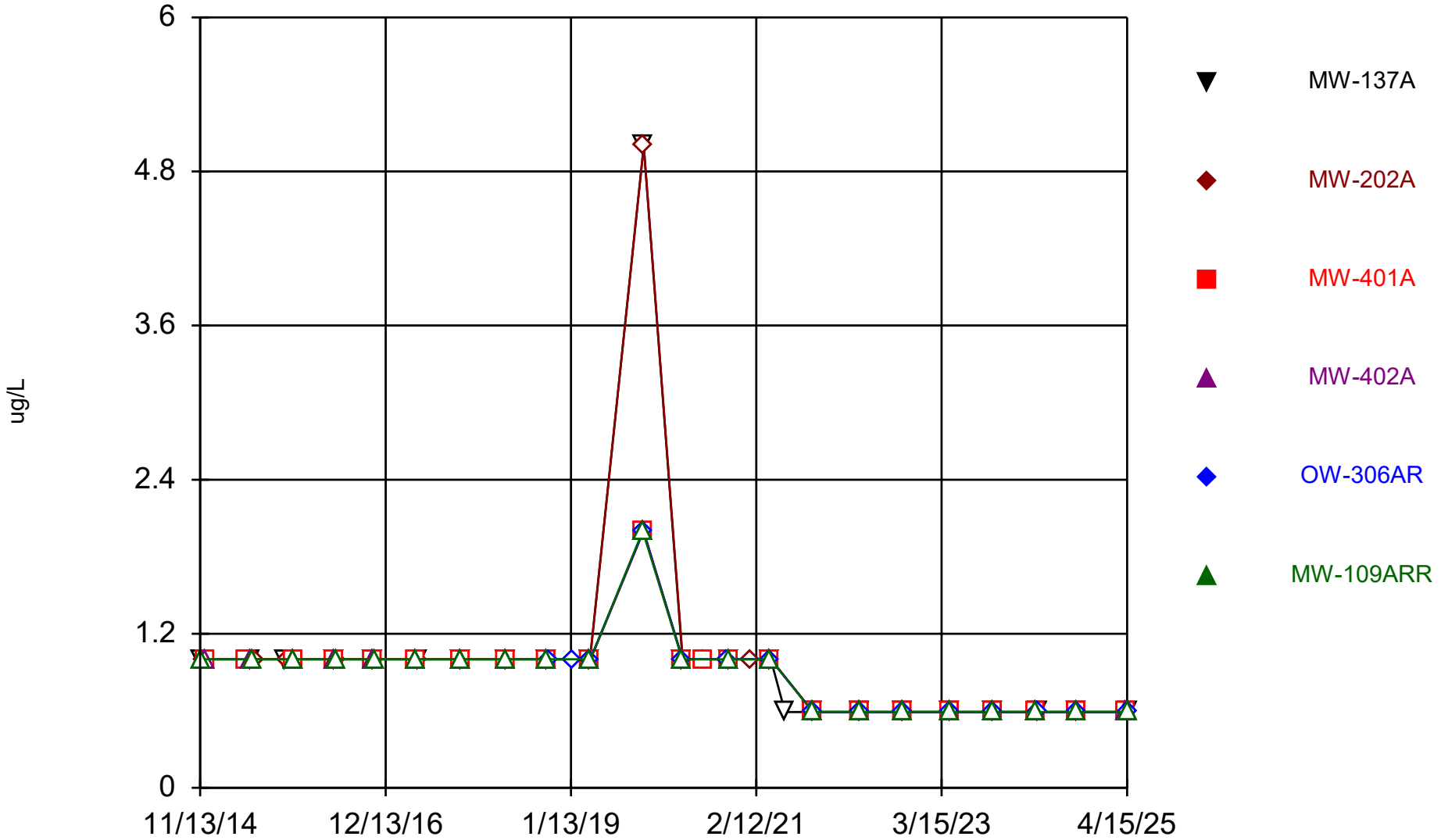

Constituent: 1,2,3-Trichloropropane Analysis Run 6/12/2025 2:09 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
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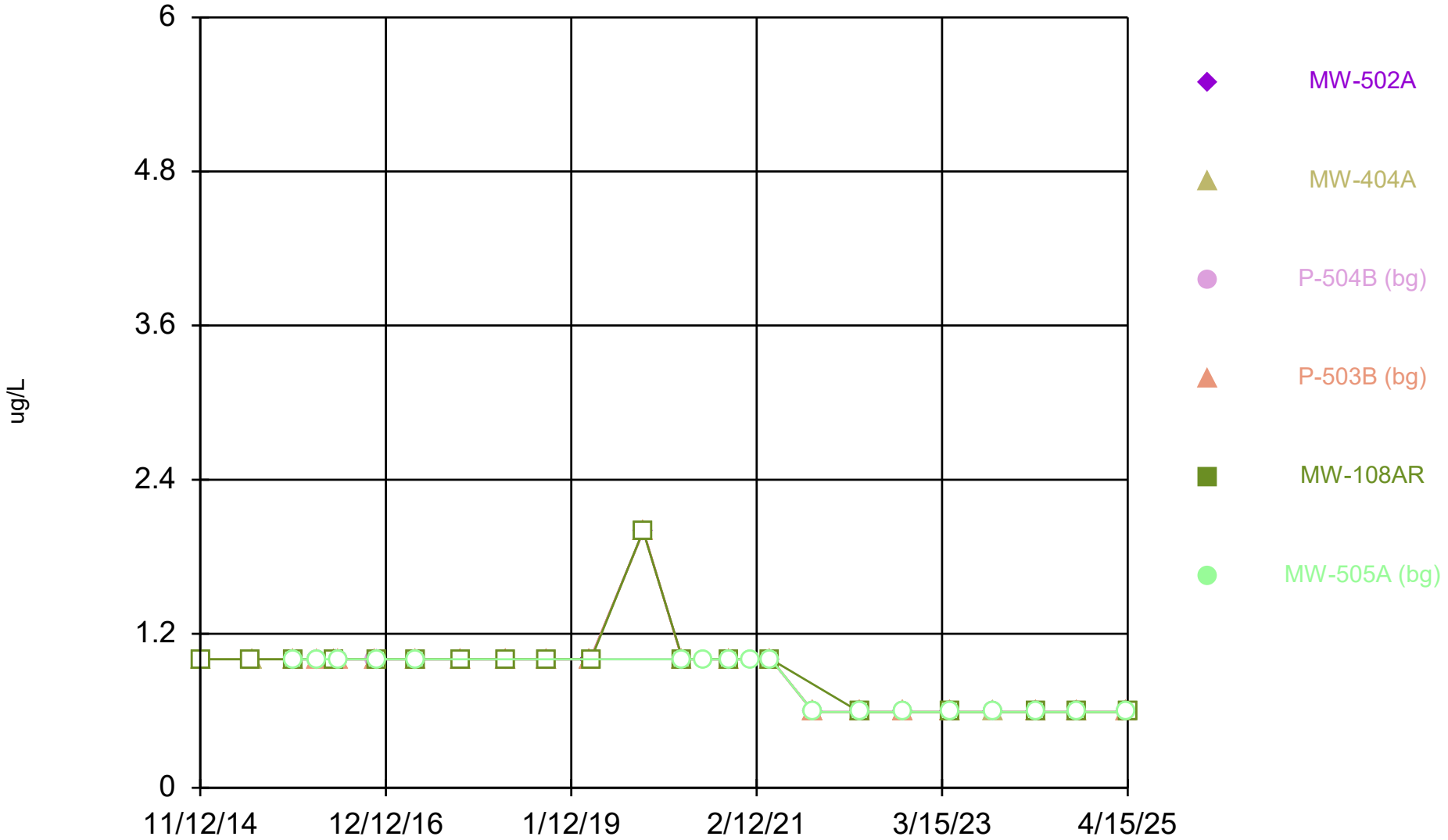

Constituent: 1,2,3-Trichloropropane Analysis Run 6/12/2025 2:09 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
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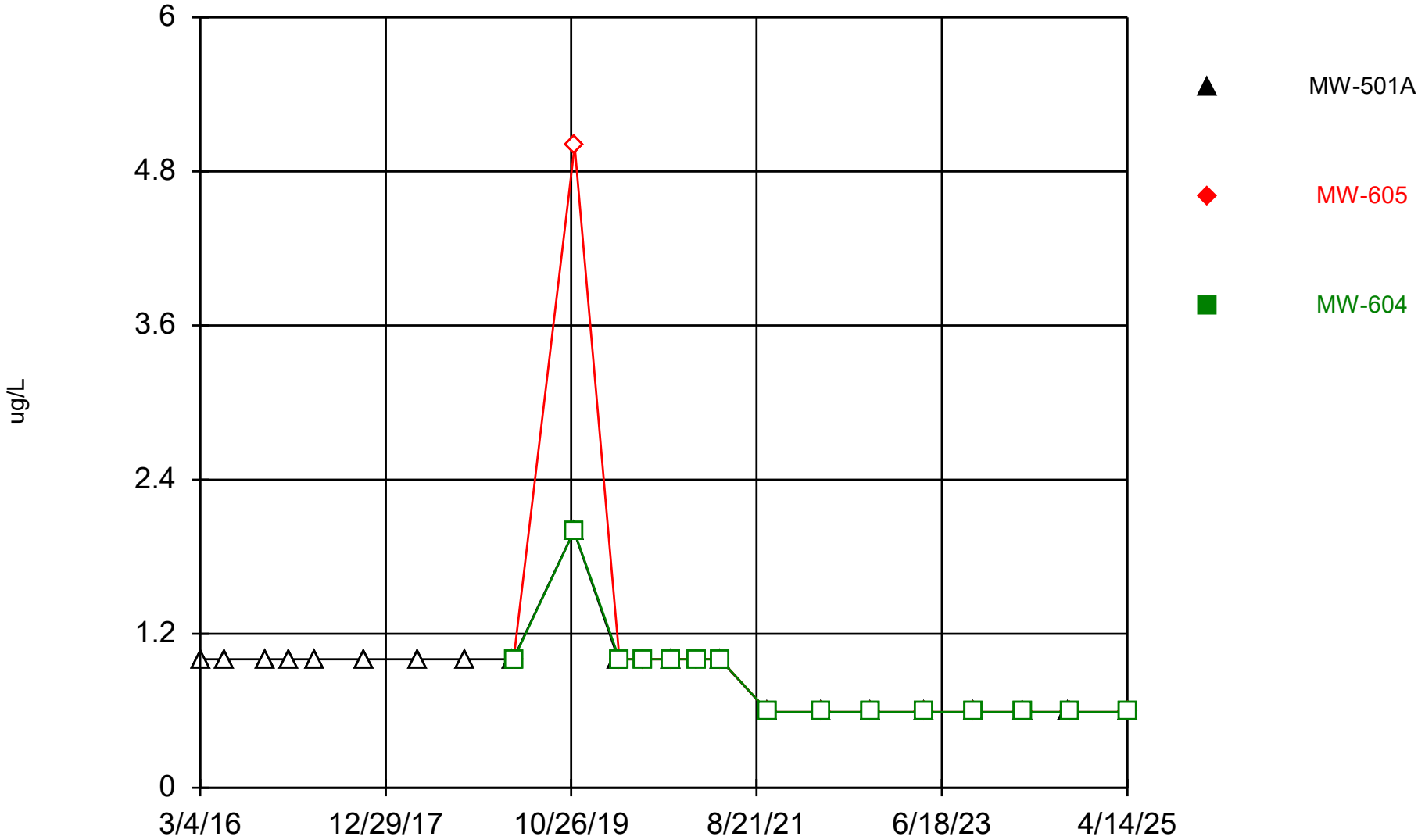
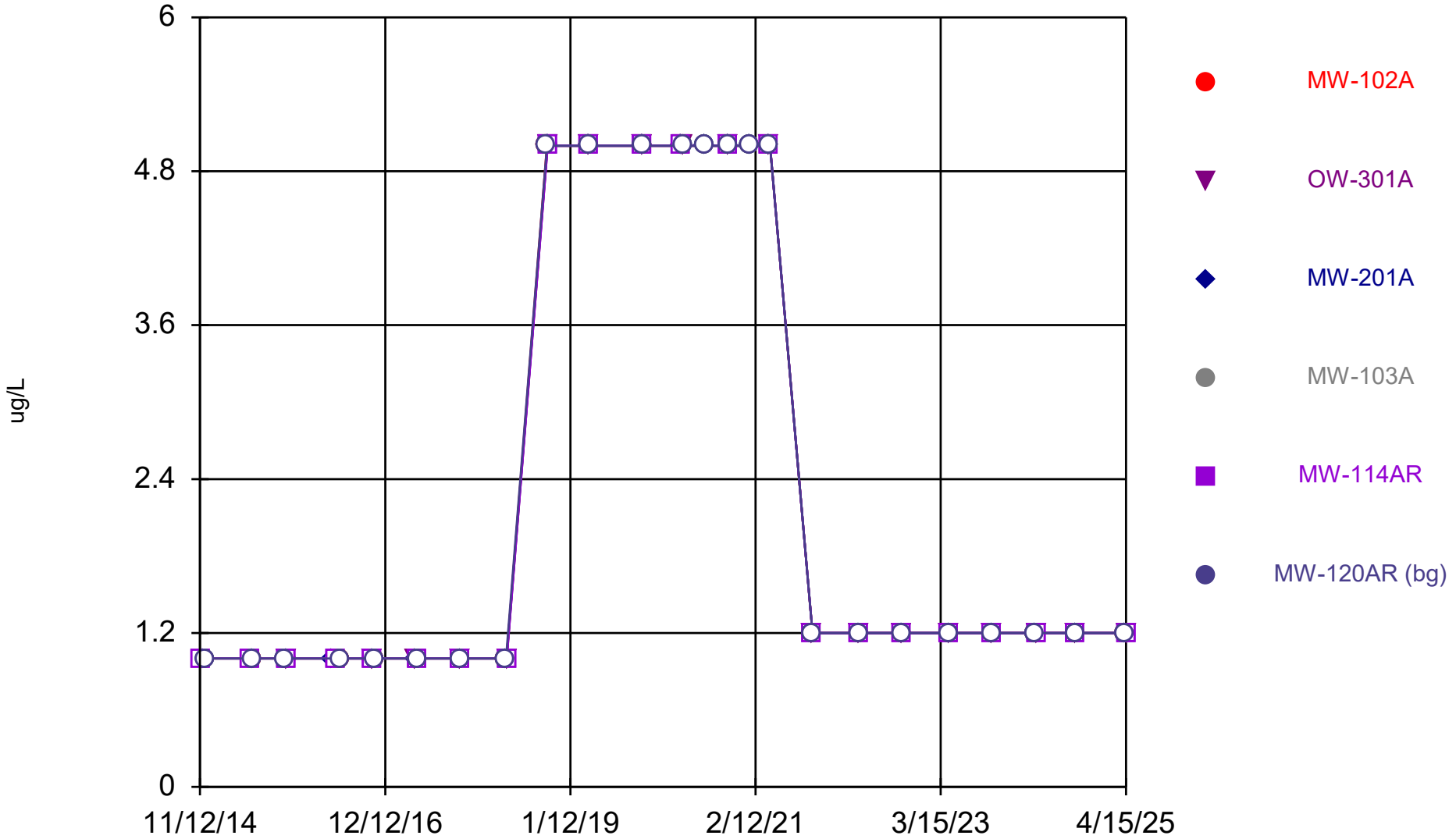


Constituent: 1,2,3-Trichloropropane Analysis Run 6/12/2025 2:09 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

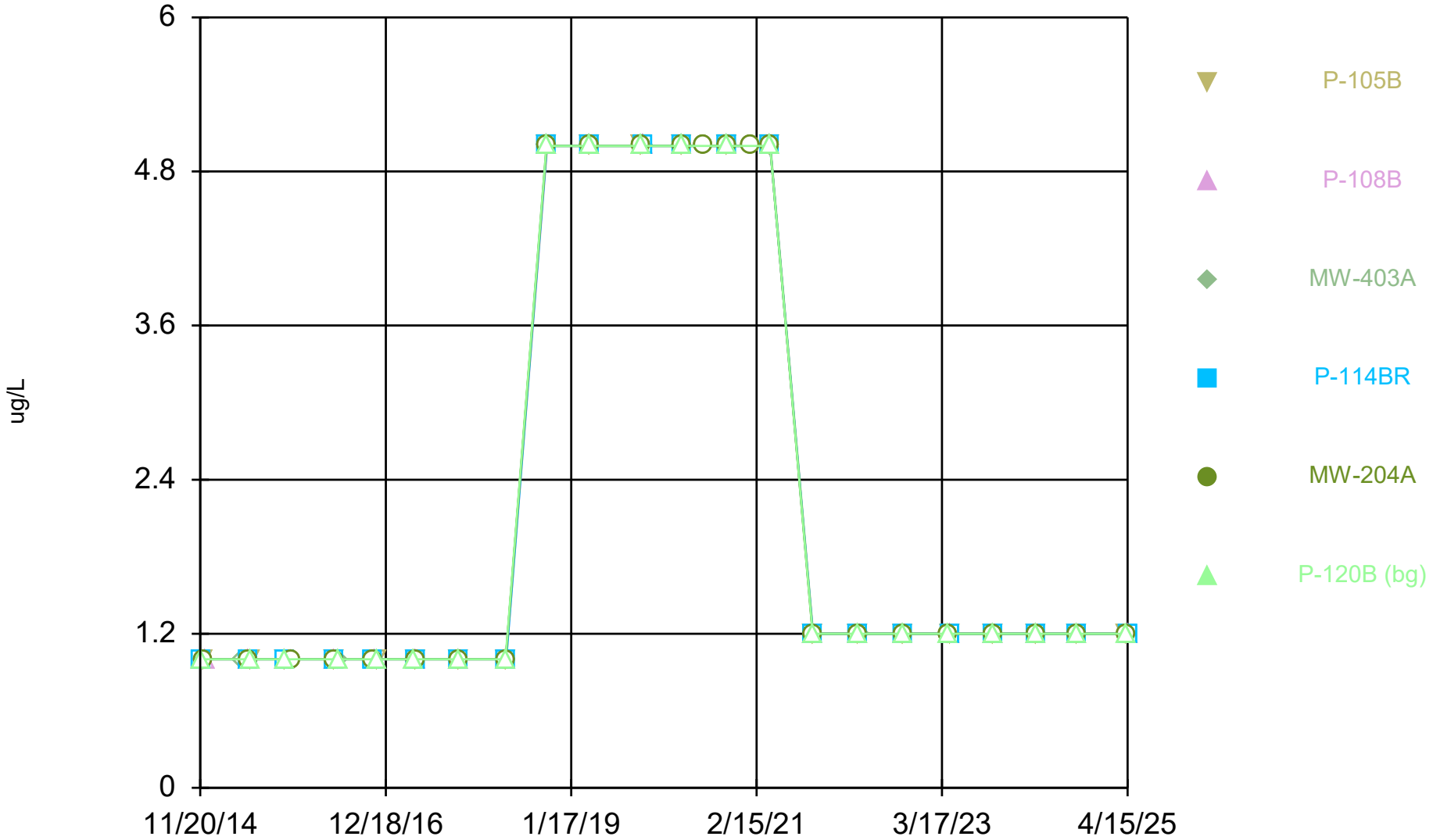
Time Series



Constituent: 1,2-Dibromo-3-chloropropane Analysis Run 6/12/2025 2:09 PM View: All Wells - Appendix I V DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

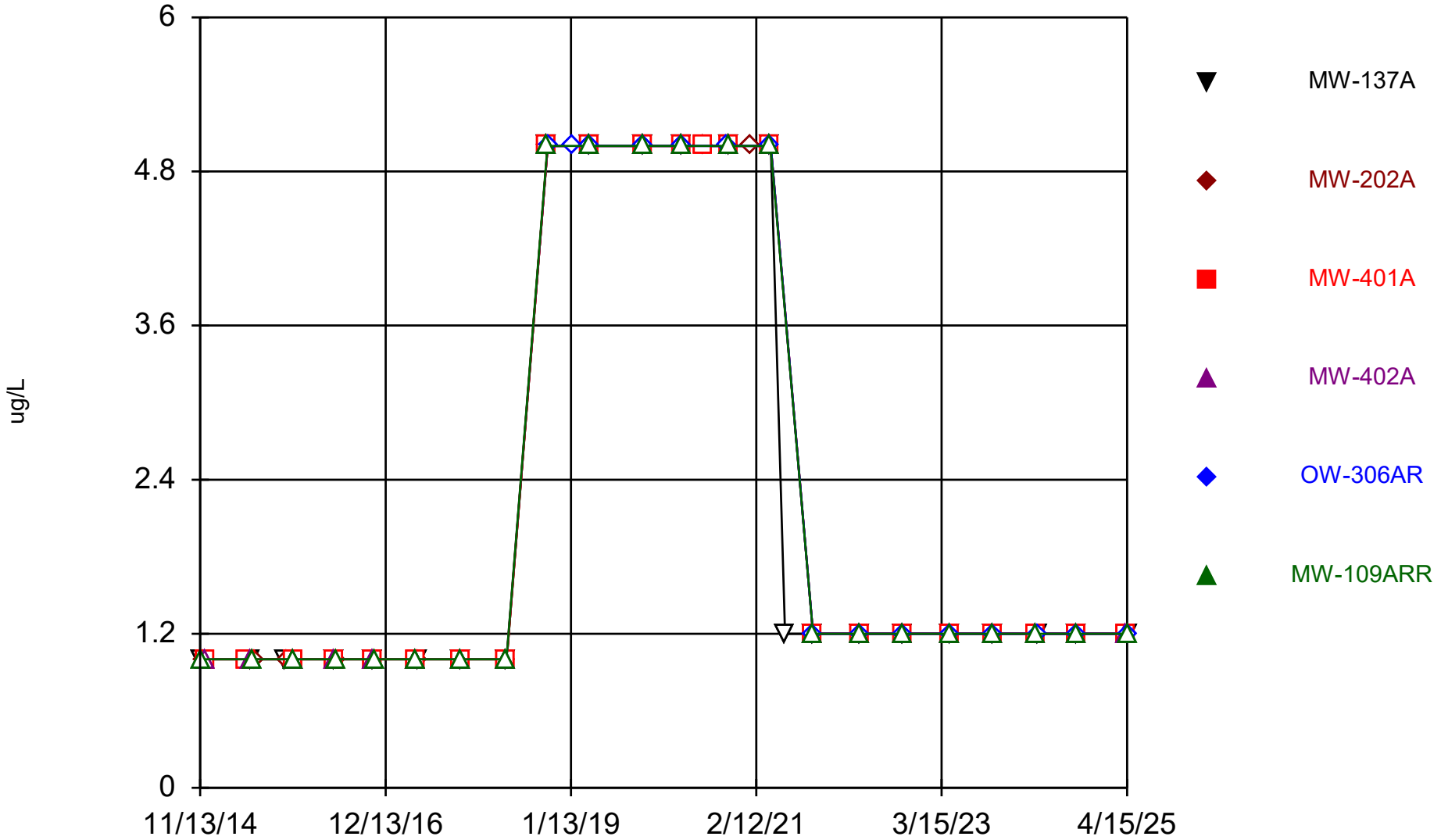
Time Series



Constituent: 1,2-Dibromo-3-chloropropane Analysis Run 6/12/2025 2:09 PM View: All Wells - Appendix I V DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

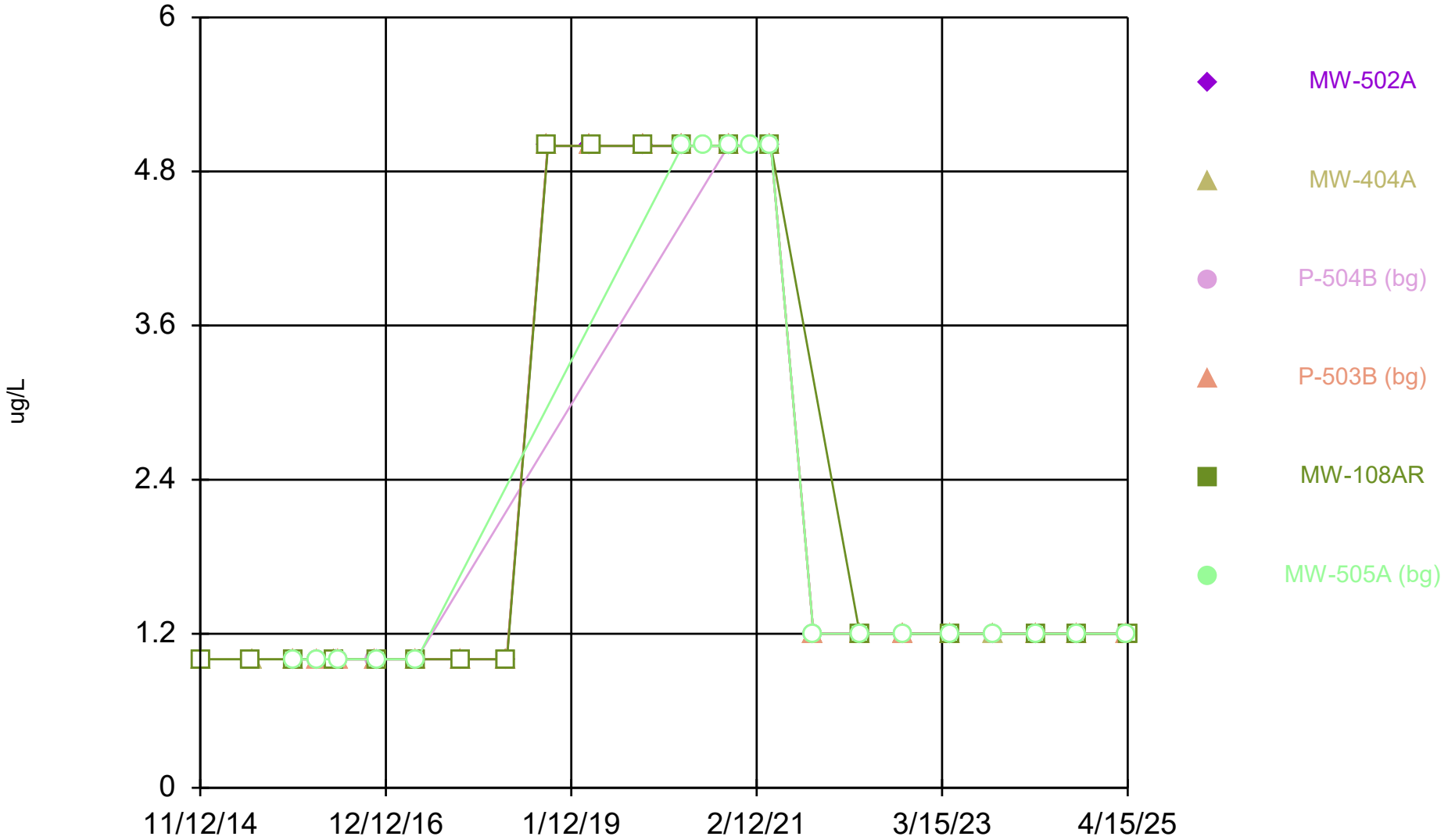
Time Series



Constituent: 1,2-Dibromo-3-chloropropane Analysis Run 6/12/2025 2:09 PM View: All Wells - Appendix I V DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

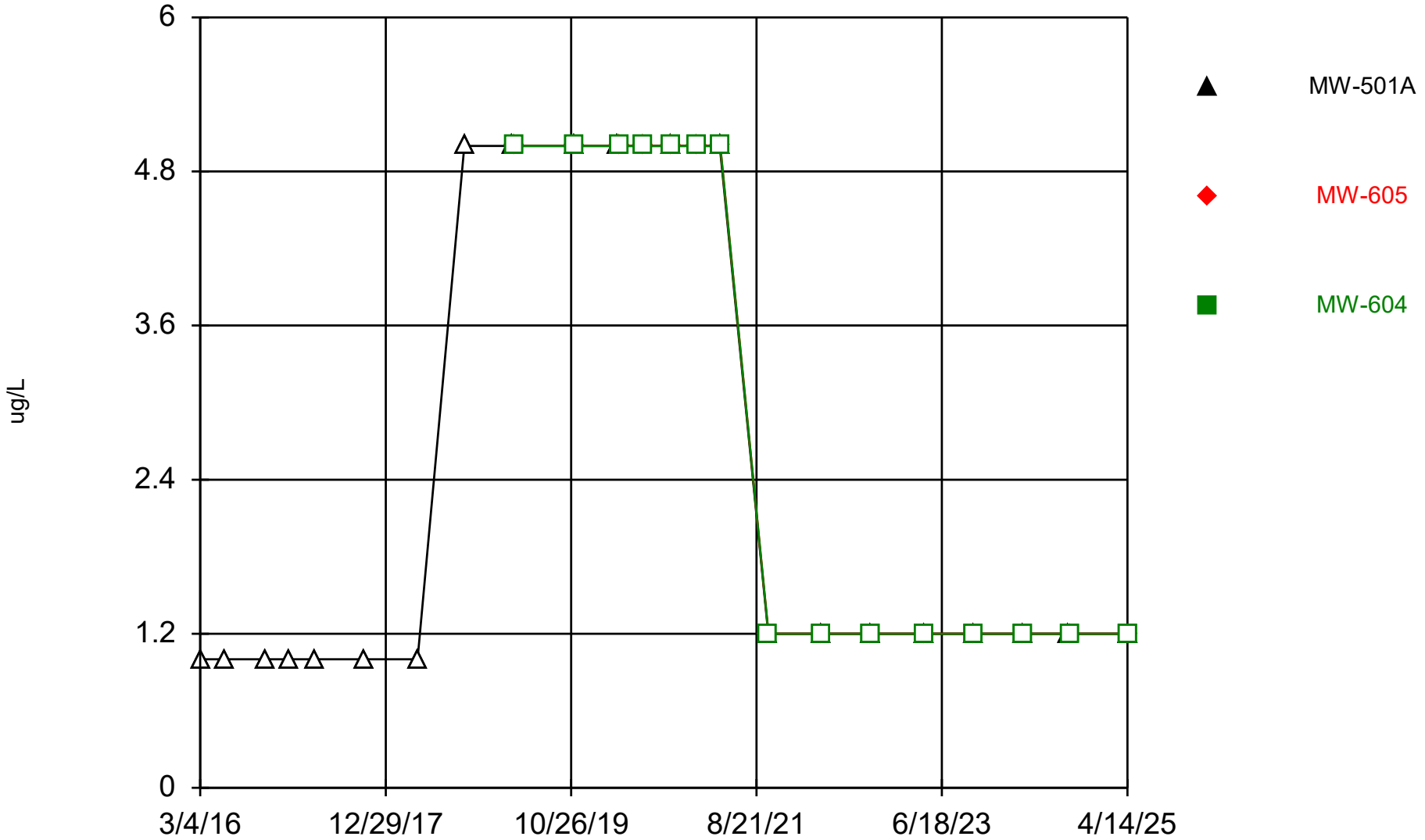
Time Series



Constituent: 1,2-Dibromo-3-chloropropane Analysis Run 6/12/2025 2:09 PM View: All Wells - Appendix I V DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

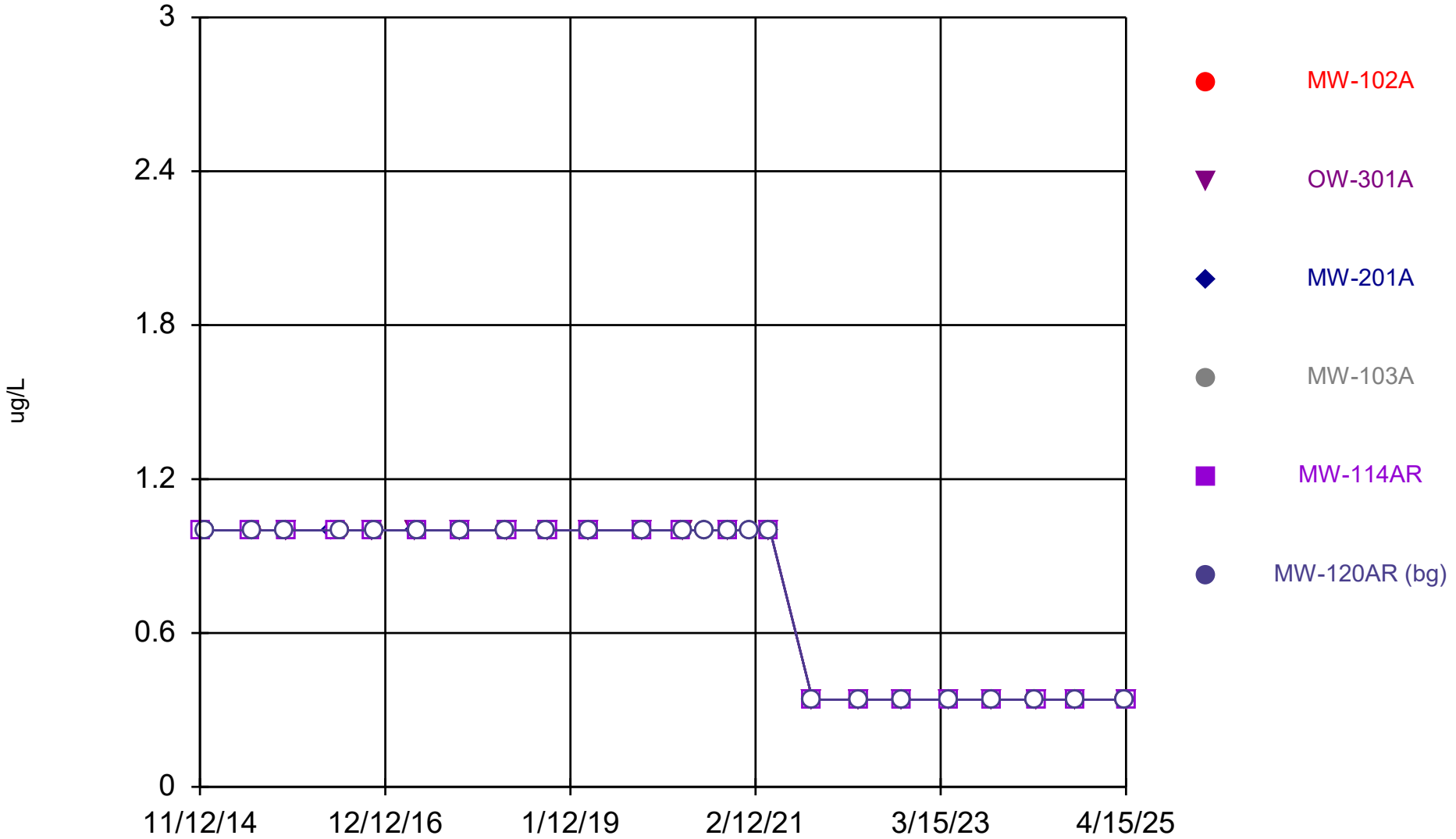
Time Series



Constituent: 1,2-Dibromo-3-chloropropane Analysis Run 6/12/2025 2:09 PM View: All Wells - Appendix I V DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

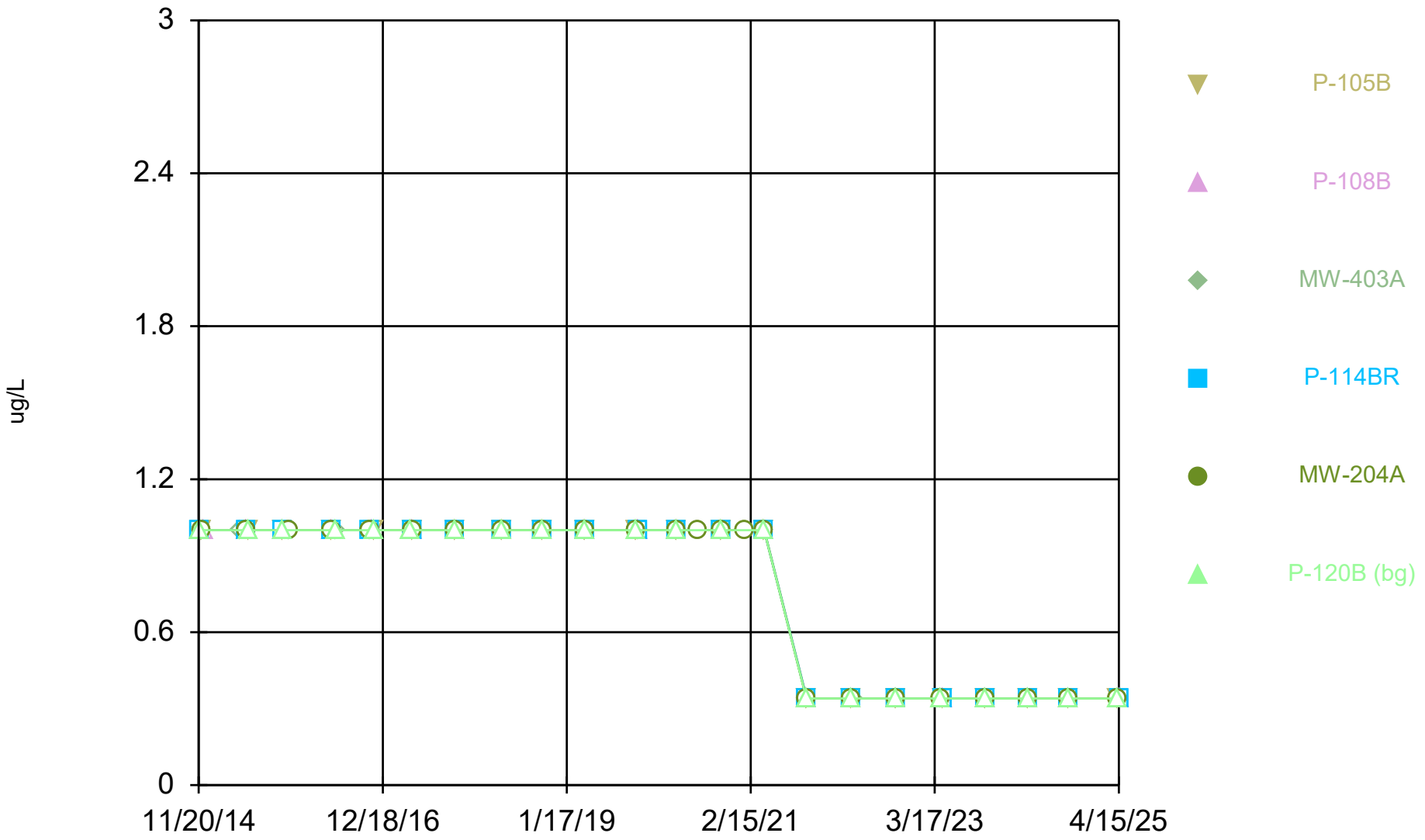
Time Series



Constituent: 1,2-Dibromoethane [EDB] Analysis Run 6/12/2025 2:09 PM View: All Wells - Appendix I VOC DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

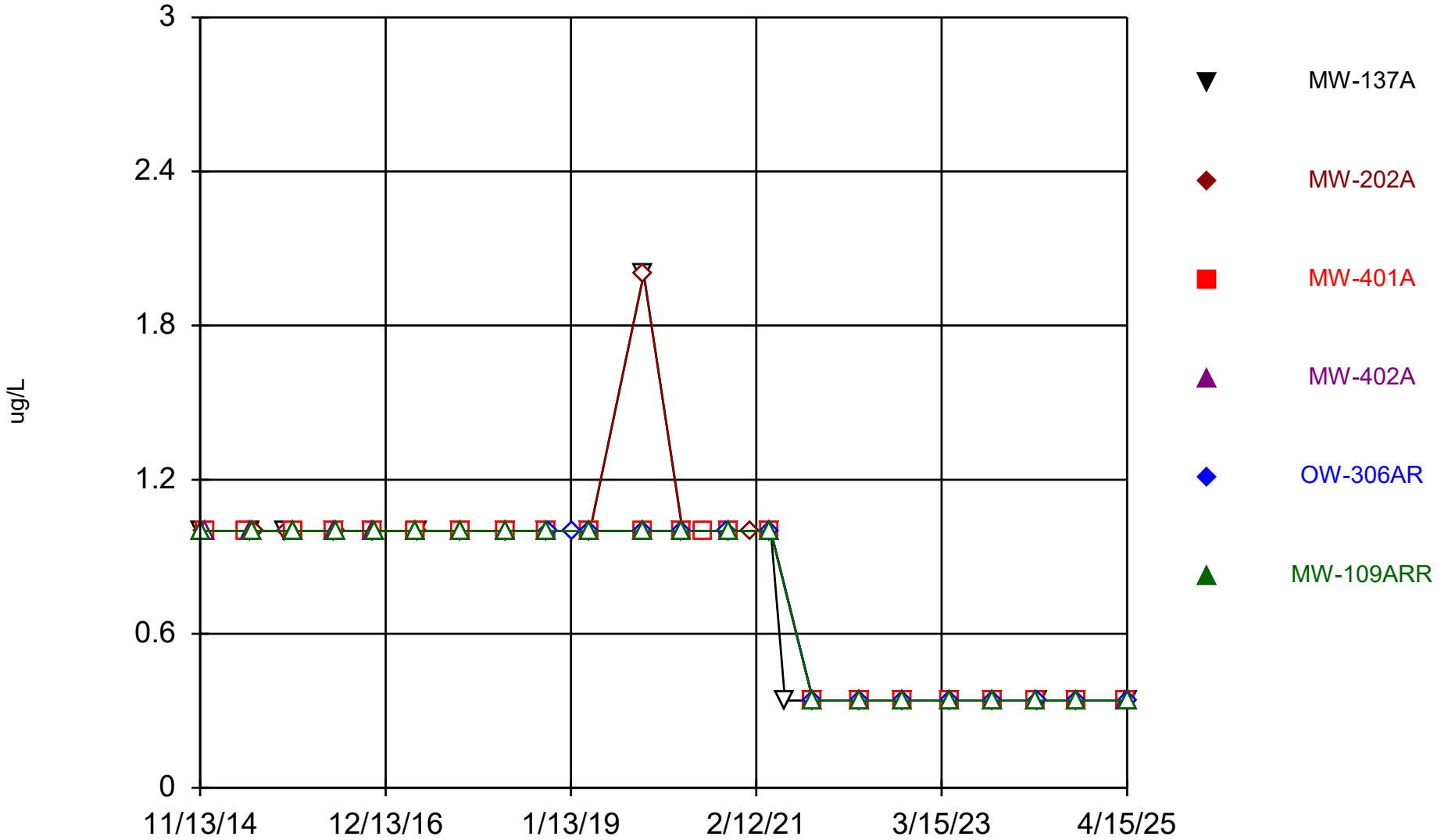
Time Series



Constituent: 1,2-Dibromoethane [EDB] Analysis Run 6/12/2025 2:09 PM View: All Wells - Appendix I VOC DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

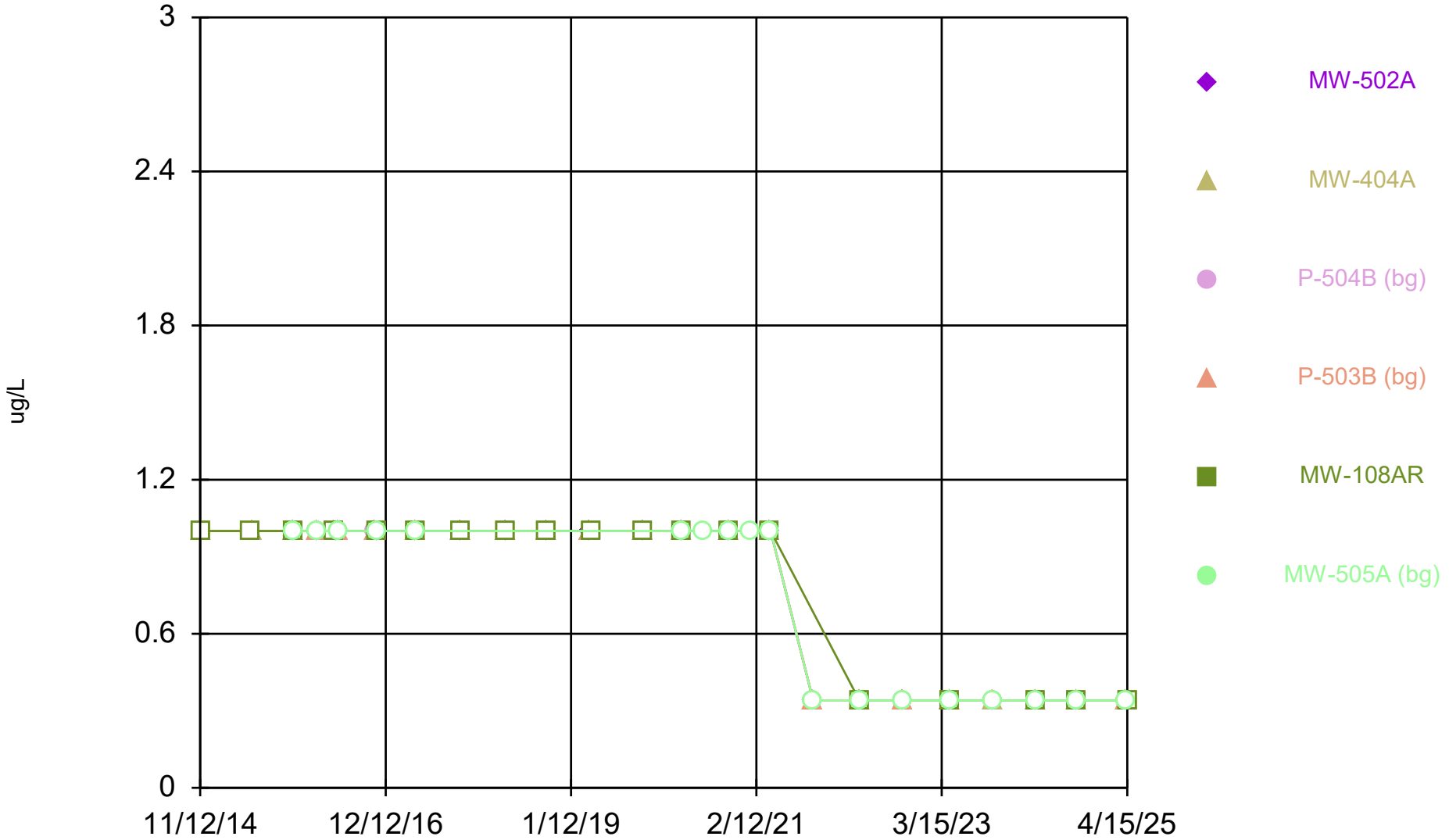
Time Series



Constituent: 1,2-Dibromoethane [EDB] Analysis Run 6/12/2025 2:09 PM View: All Wells - Appendix I VOC DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

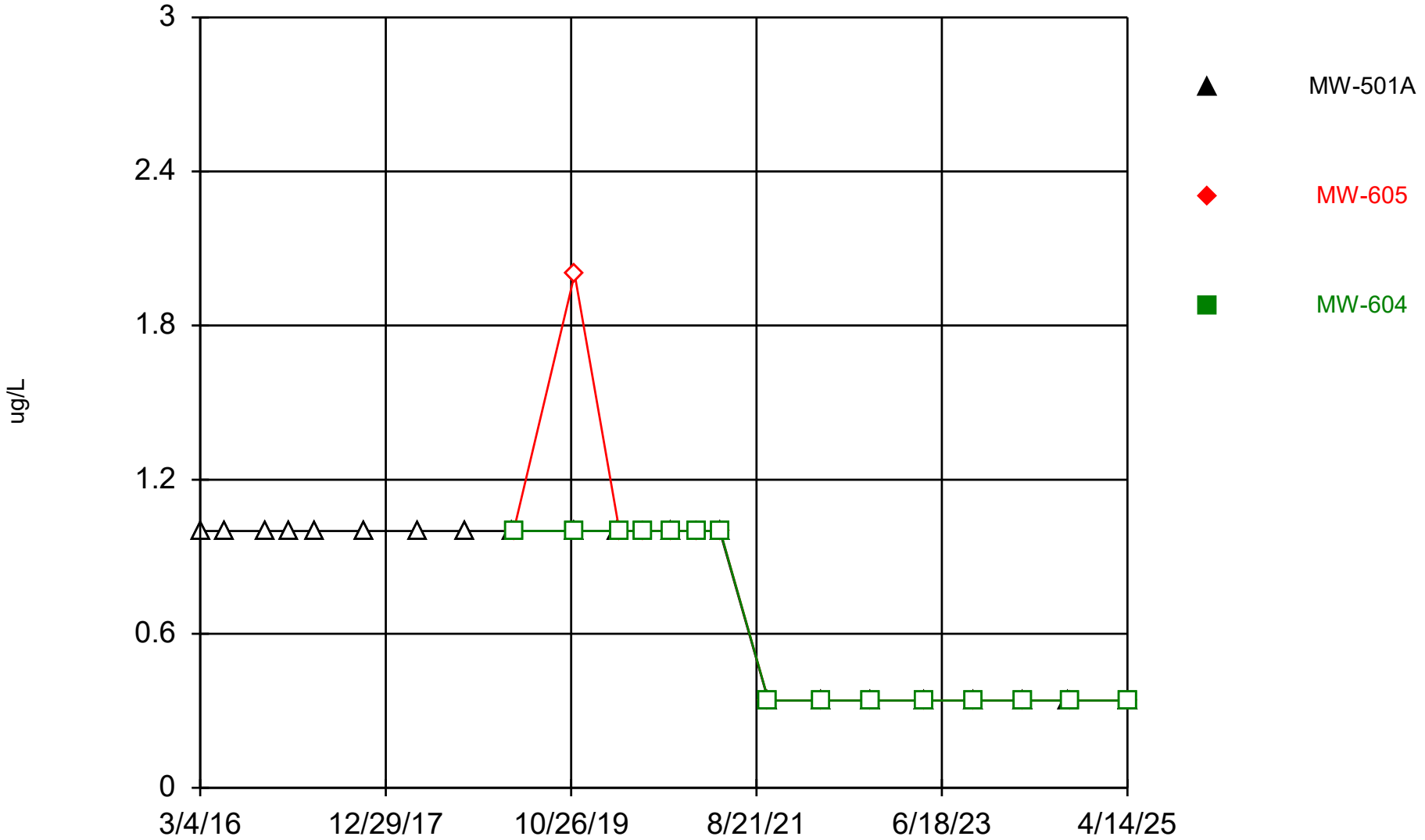
Time Series



Constituent: 1,2-Dibromoethane [EDB] Analysis Run 6/12/2025 2:09 PM View: All Wells - Appendix I VOC DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

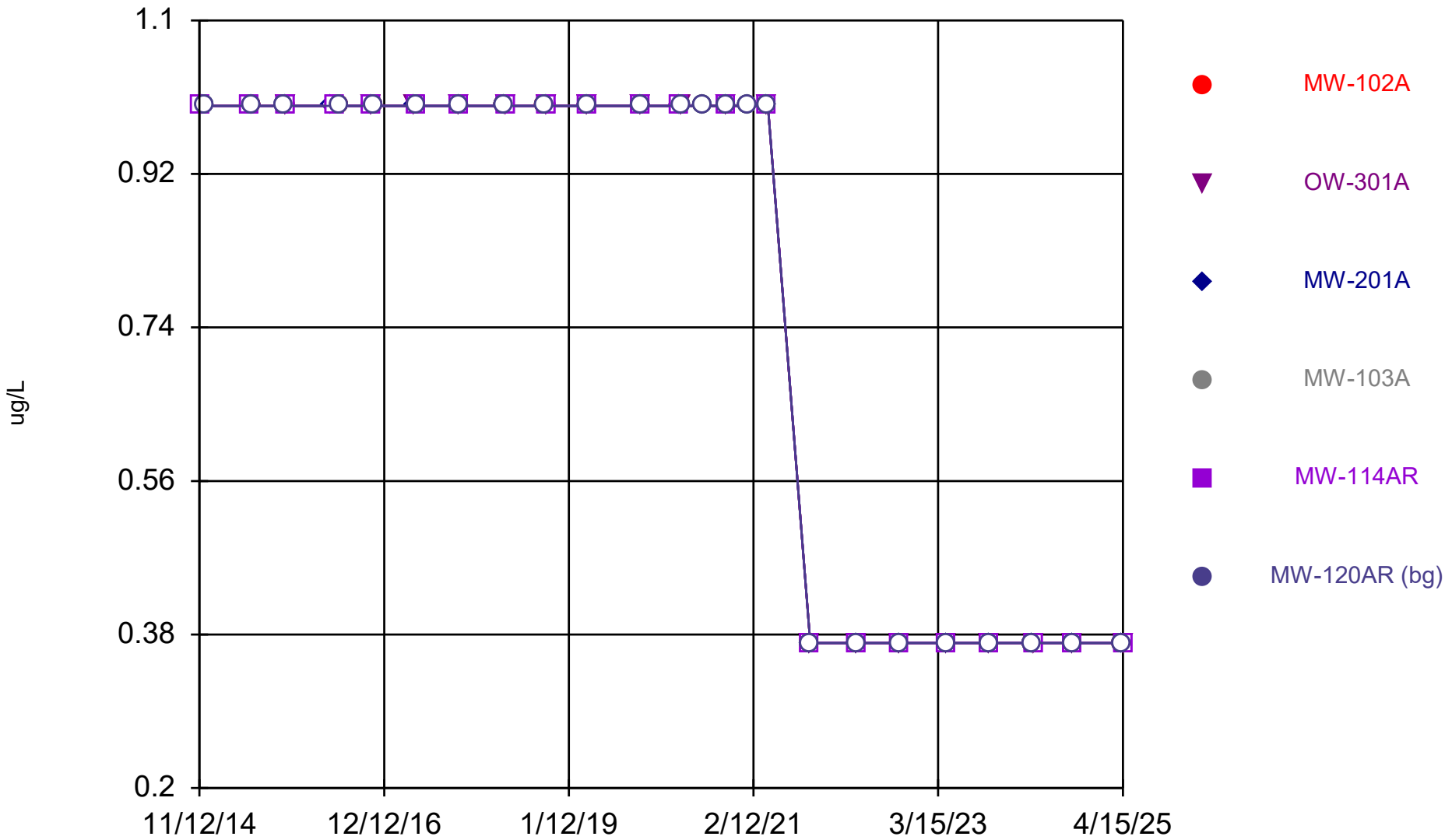
Time Series



Constituent: 1,2-Dibromoethane [EDB] Analysis Run 6/12/2025 2:09 PM View: All Wells - Appendix I VOC DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

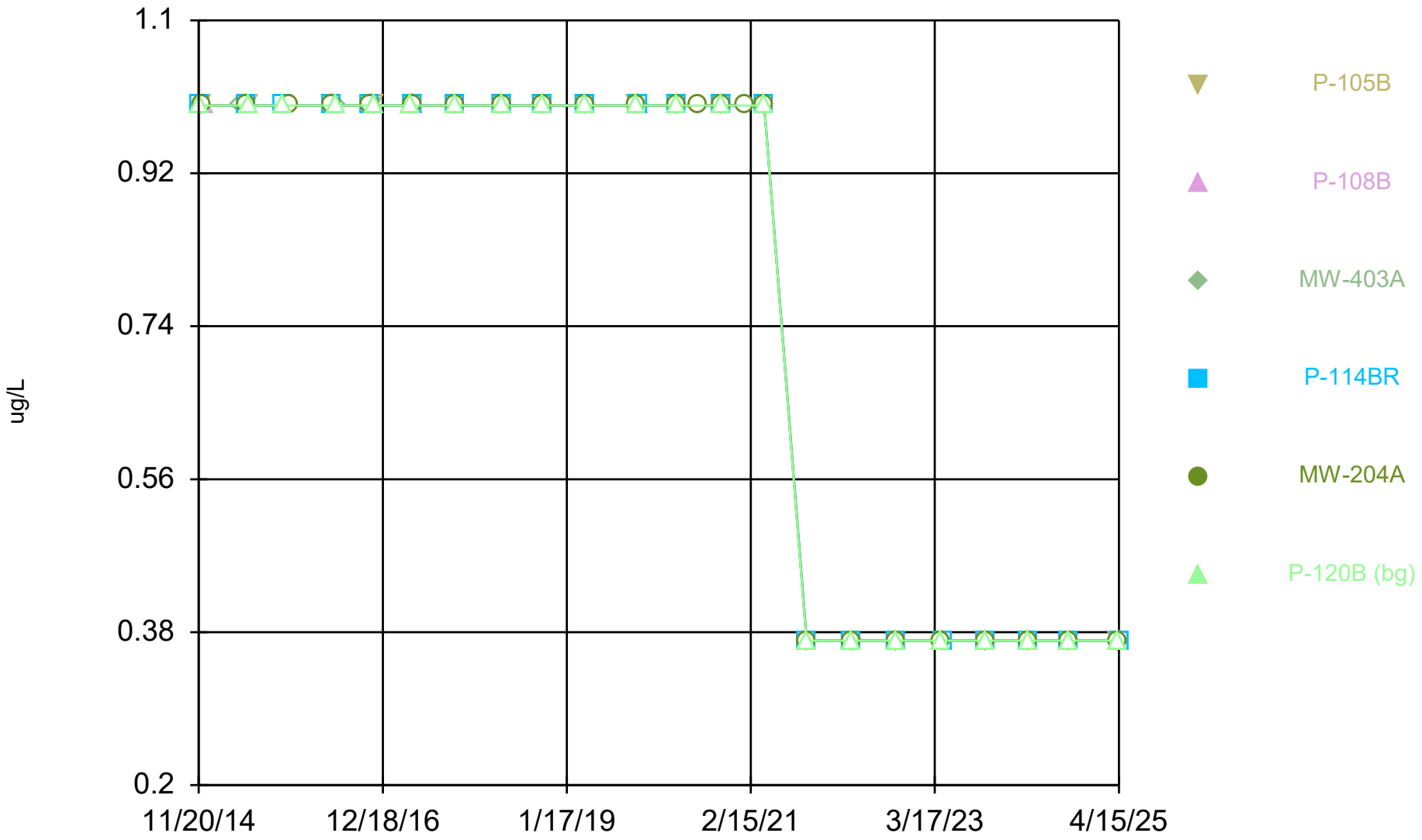
Time Series



Constituent: 1,2-Dichlorobenzene Analysis Run 6/12/2025 2:09 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

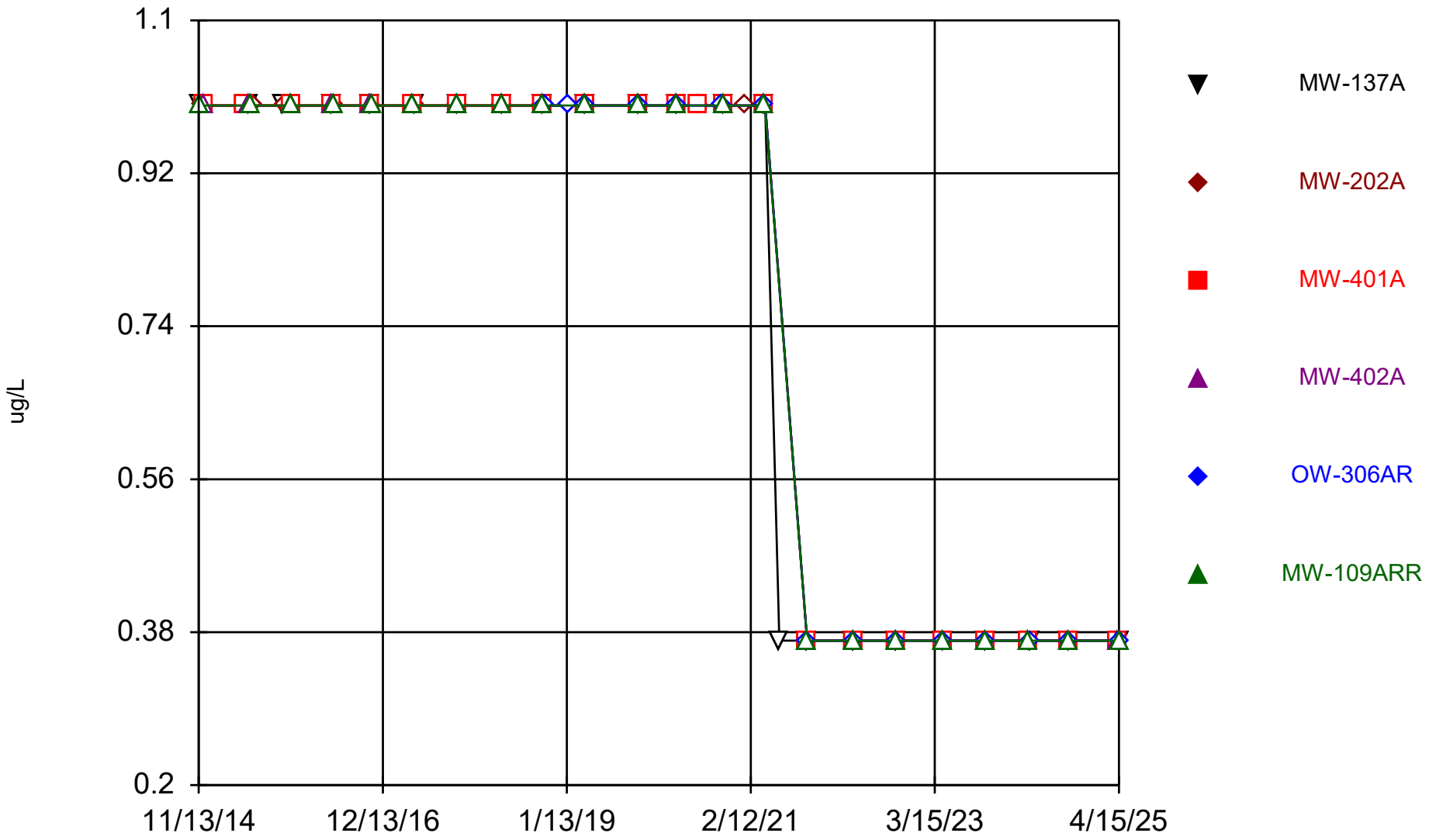
Time Series



Constituent: 1,2-Dichlorobenzene Analysis Run 6/12/2025 2:09 PM View: All Wells - Appendix I VOCs DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

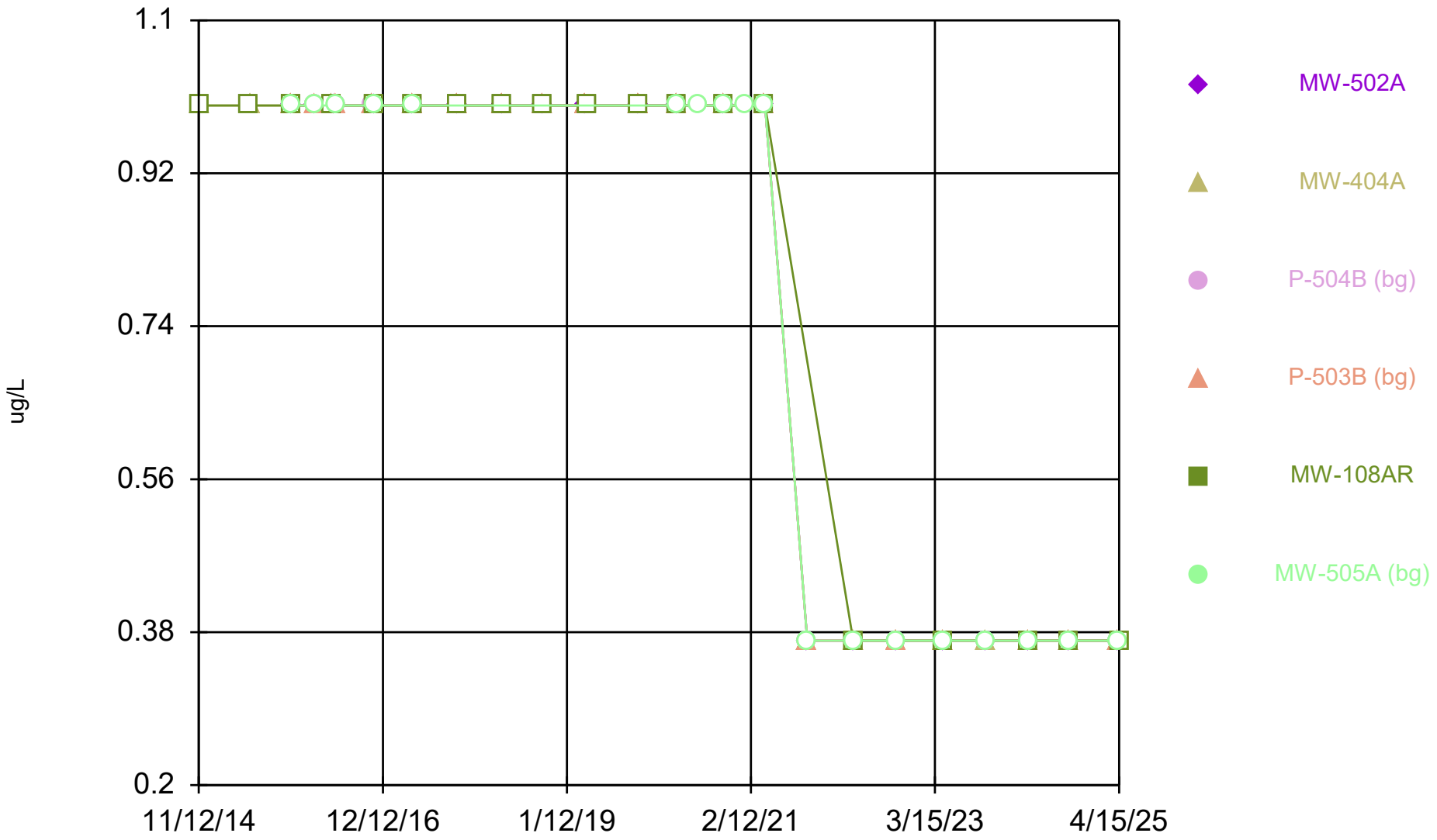


Constituent: 1,2-Dichlorobenzene Analysis Run 6/12/2025 2:09 PM View: All Wells - Appendix I VOCs

DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

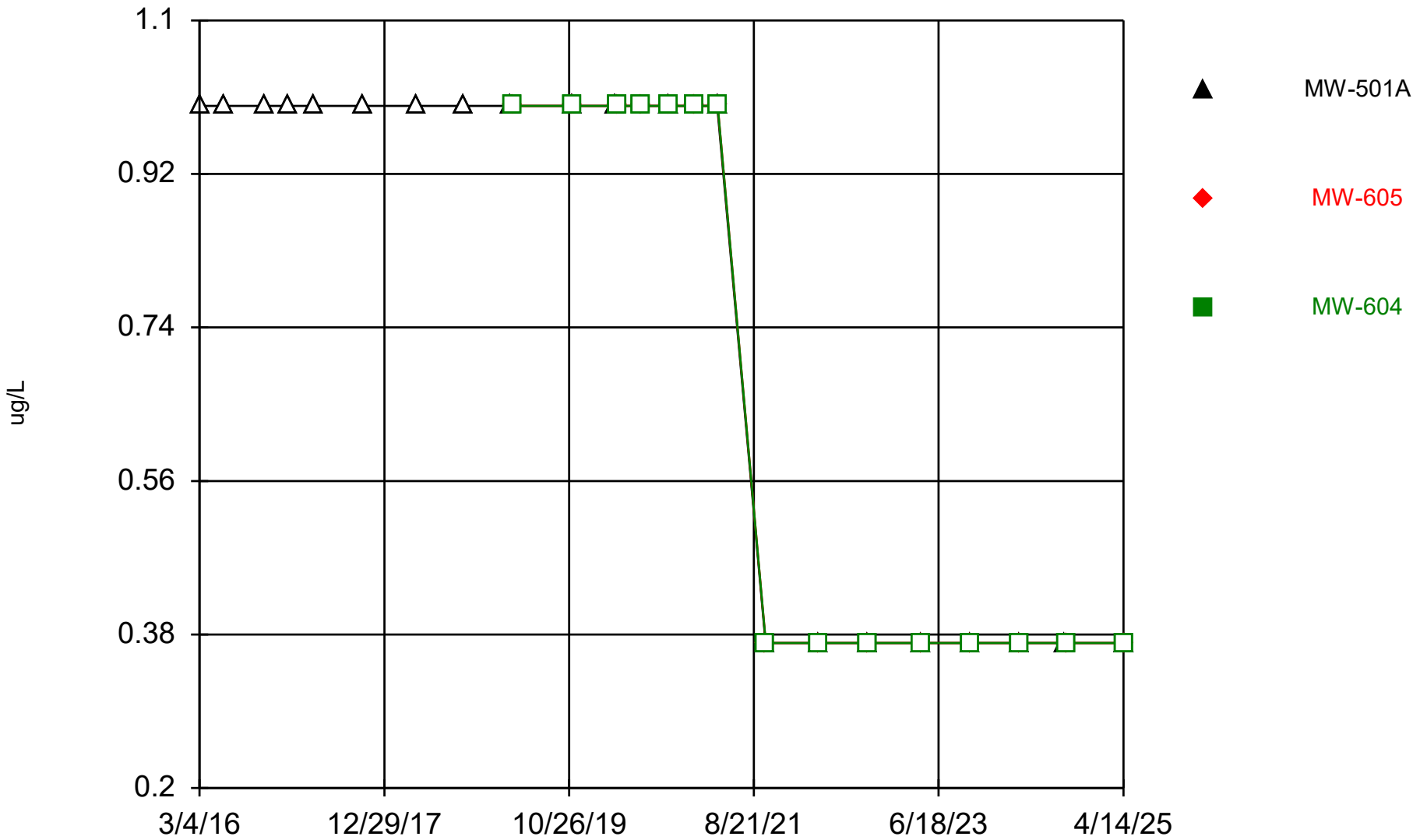
Time Series



Constituent: 1,2-Dichlorobenzene Analysis Run 6/12/2025 2:09 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

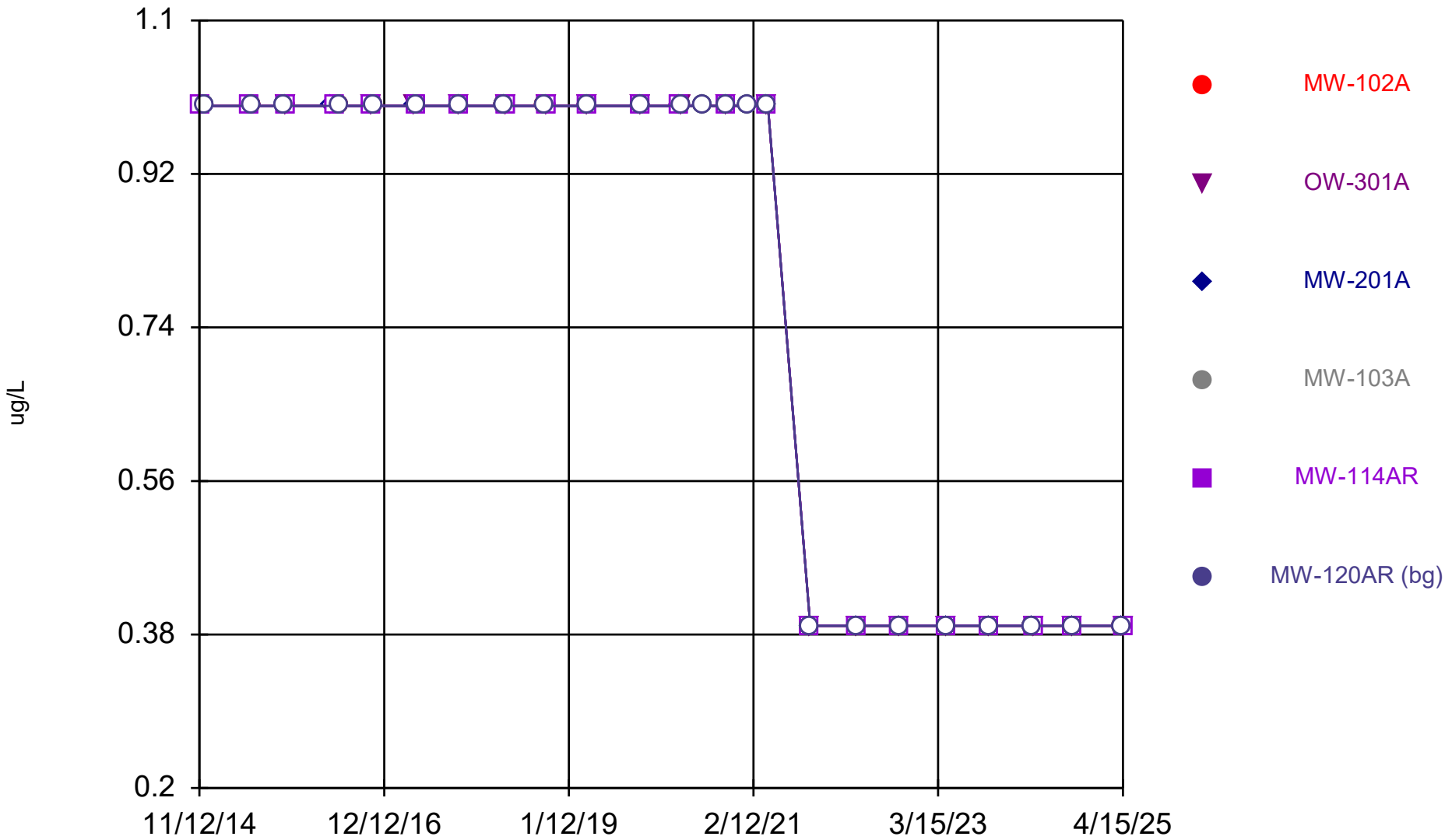
Time Series



Constituent: 1,2-Dichlorobenzene Analysis Run 6/12/2025 2:09 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

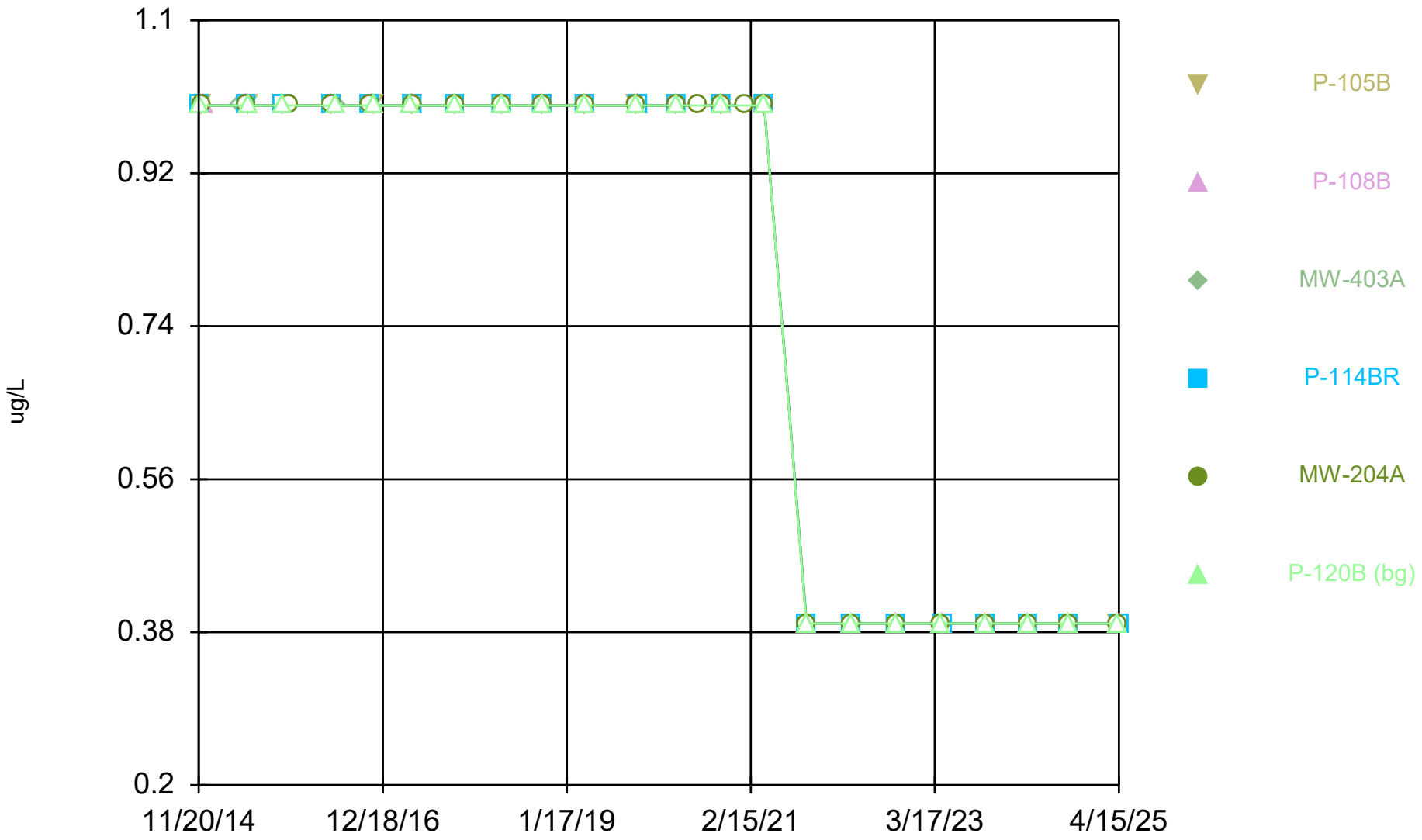
Time Series



Constituent: 1,2-Dichloroethane Analysis Run 6/12/2025 2:09 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

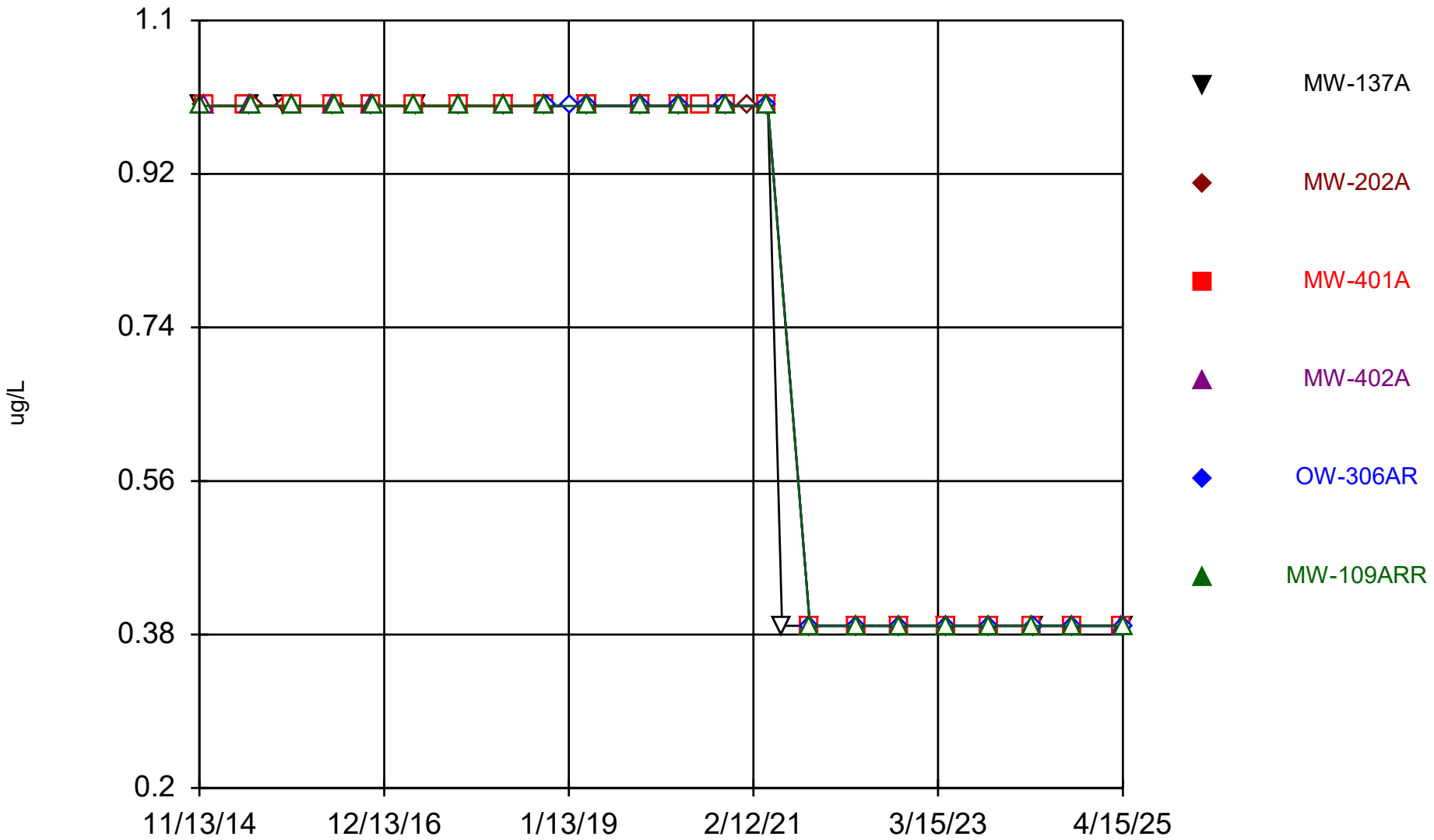
Time Series



Constituent: 1,2-Dichloroethane Analysis Run 6/12/2025 2:09 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

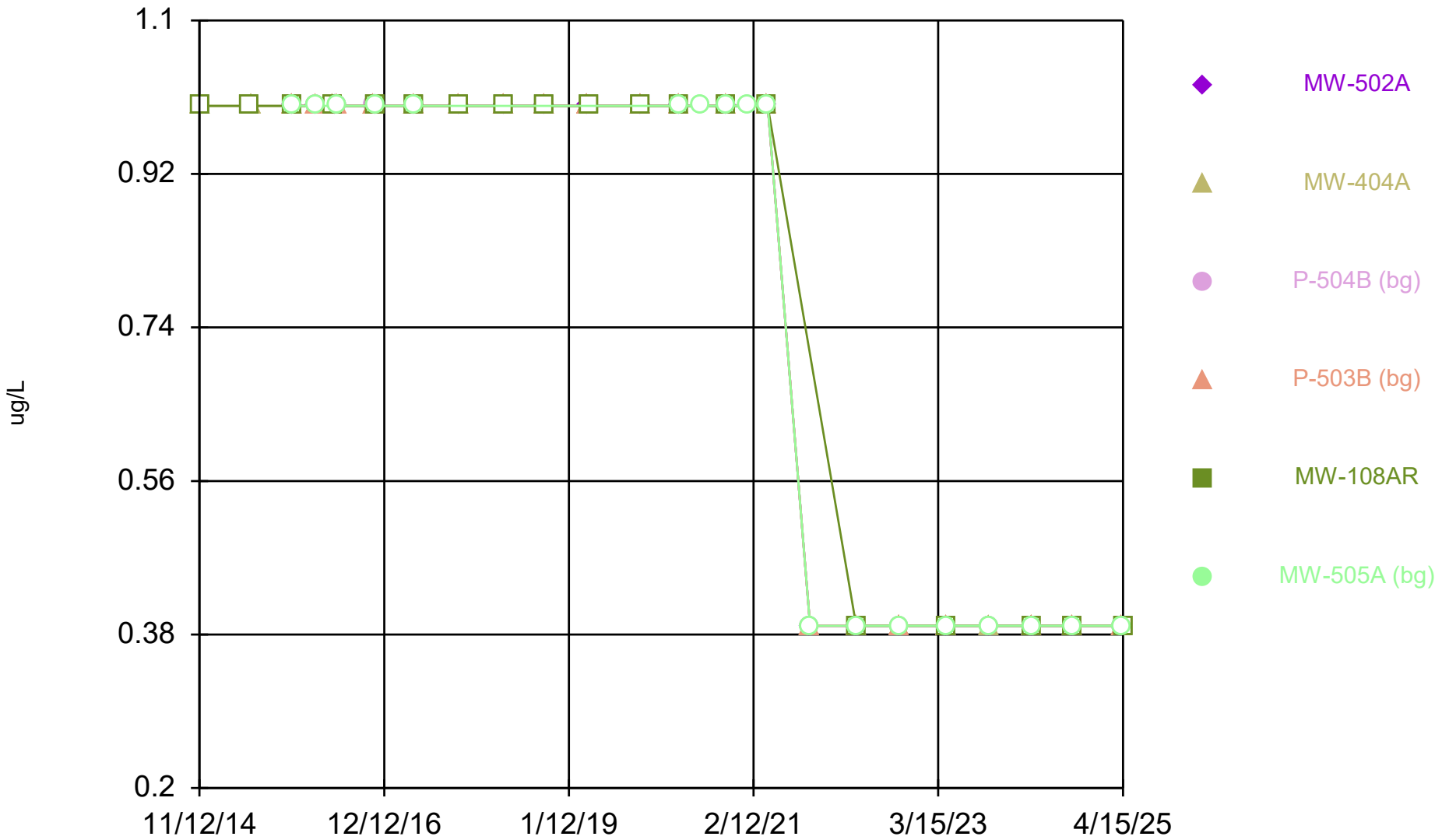


Constituent: 1,2-Dichloroethane Analysis Run 6/12/2025 2:09 PM View: All Wells - Appendix I VOCs

DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

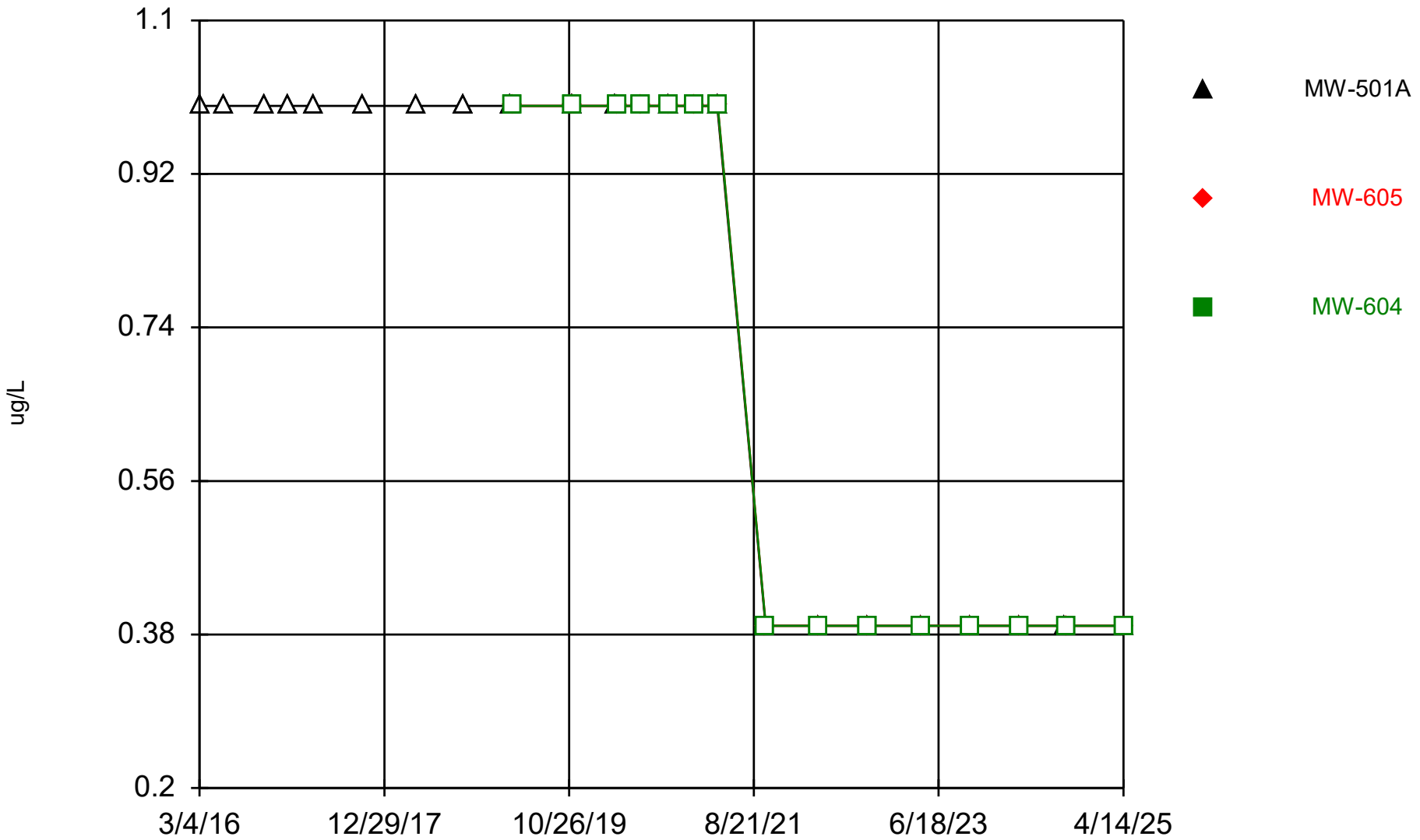
Time Series



Constituent: 1,2-Dichloroethane Analysis Run 6/12/2025 2:09 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

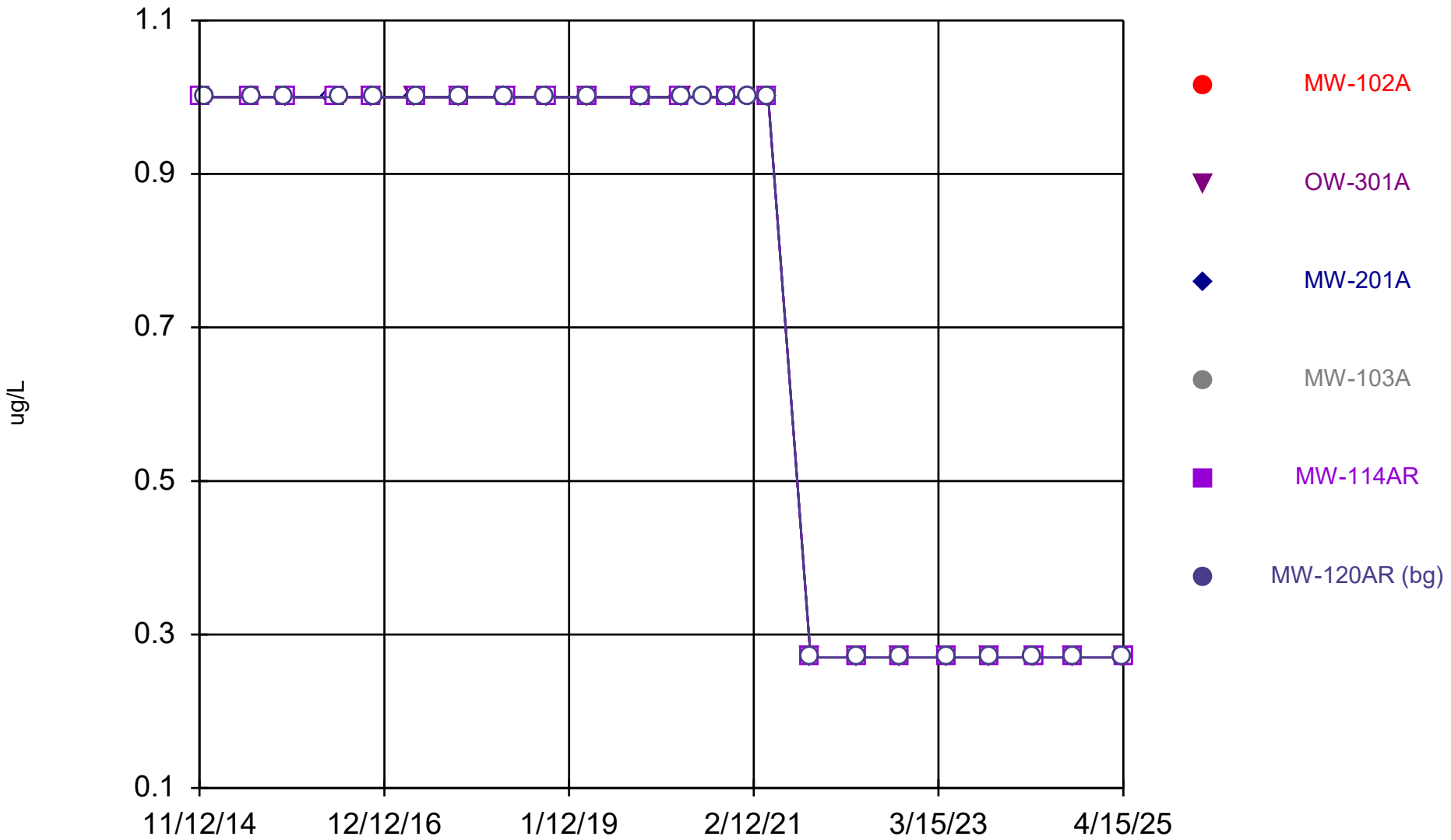
Time Series



Constituent: 1,2-Dichloroethane Analysis Run 6/12/2025 2:09 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

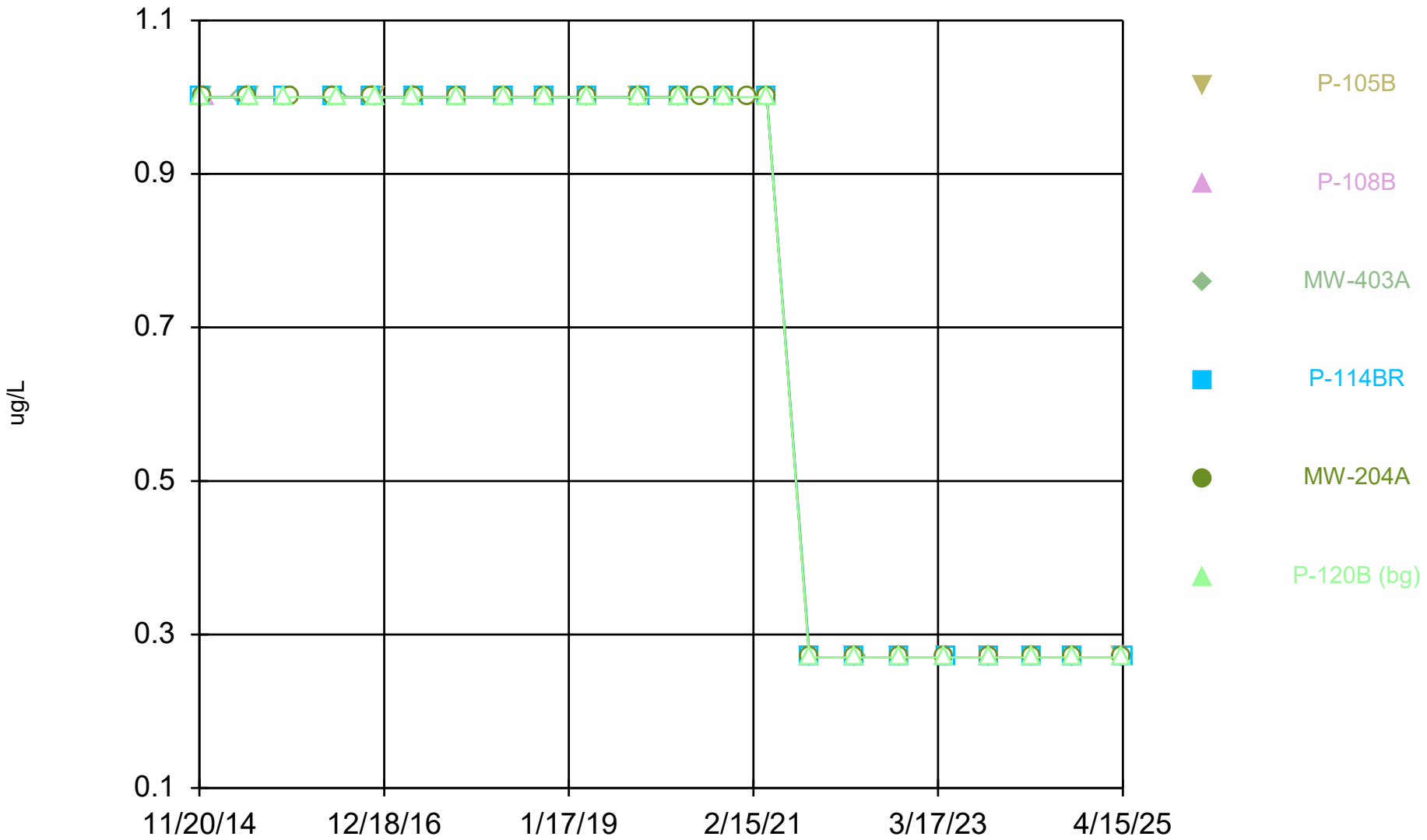
Time Series



Constituent: 1,2-Dichloropropane Analysis Run 6/12/2025 2:10 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

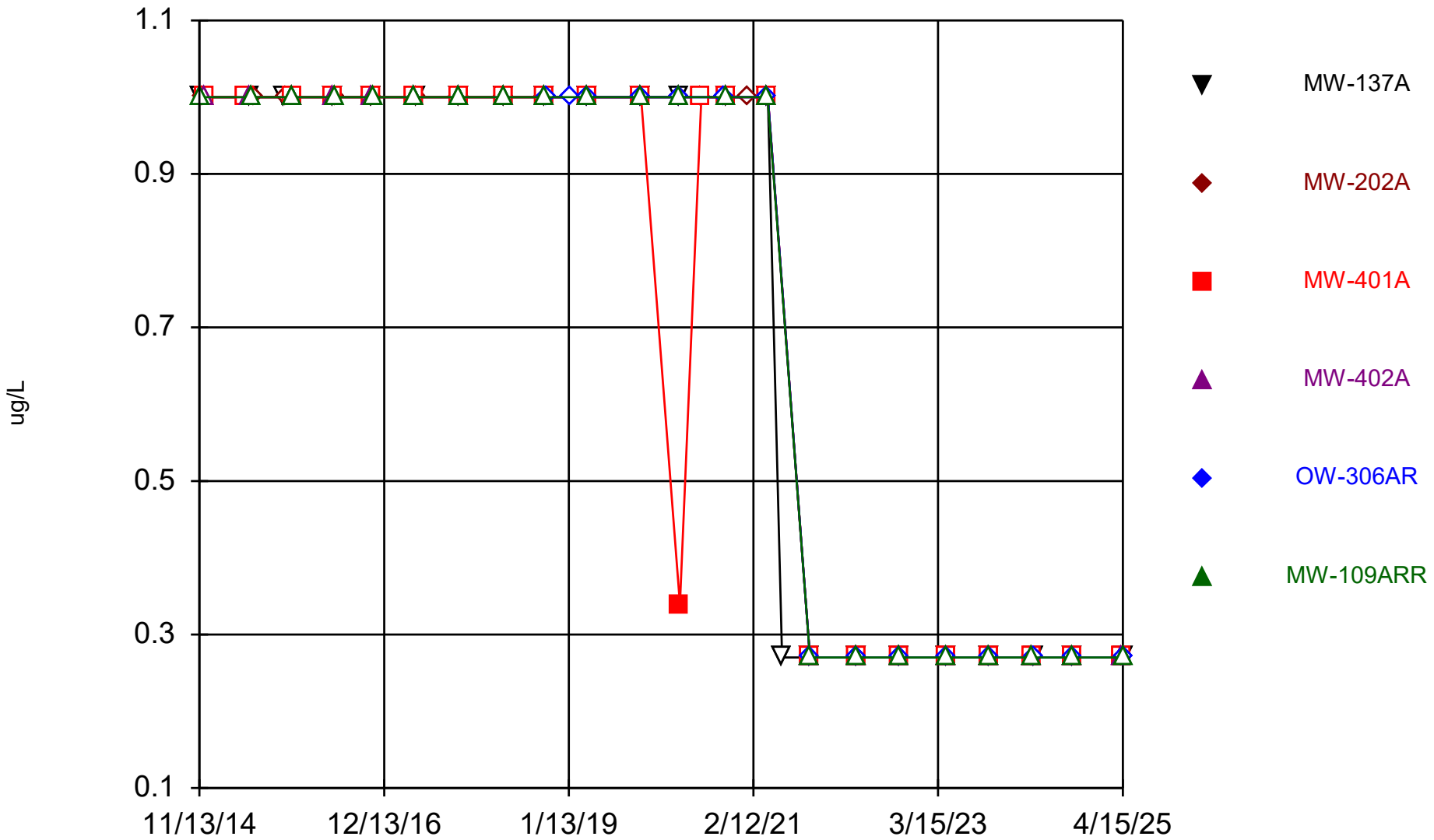
Time Series



Constituent: 1,2-Dichloropropane Analysis Run 6/12/2025 2:10 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

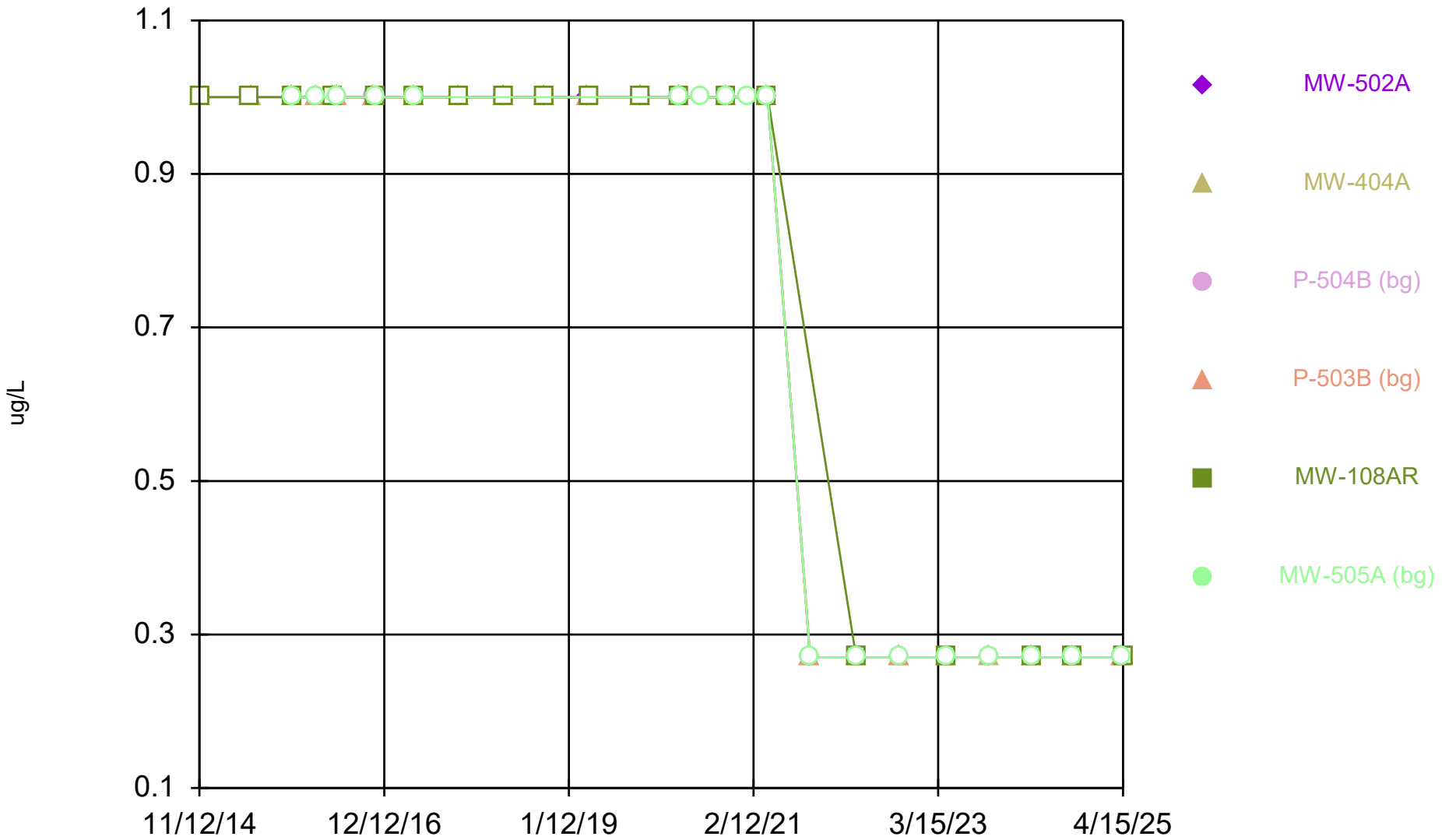
Time Series



Constituent: 1,2-Dichloropropane Analysis Run 6/12/2025 2:10 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

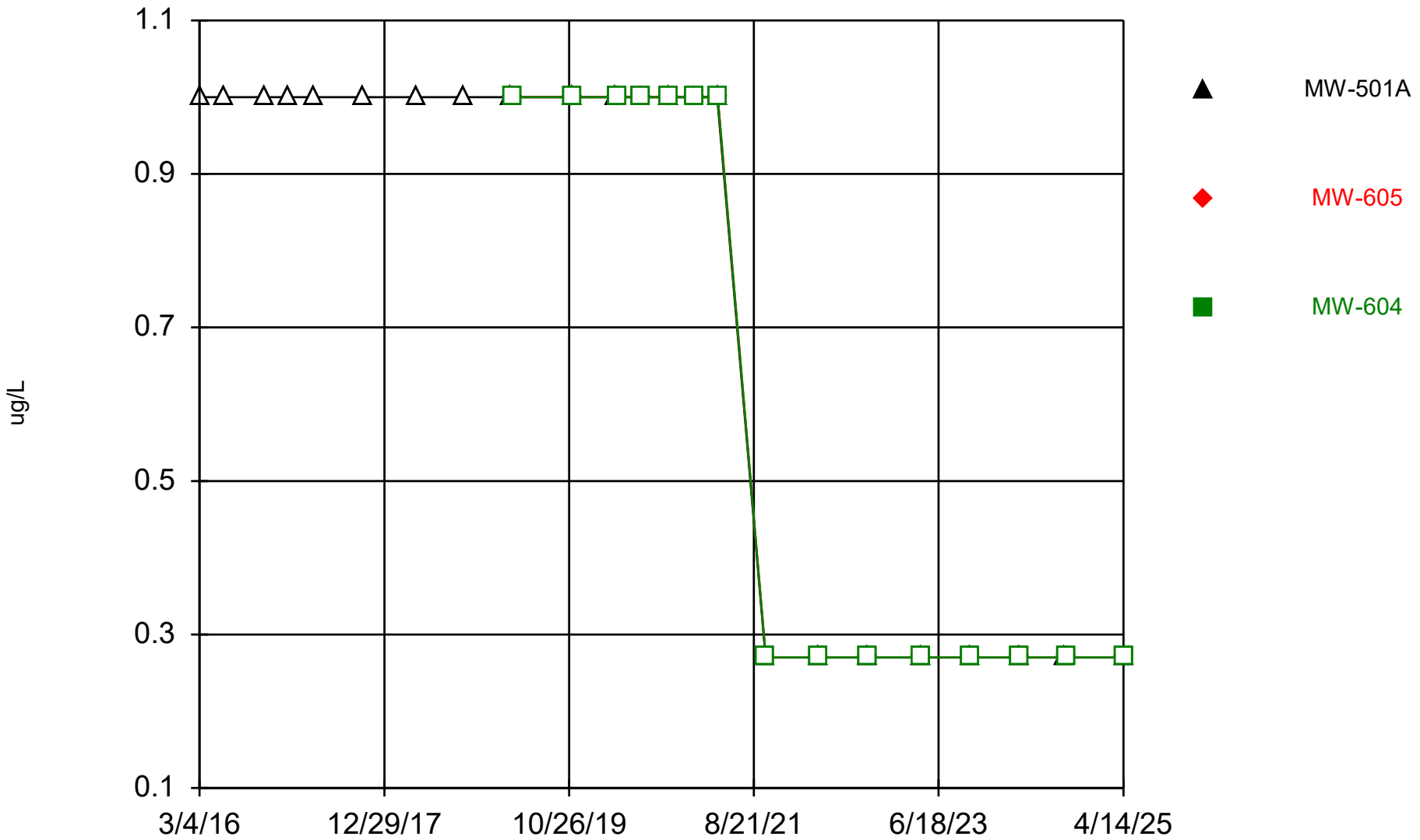
Time Series



Constituent: 1,2-Dichloropropane Analysis Run 6/12/2025 2:10 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

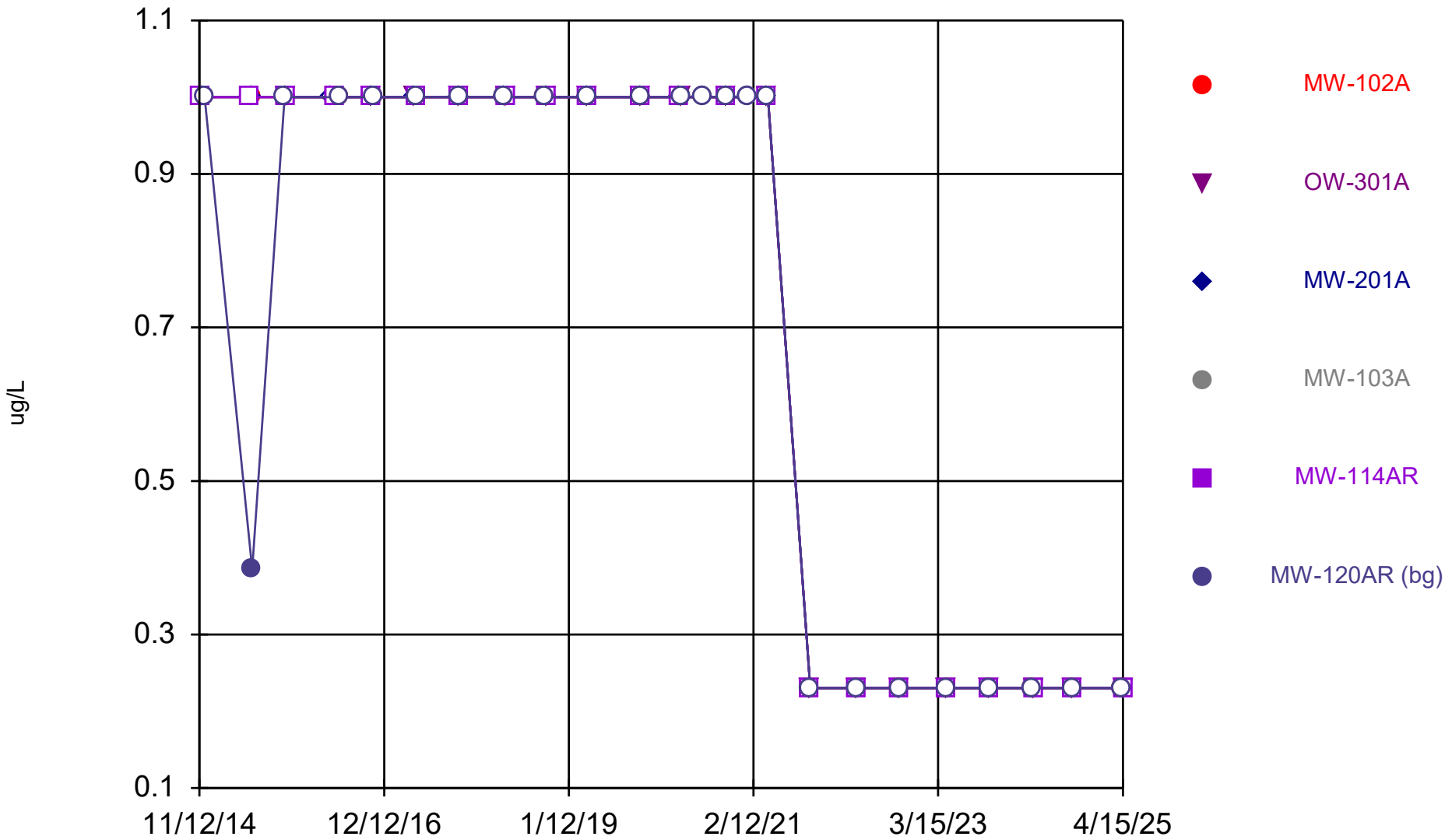
Time Series



Constituent: 1,2-Dichloropropane Analysis Run 6/12/2025 2:10 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

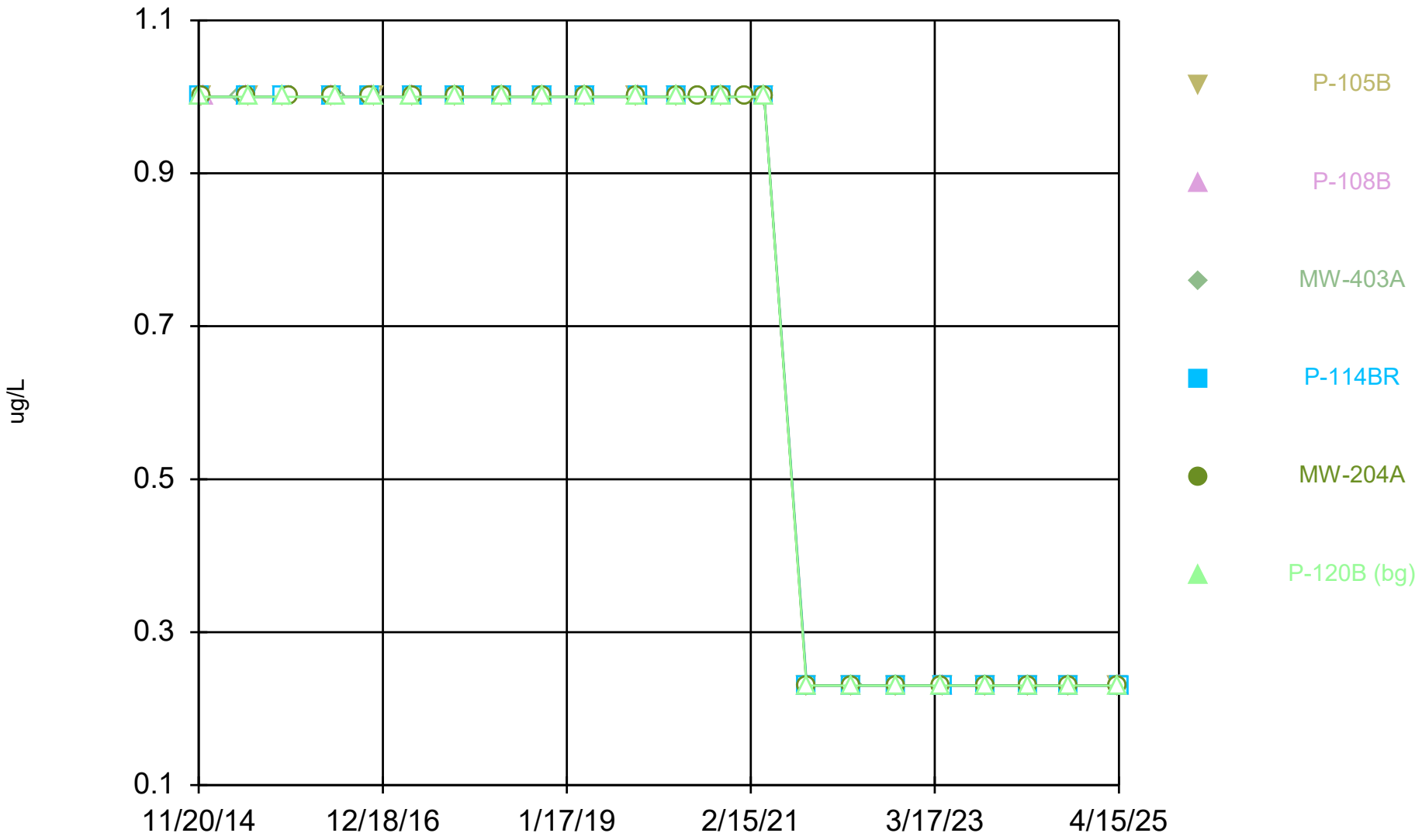
Time Series



Constituent: 1,4-Dichlorobenzene Analysis Run 6/12/2025 2:10 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

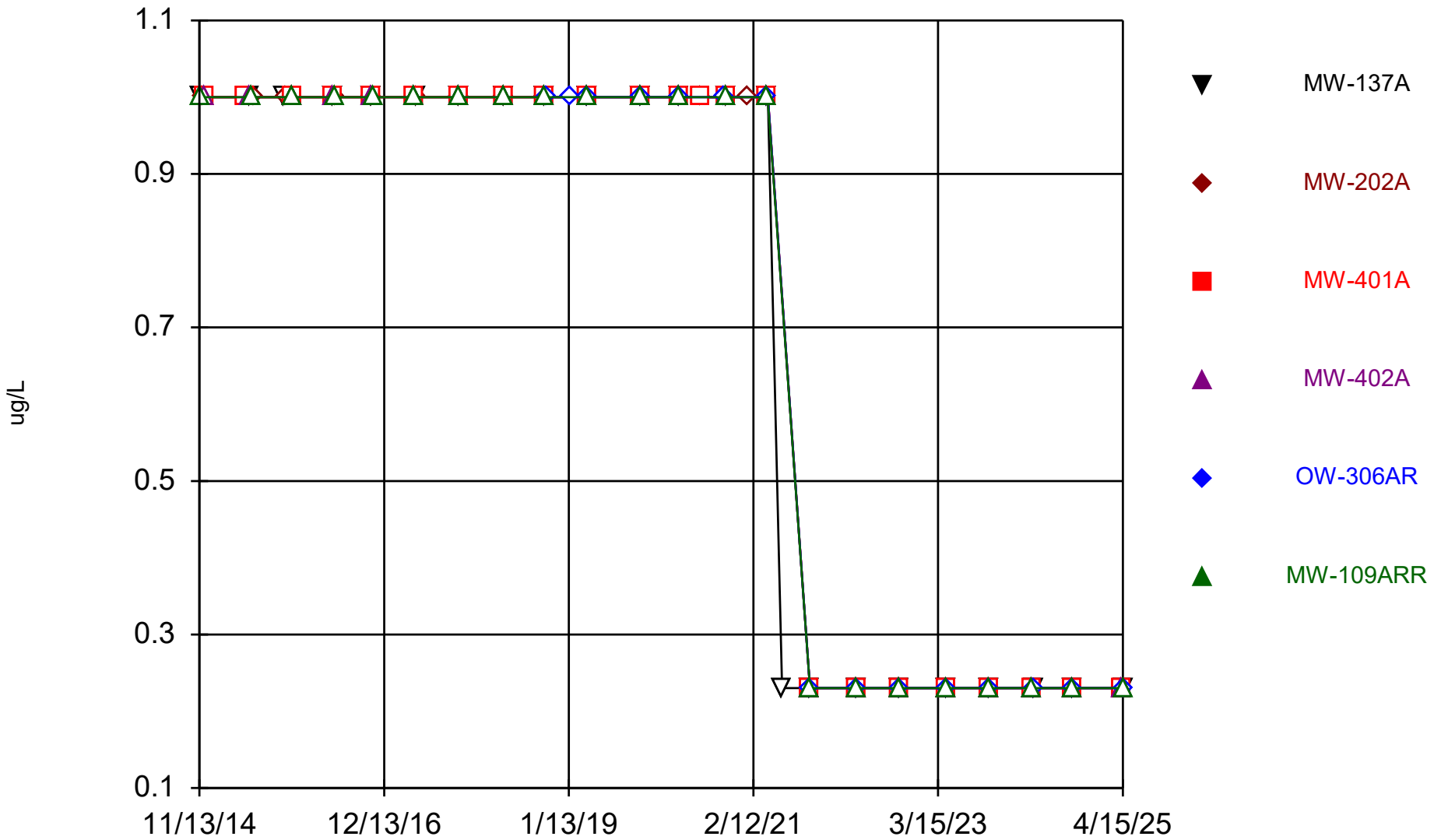
Time Series



Constituent: 1,4-Dichlorobenzene Analysis Run 6/12/2025 2:10 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

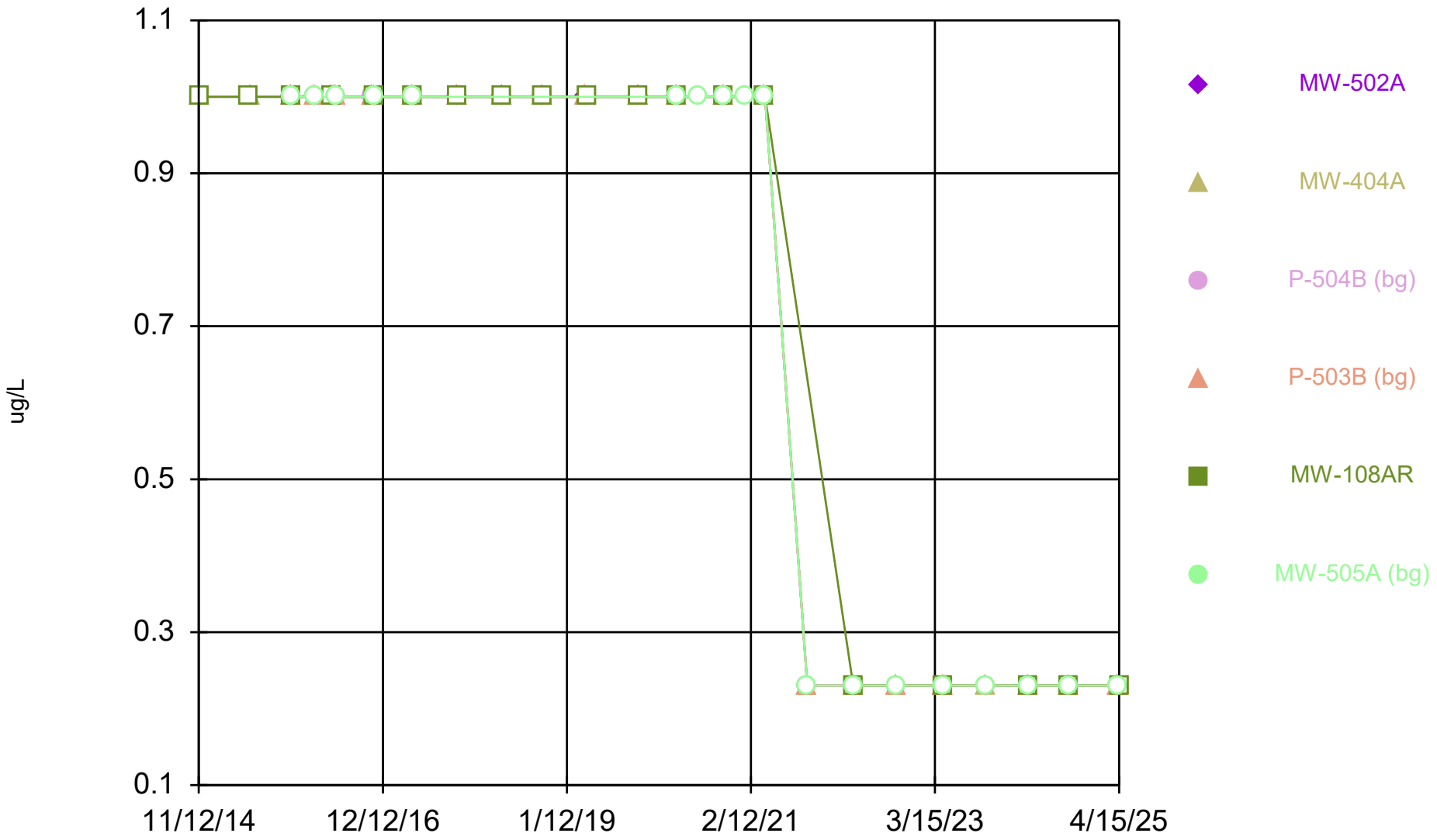


Constituent: 1,4-Dichlorobenzene Analysis Run 6/12/2025 2:10 PM View: All Wells - Appendix I VOCs

DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

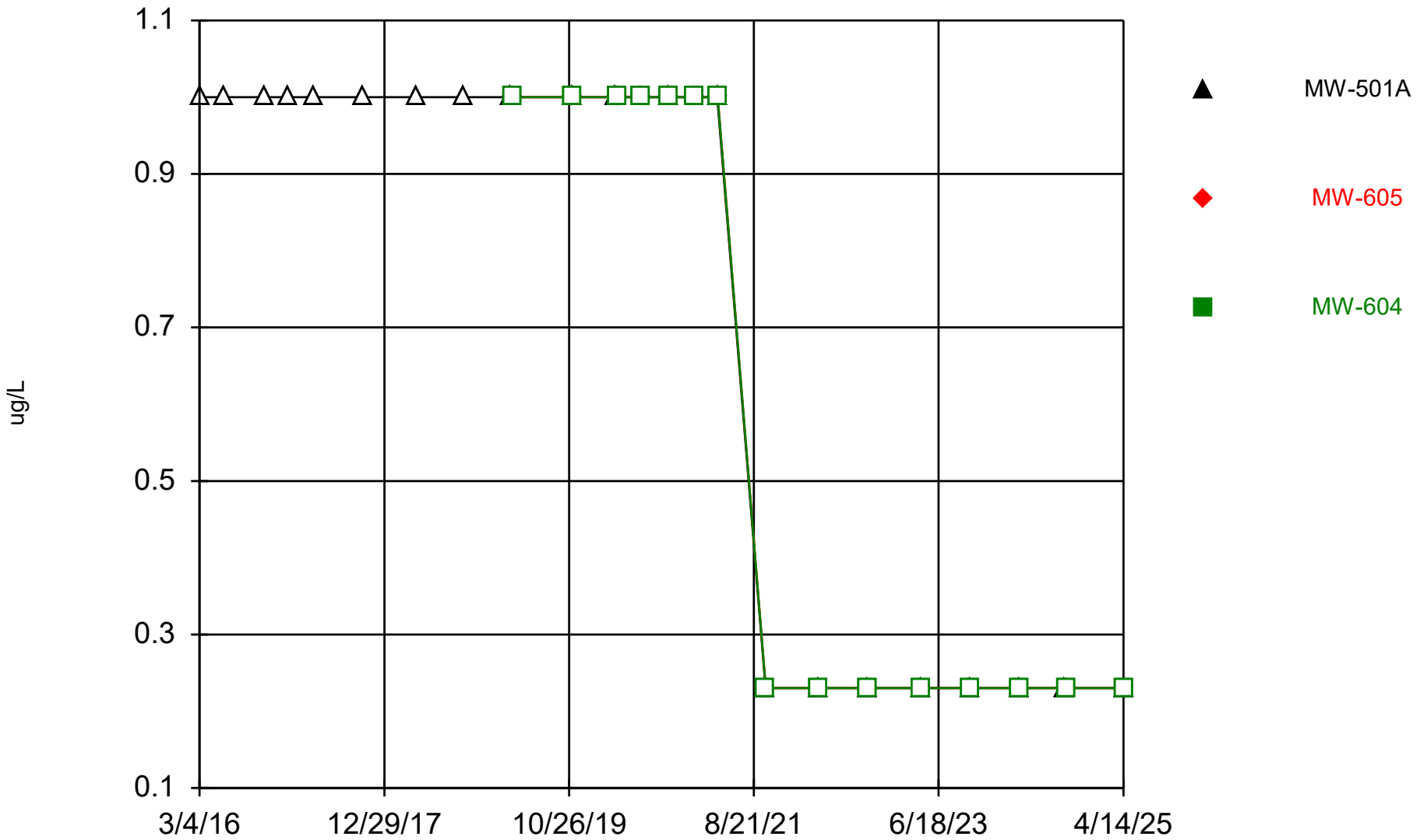
Time Series



Constituent: 1,4-Dichlorobenzene Analysis Run 6/12/2025 2:10 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

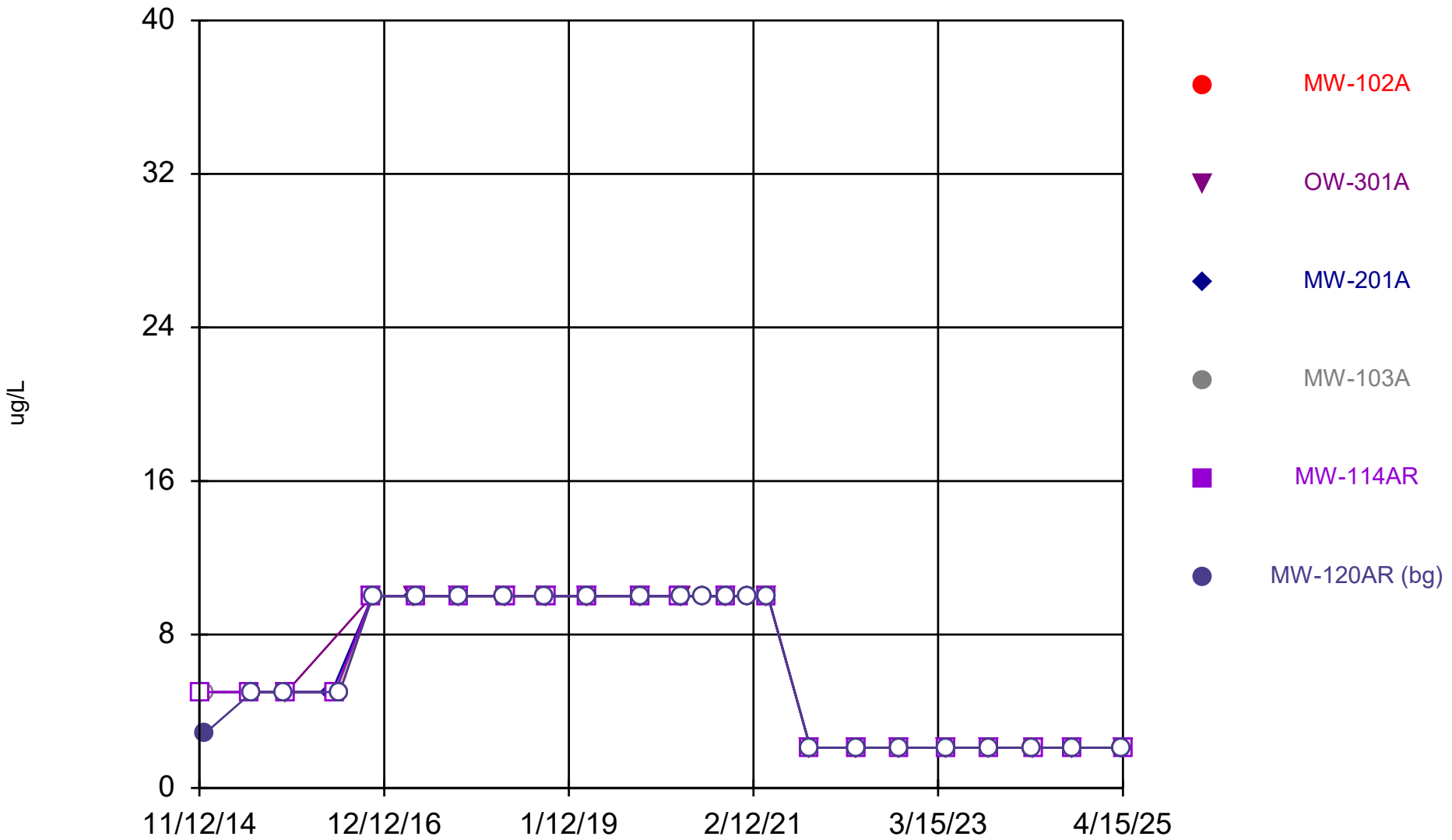
Time Series



Constituent: 1,4-Dichlorobenzene Analysis Run 6/12/2025 2:10 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

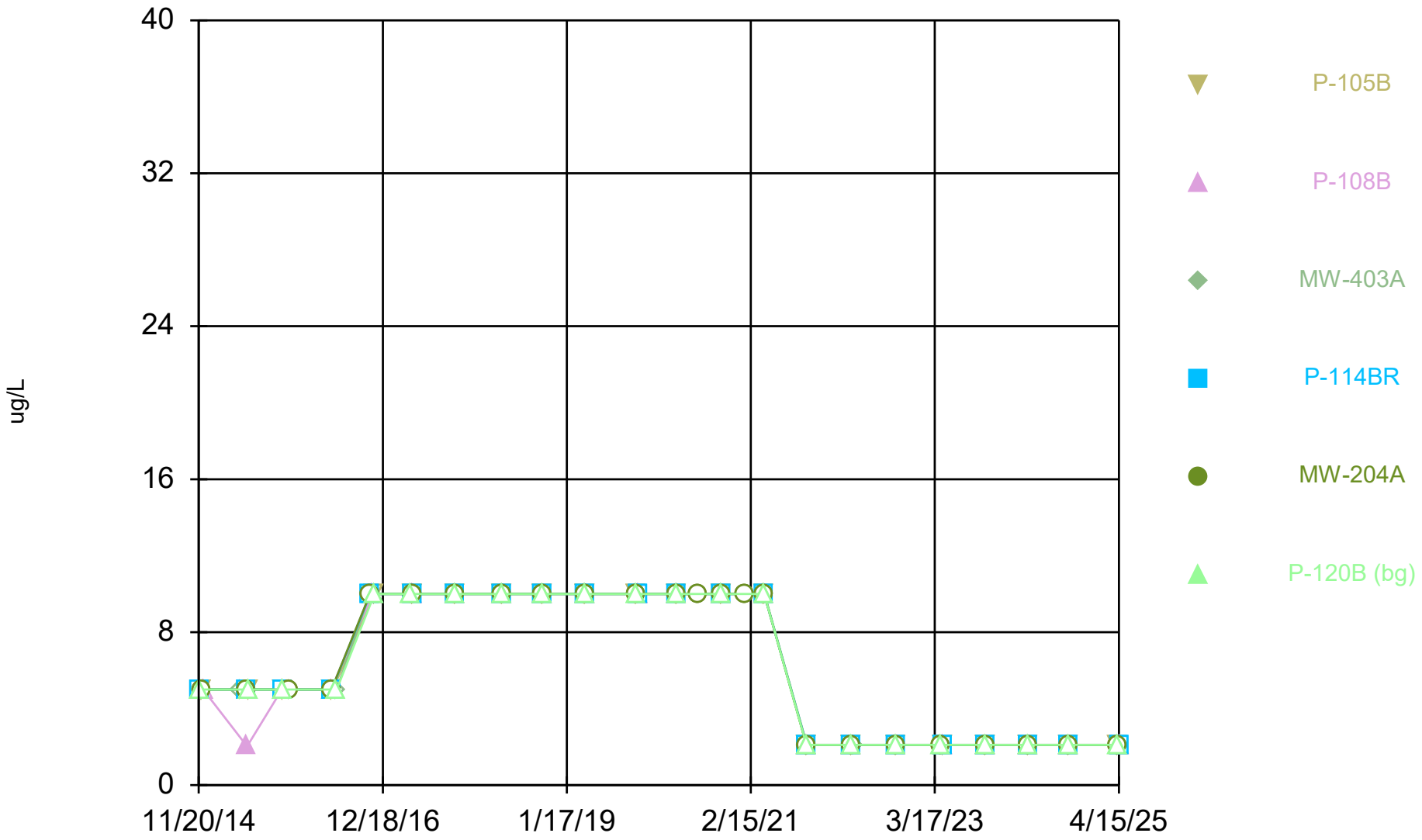
Time Series



Constituent: 2-Butanone [MEK] Analysis Run 6/12/2025 2:10 PM View: All Wells - Appendix I VOCs DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

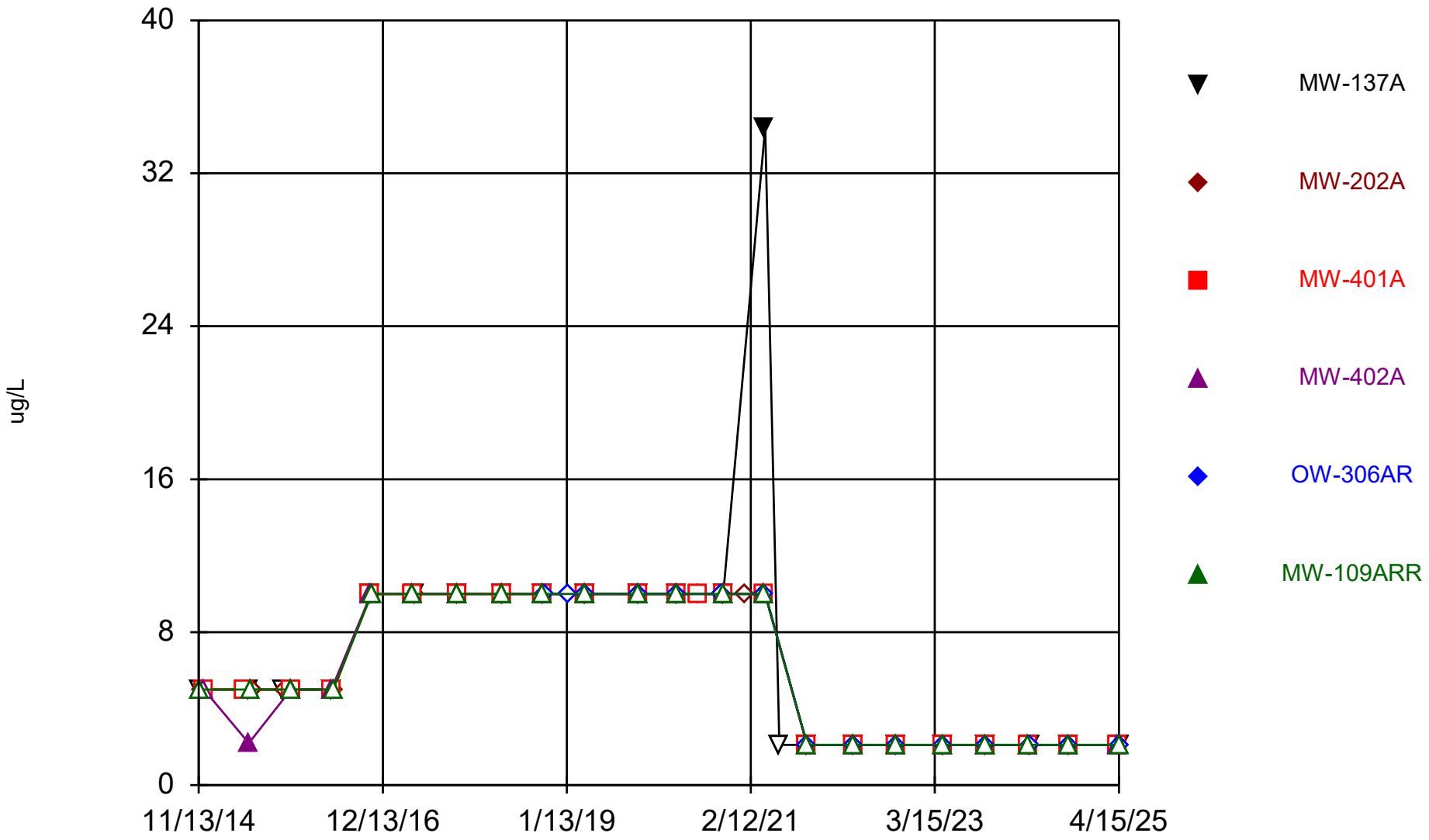
Time Series



Constituent: 2-Butanone [MEK] Analysis Run 6/12/2025 2:10 PM View: All Wells - Appendix I VOCs DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

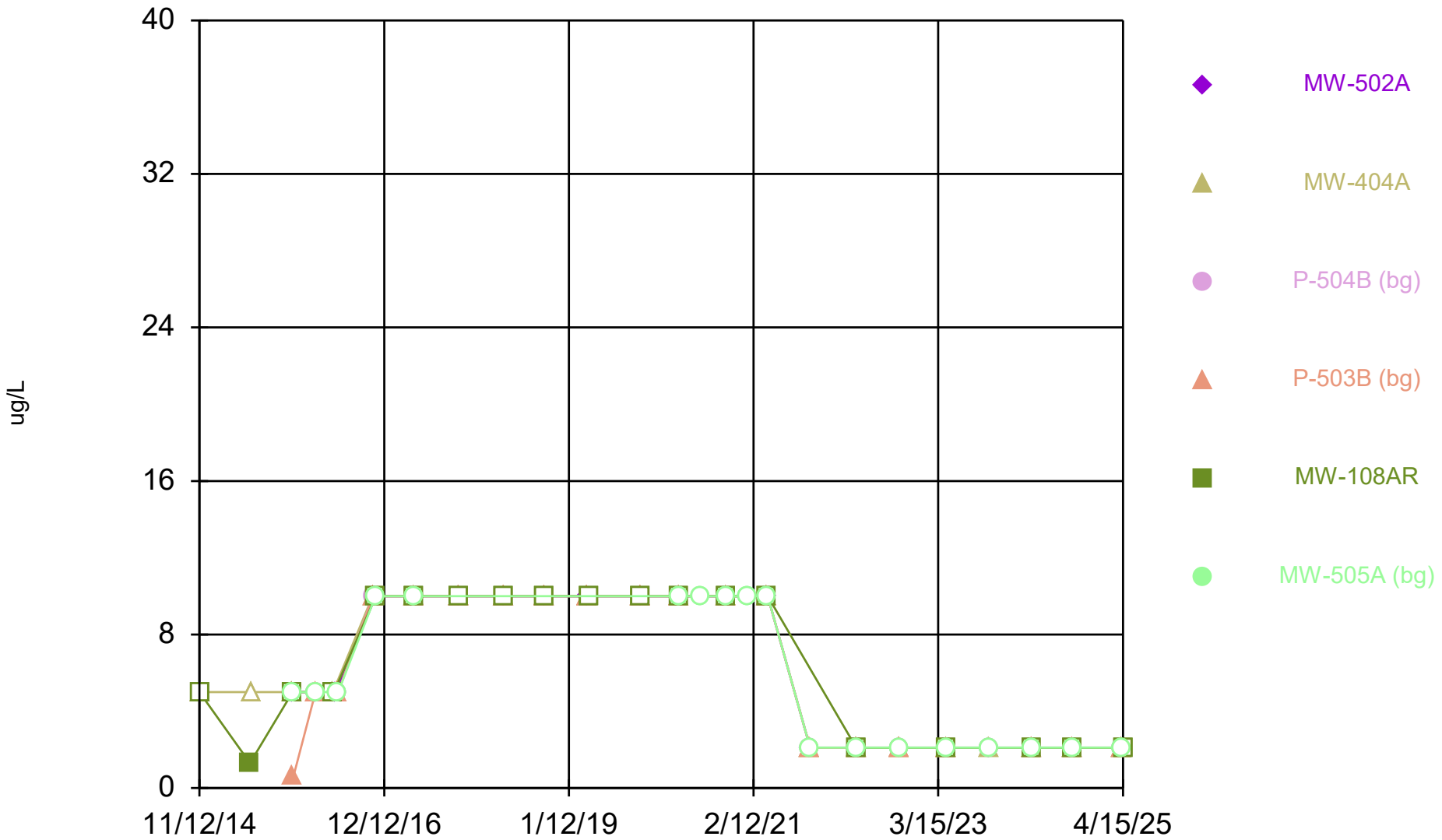
Time Series



Constituent: 2-Butanone [MEK] Analysis Run 6/12/2025 2:10 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

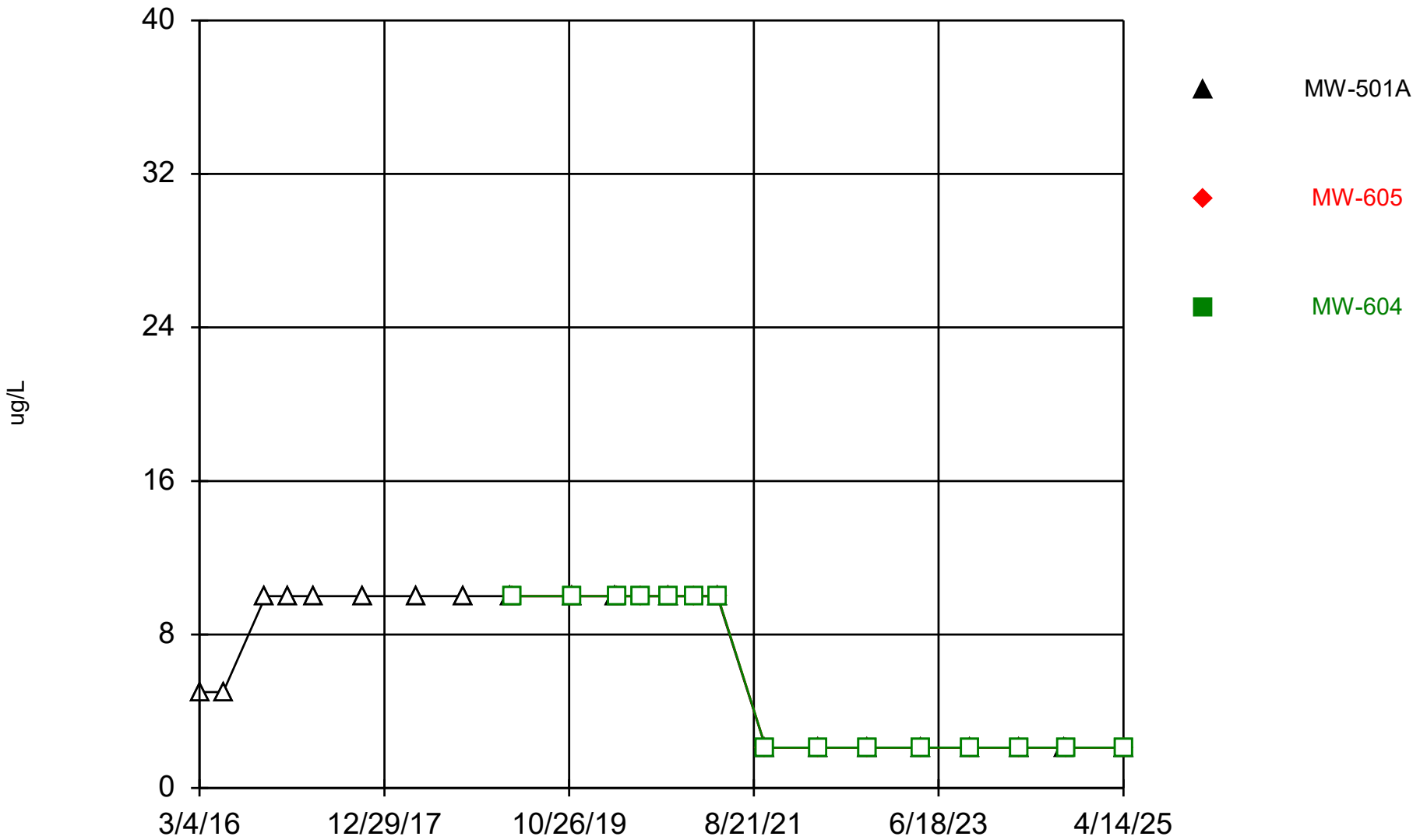
Time Series



Constituent: 2-Butanone [MEK] Analysis Run 6/12/2025 2:10 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

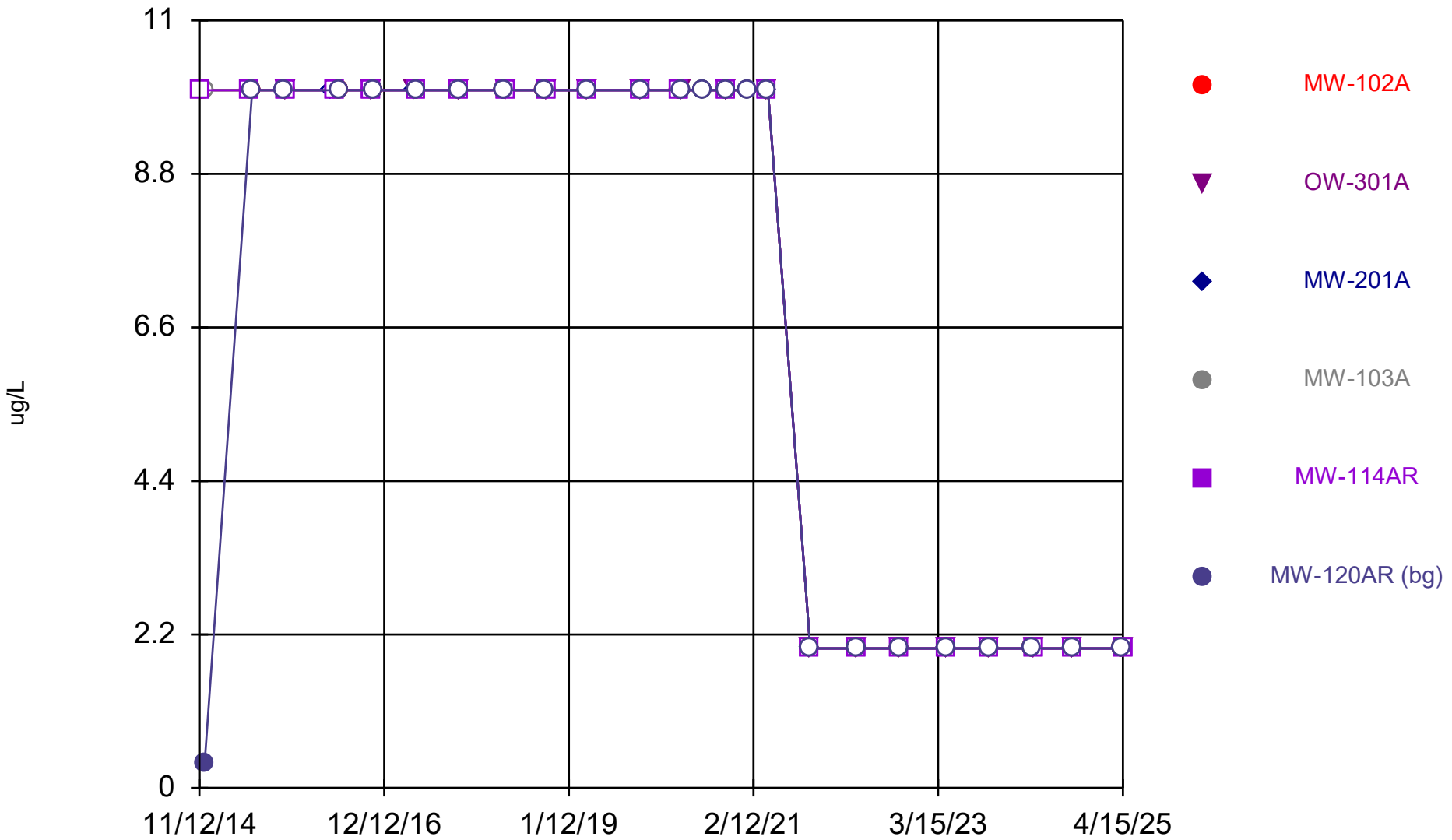
Time Series



Constituent: 2-Butanone [MEK] Analysis Run 6/12/2025 2:10 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

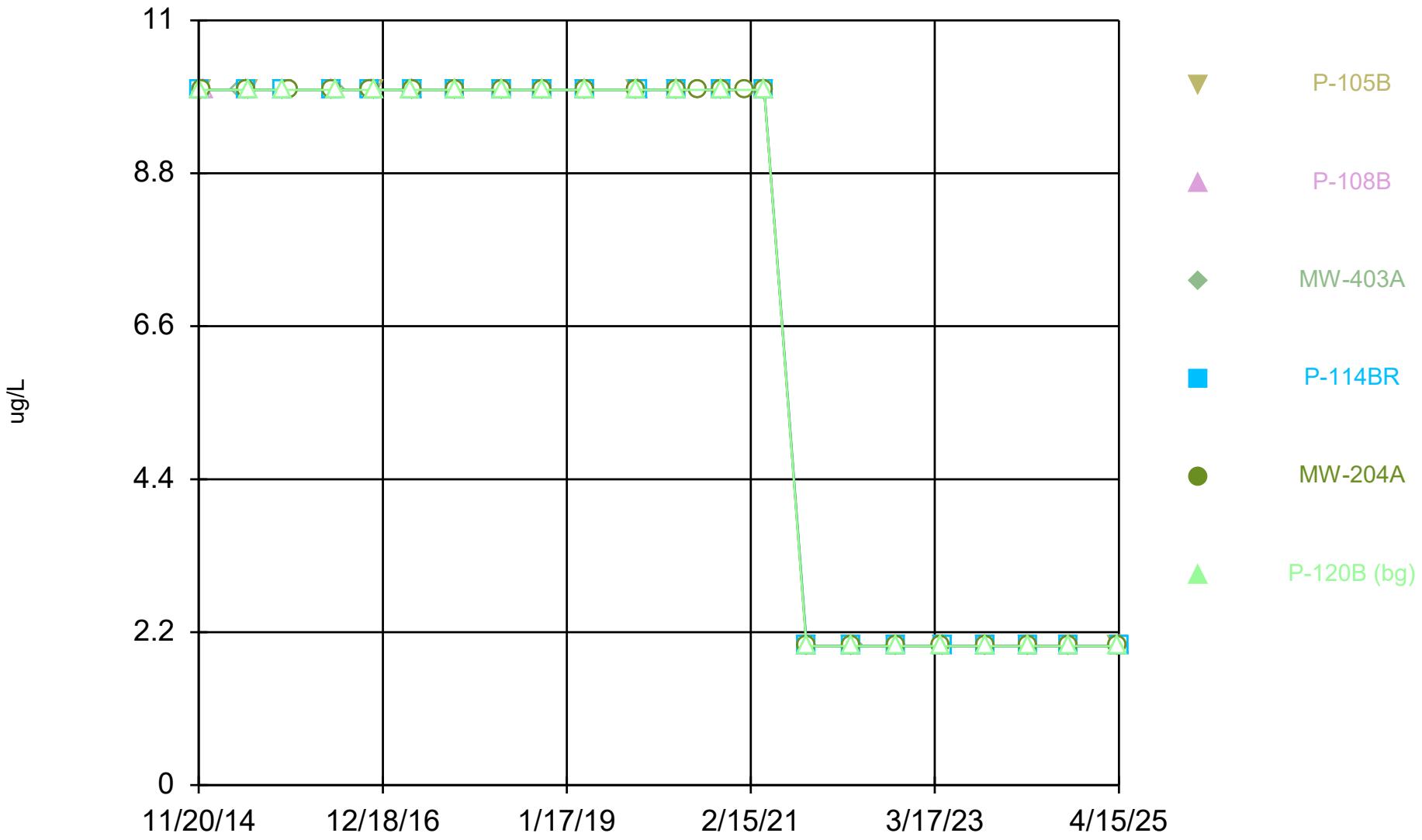
Time Series



Constituent: 2-Hexanone Analysis Run 6/12/2025 2:10 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

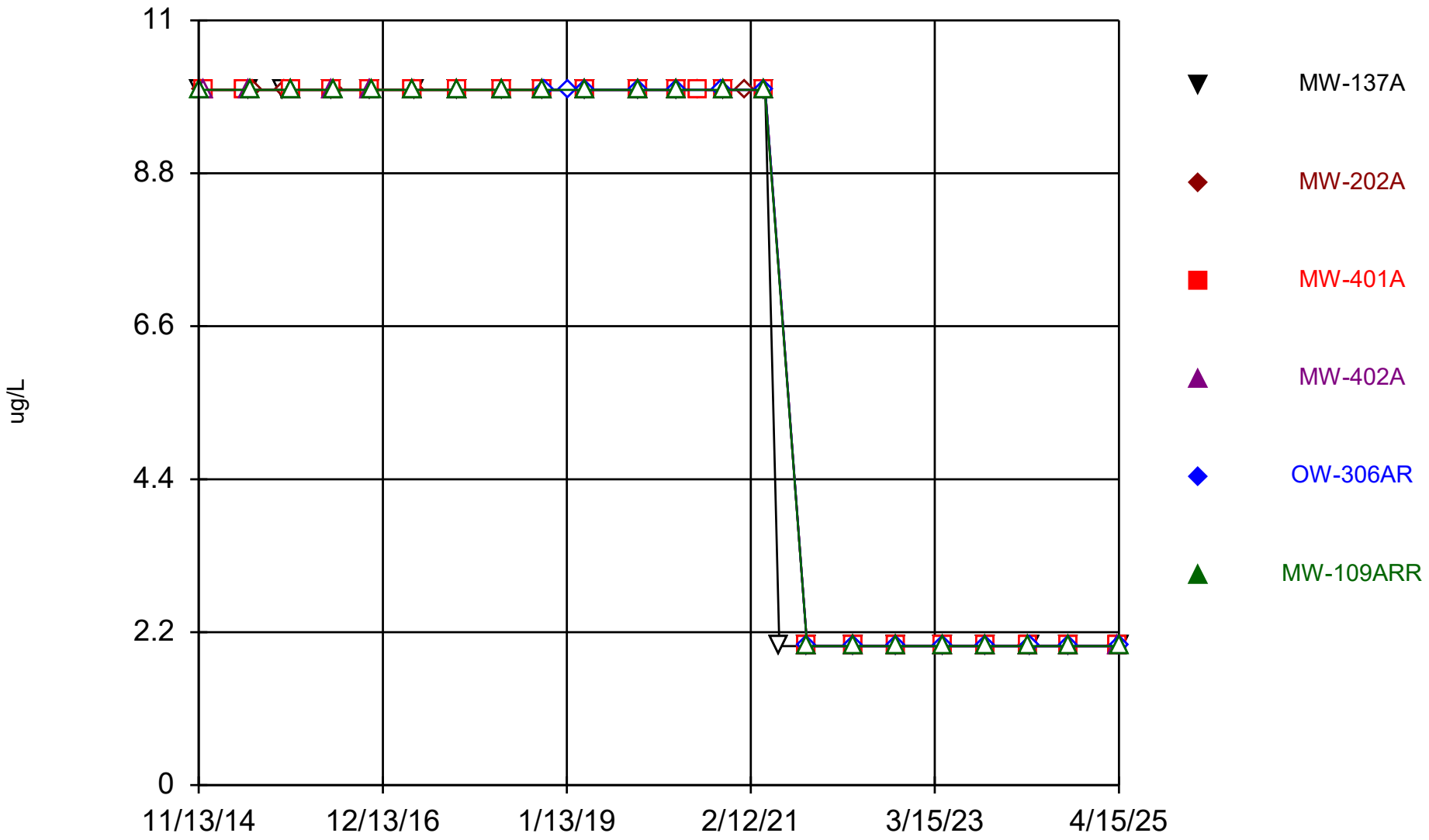
Time Series



Constituent: 2-Hexanone Analysis Run 6/12/2025 2:10 PM View: All Wells - Appendix I VOCs DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

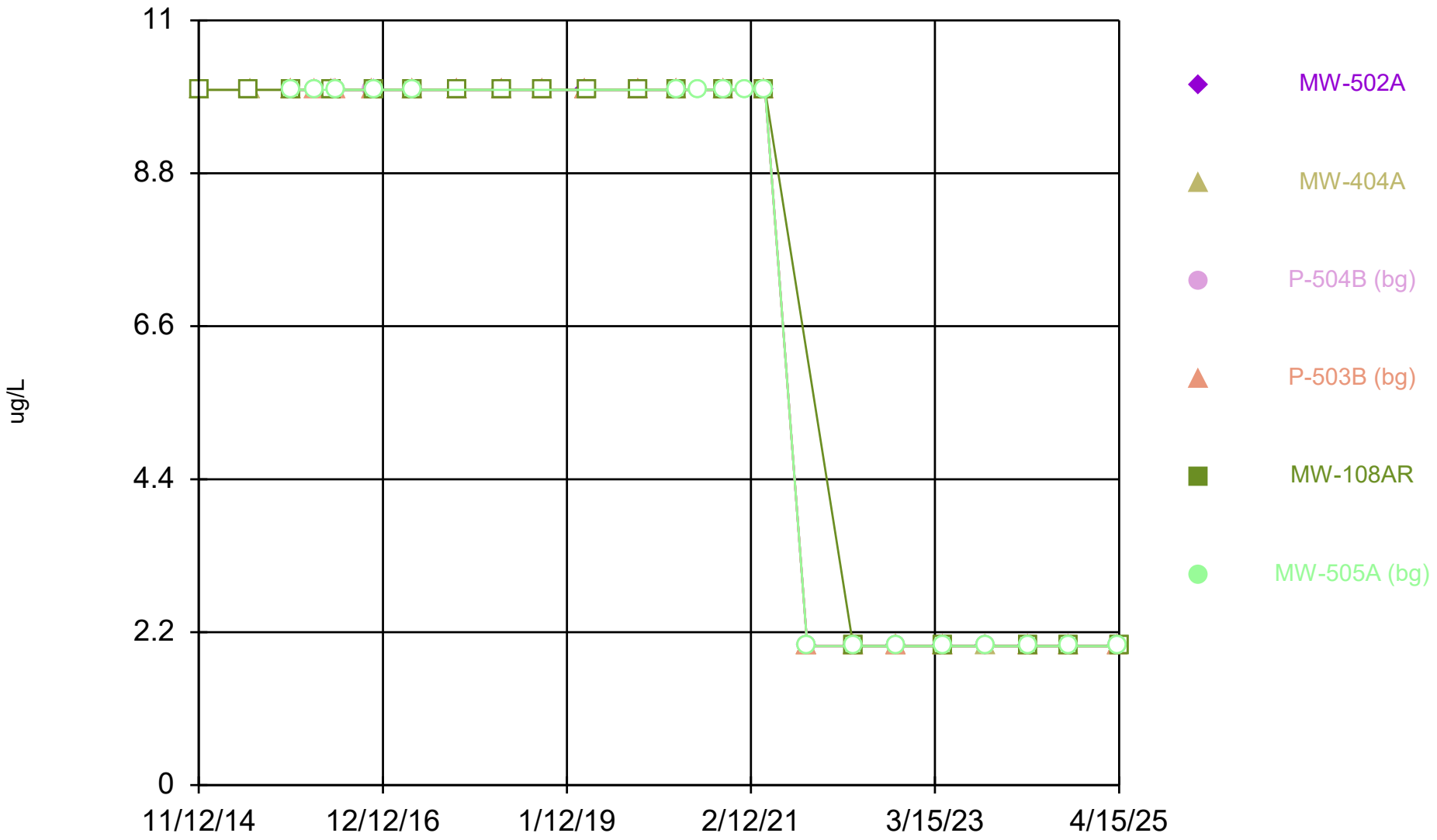


Constituent: 2-Hexanone Analysis Run 6/12/2025 2:10 PM View: All Wells - Appendix I VOCs

DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

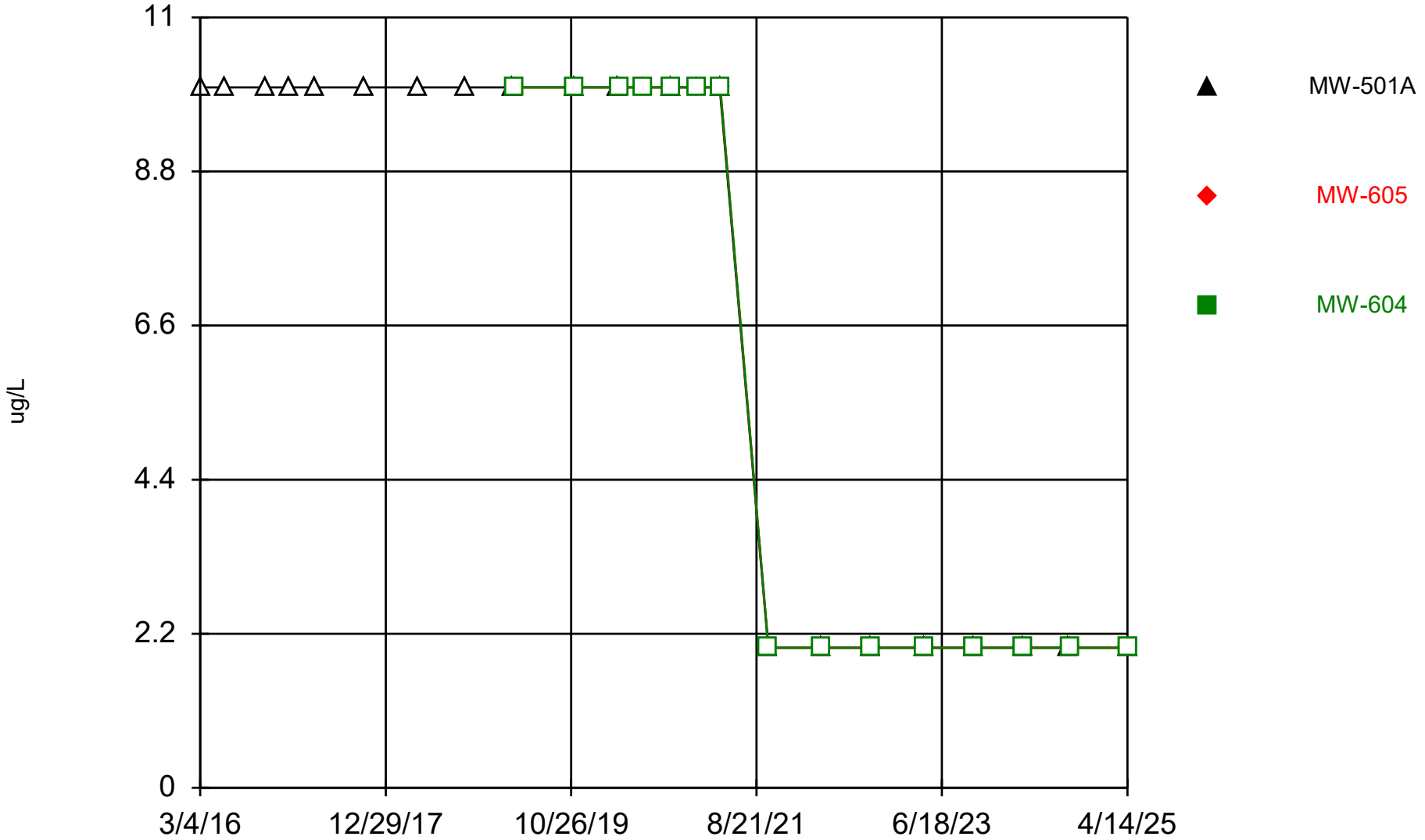
Time Series



Constituent: 2-Hexanone Analysis Run 6/12/2025 2:10 PM View: All Wells - Appendix I VOCs DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

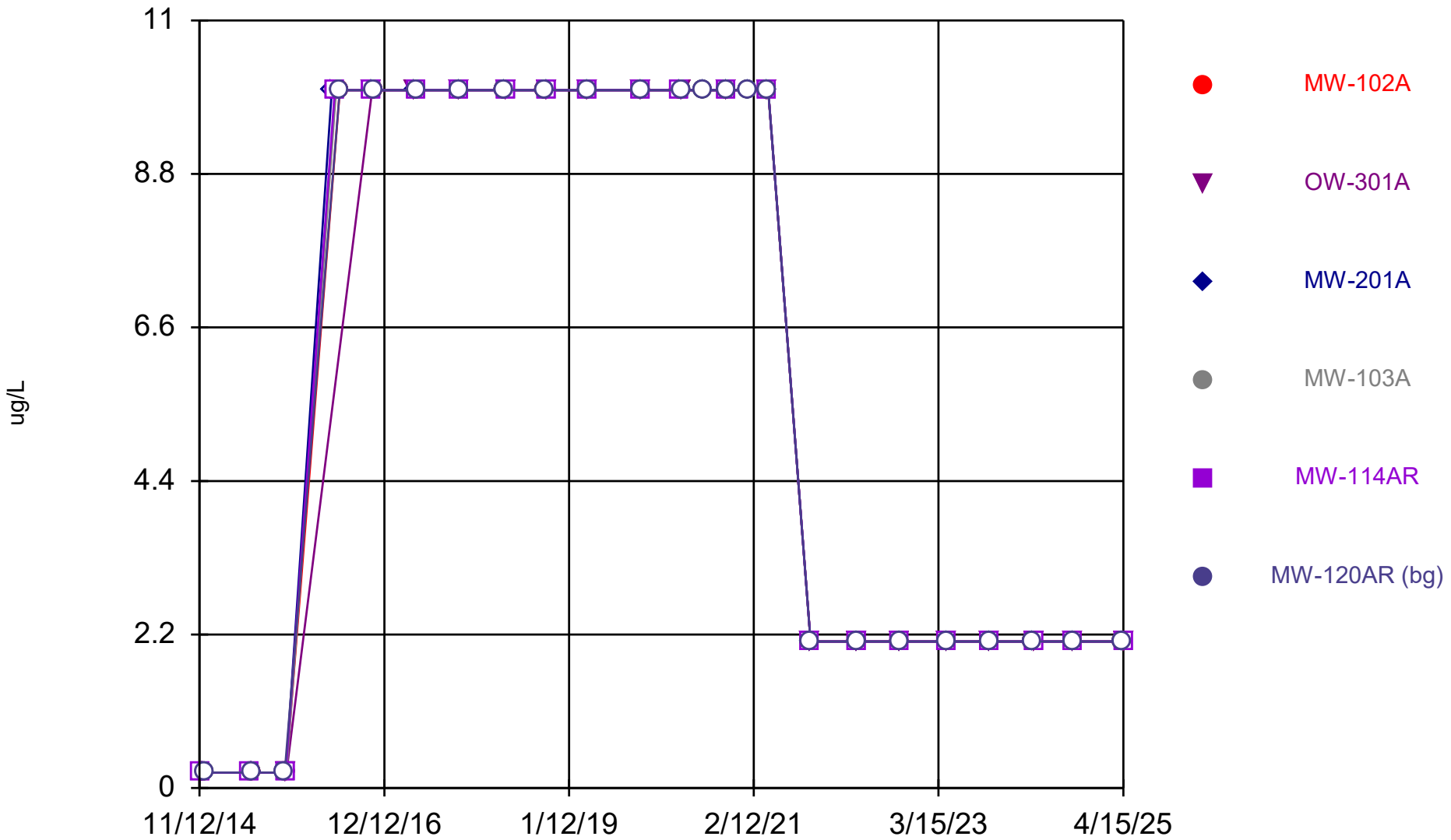
Time Series



Constituent: 2-Hexanone Analysis Run 6/12/2025 2:10 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

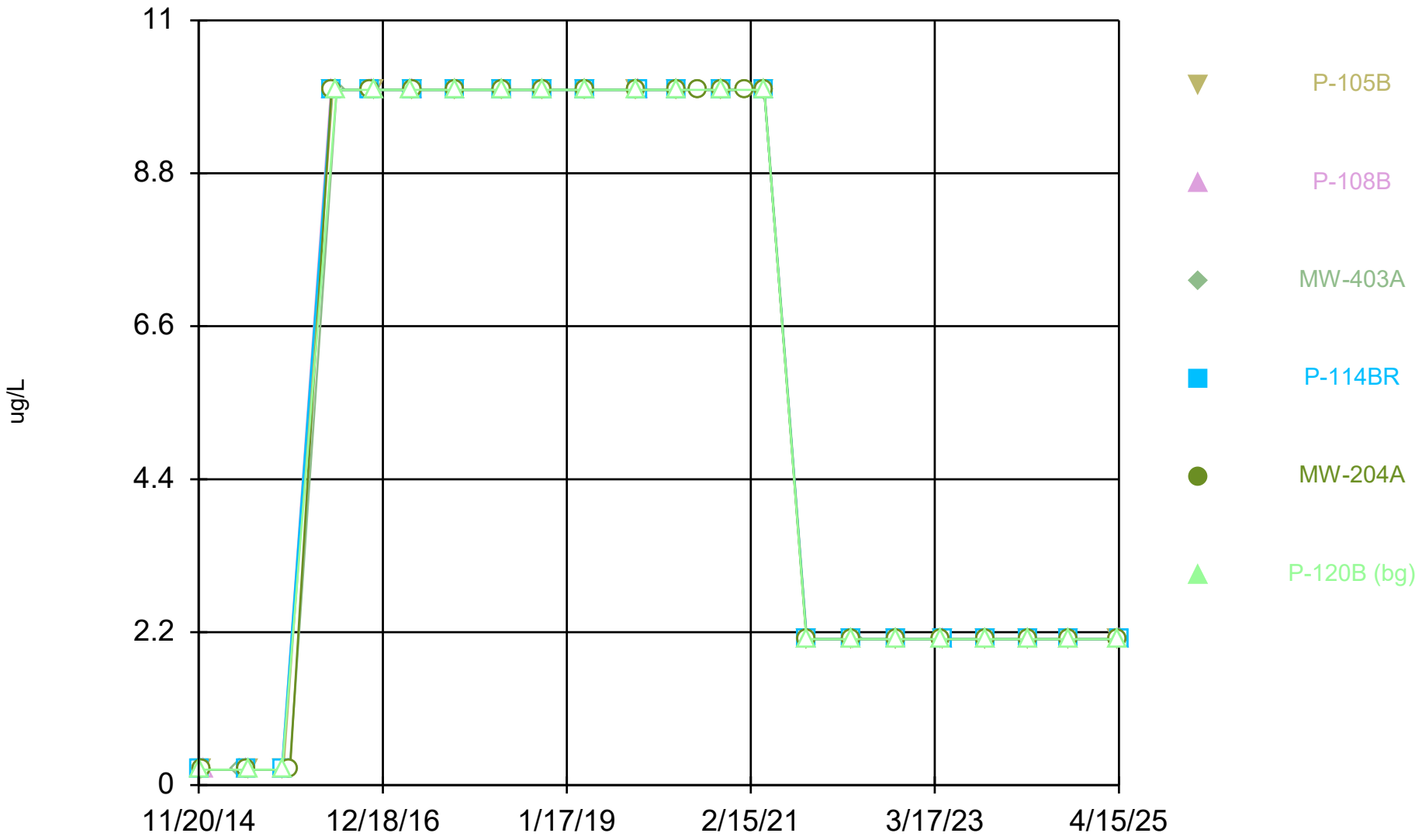
Time Series



Constituent: 4-Methyl-2-pentanone Analysis Run 6/12/2025 2:10 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

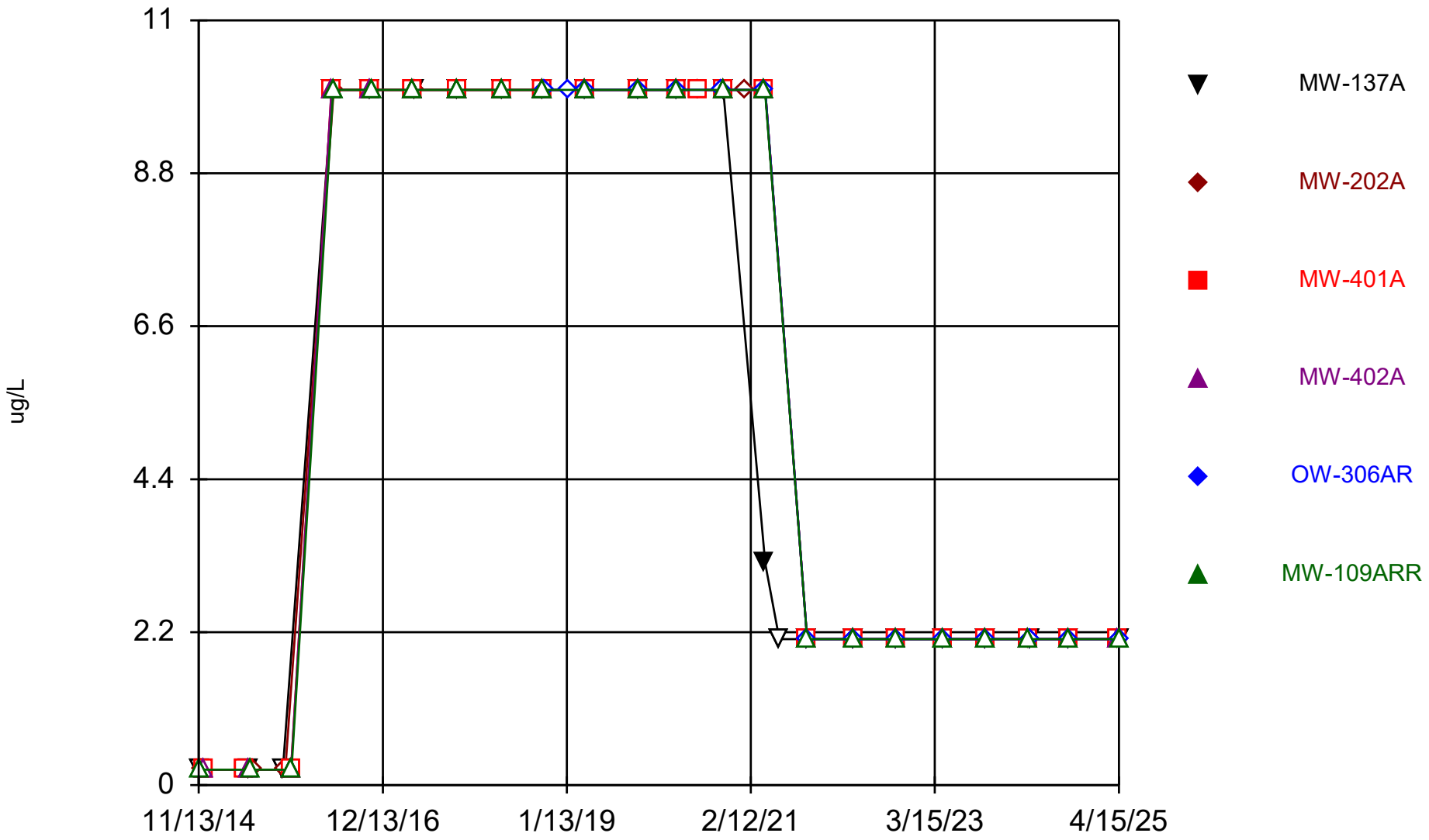
Time Series



Constituent: 4-Methyl-2-pentanone Analysis Run 6/12/2025 2:10 PM View: All Wells - Appendix I VOCs DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

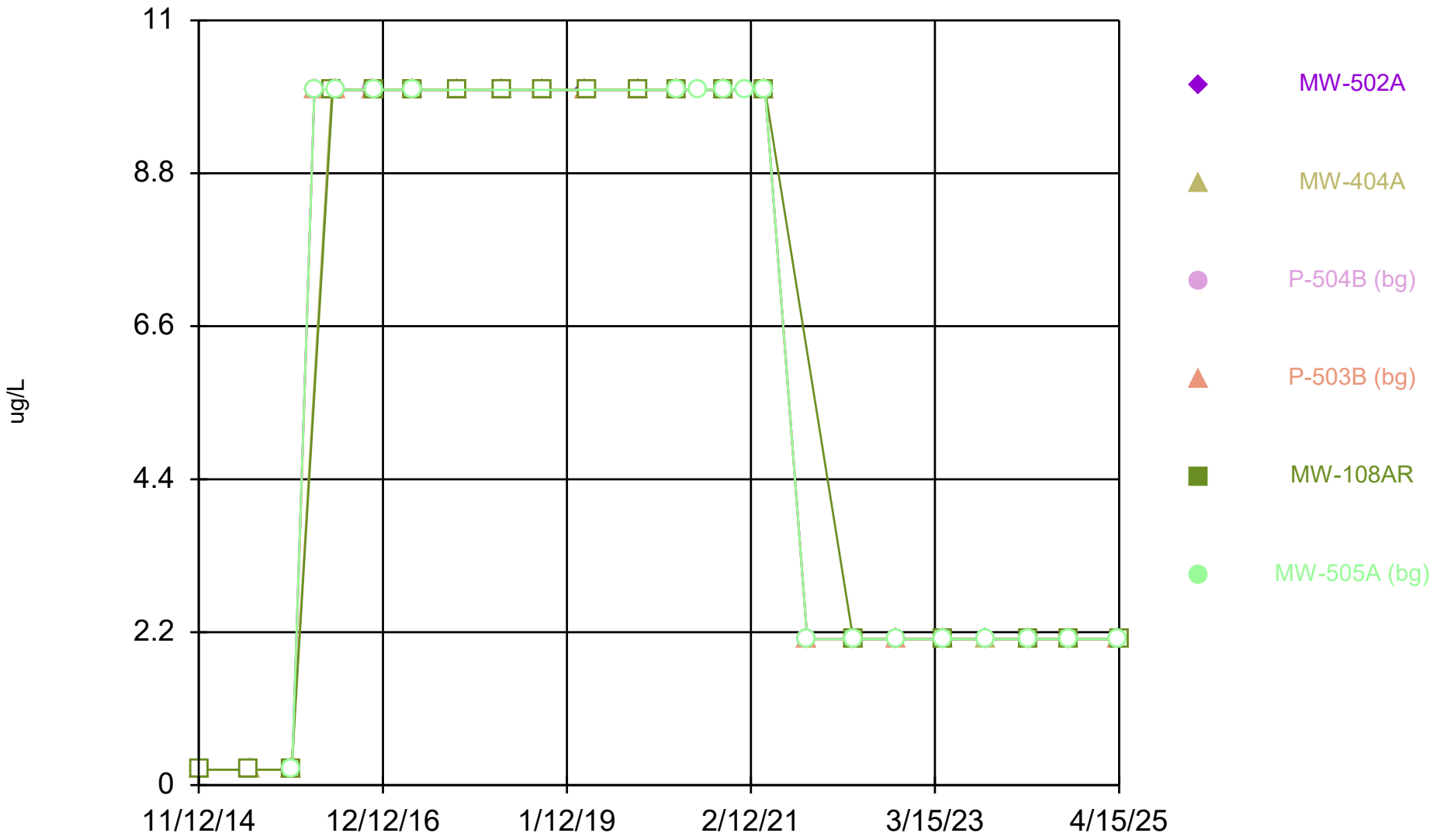
Time Series



Constituent: 4-Methyl-2-pentanone Analysis Run 6/12/2025 2:10 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

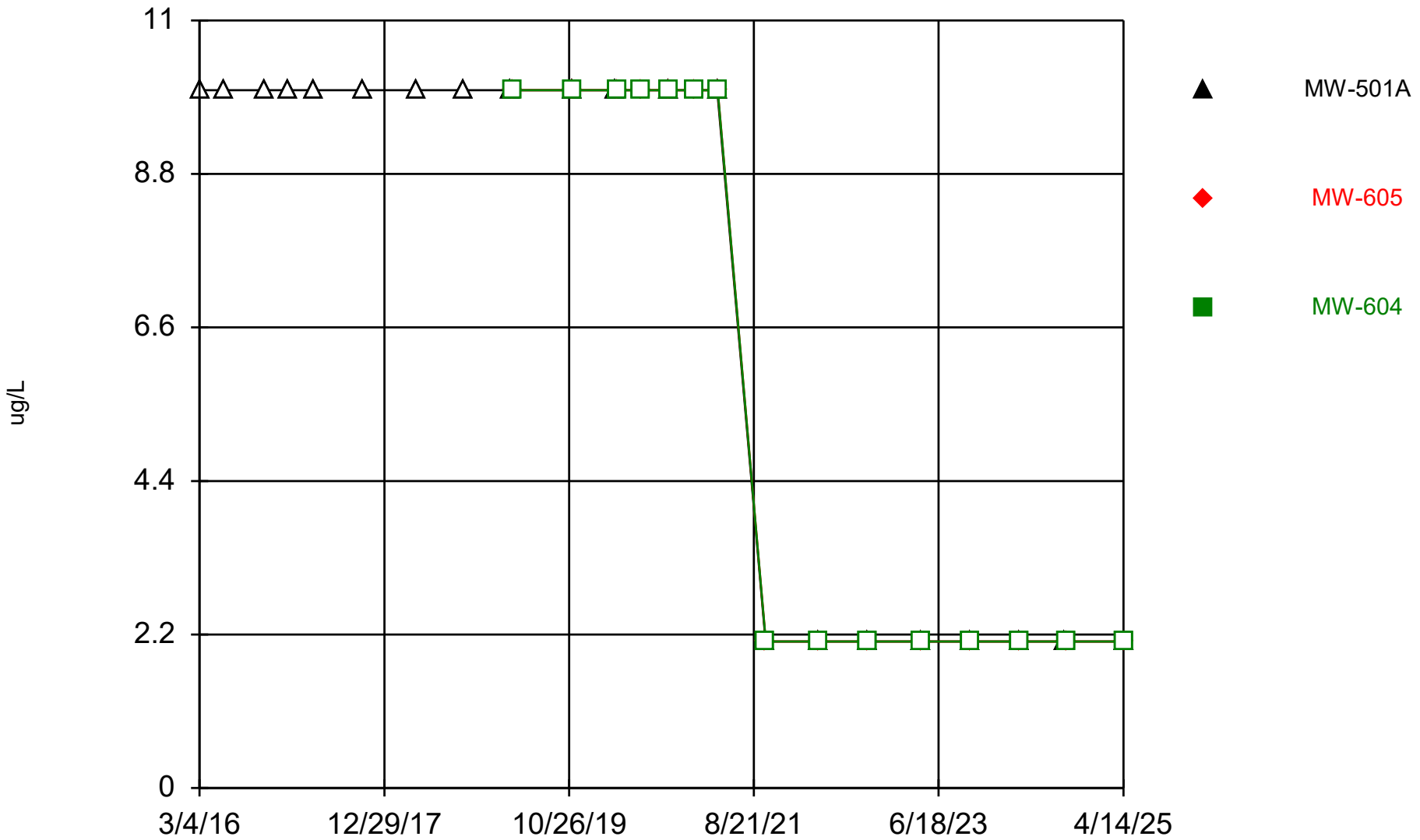
Time Series



Constituent: 4-Methyl-2-pentanone Analysis Run 6/12/2025 2:10 PM View: All Wells - Appendix I VOCs DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

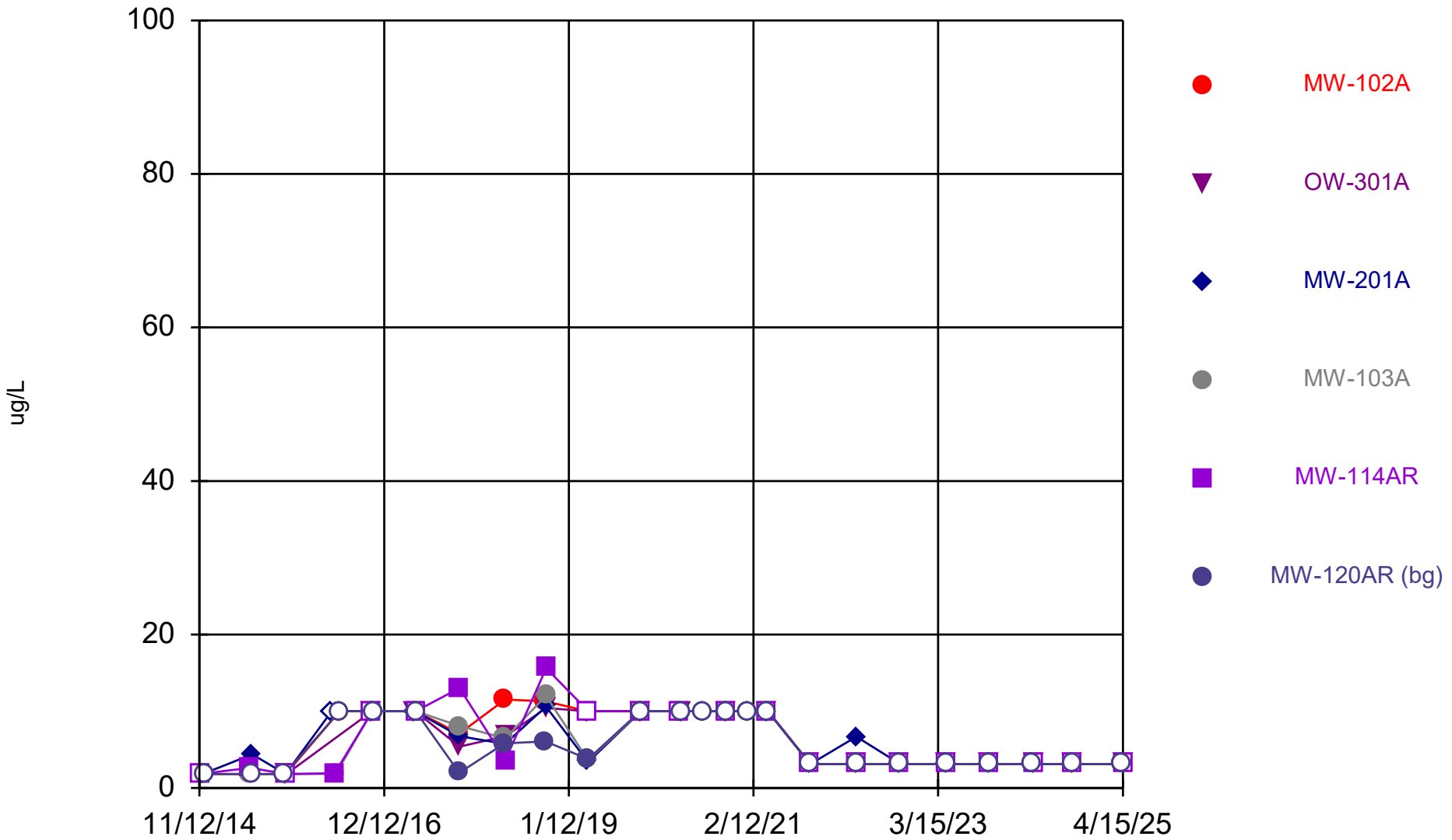
Time Series



Constituent: 4-Methyl-2-pentanone Analysis Run 6/12/2025 2:10 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Acetone Analysis Run 6/12/2025 2:10 PM View: All Wells - Appendix I VOCs

DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

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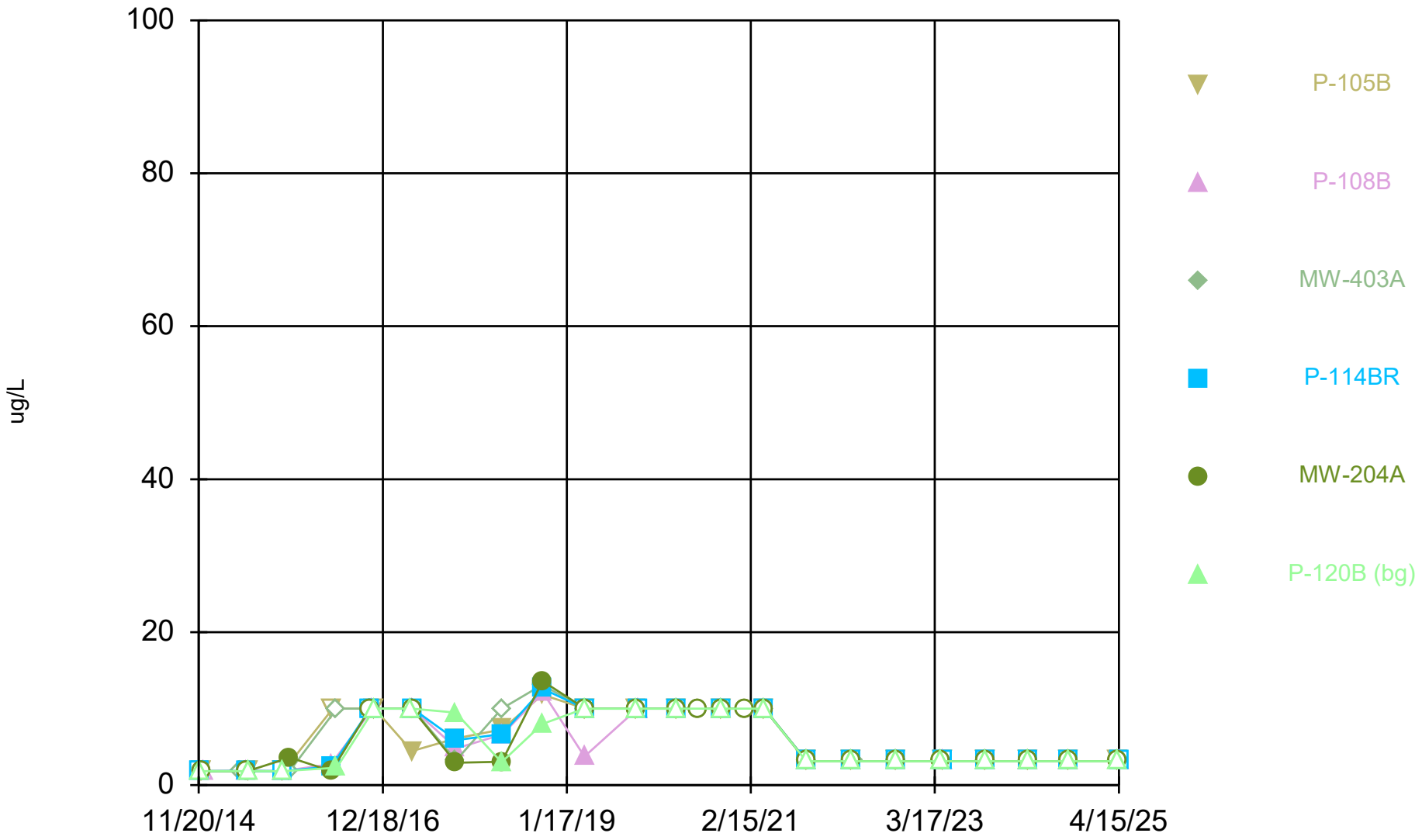

Constituent: Acetone Analysis Run 6/12/2025 2:10 PM View: All Wells - Appendix I VOCs

DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

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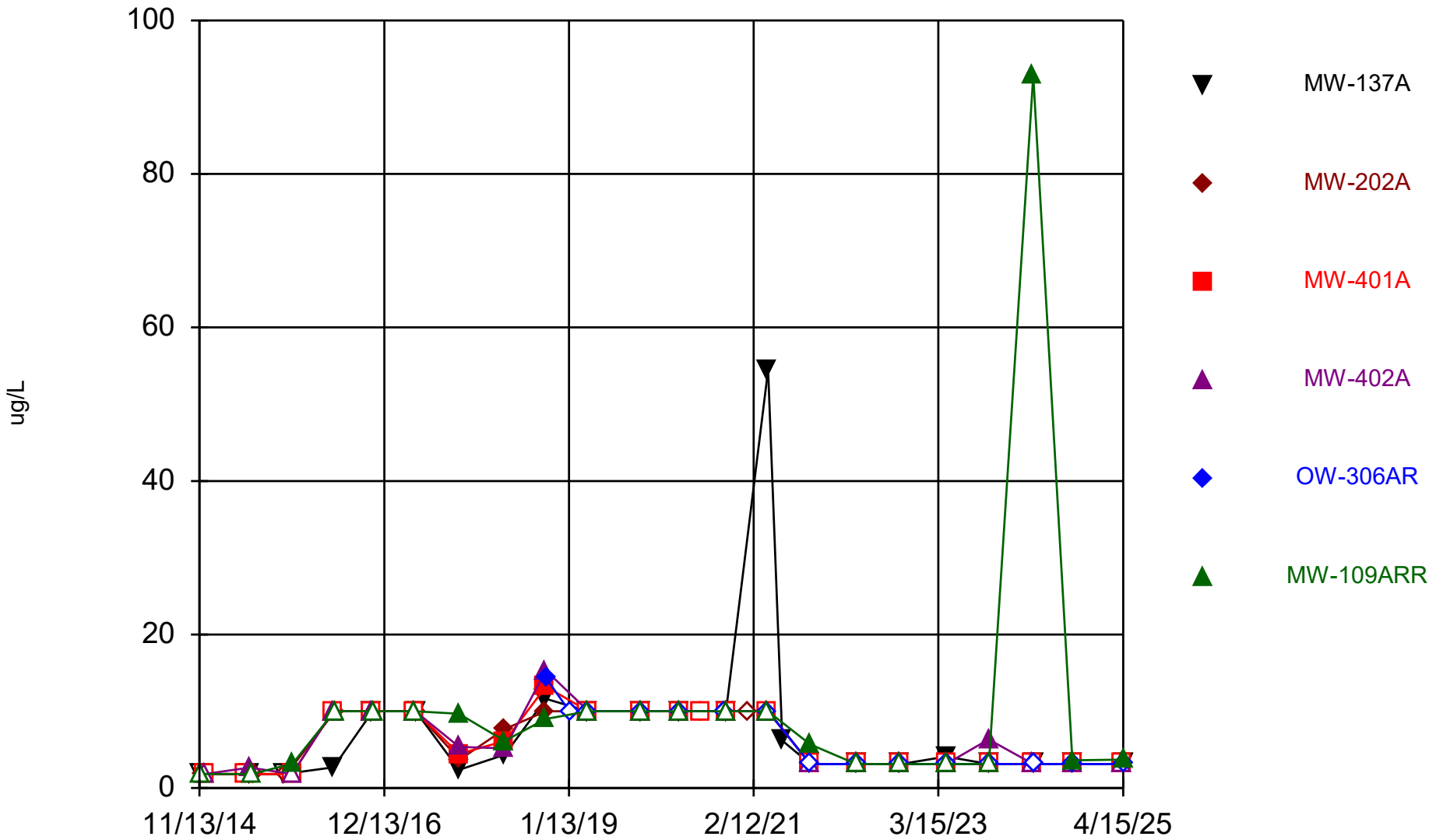
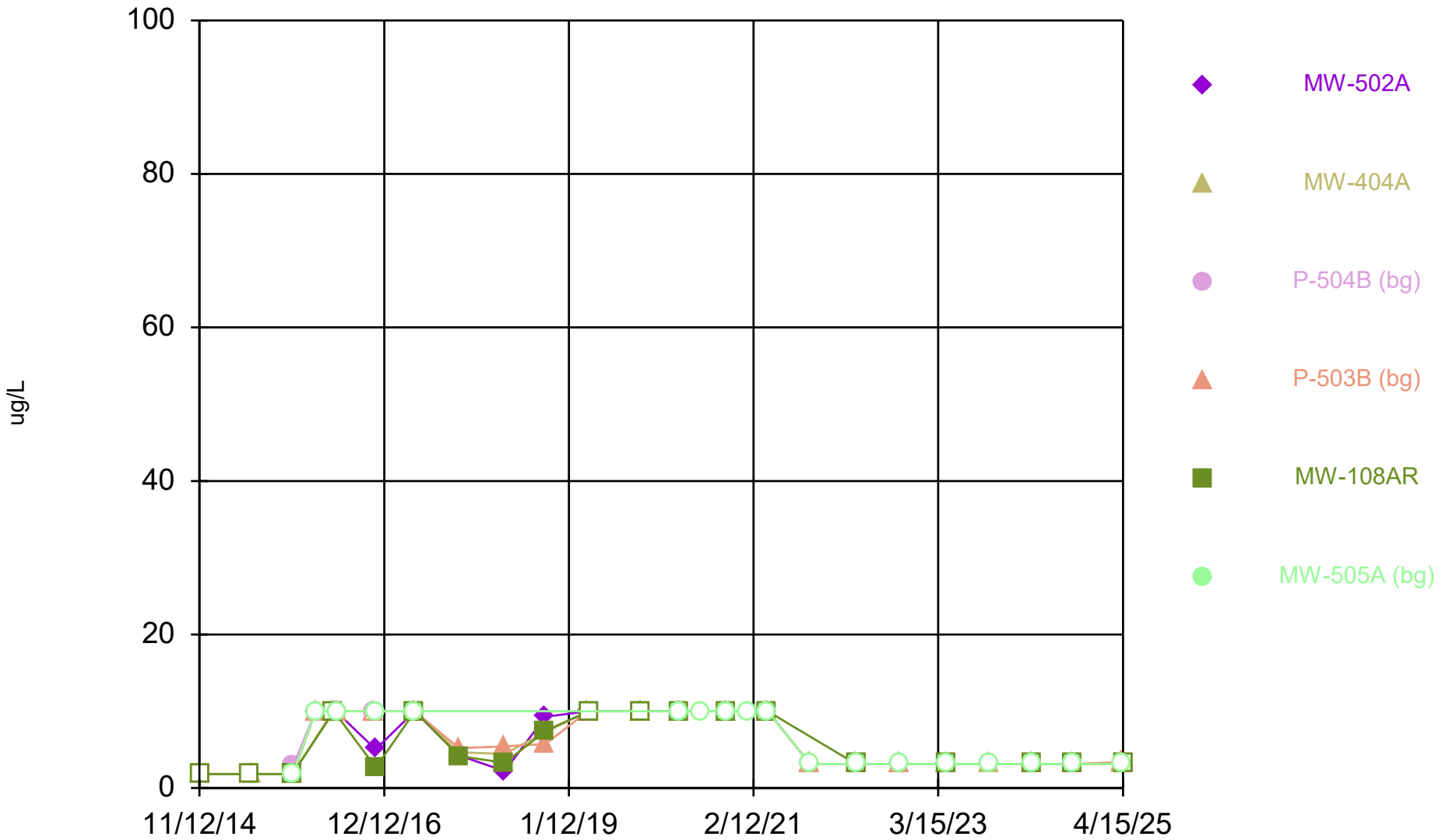


Constituent: Acetone Analysis Run 6/12/2025 2:10 PM View: All Wells - Appendix I VOCs

DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

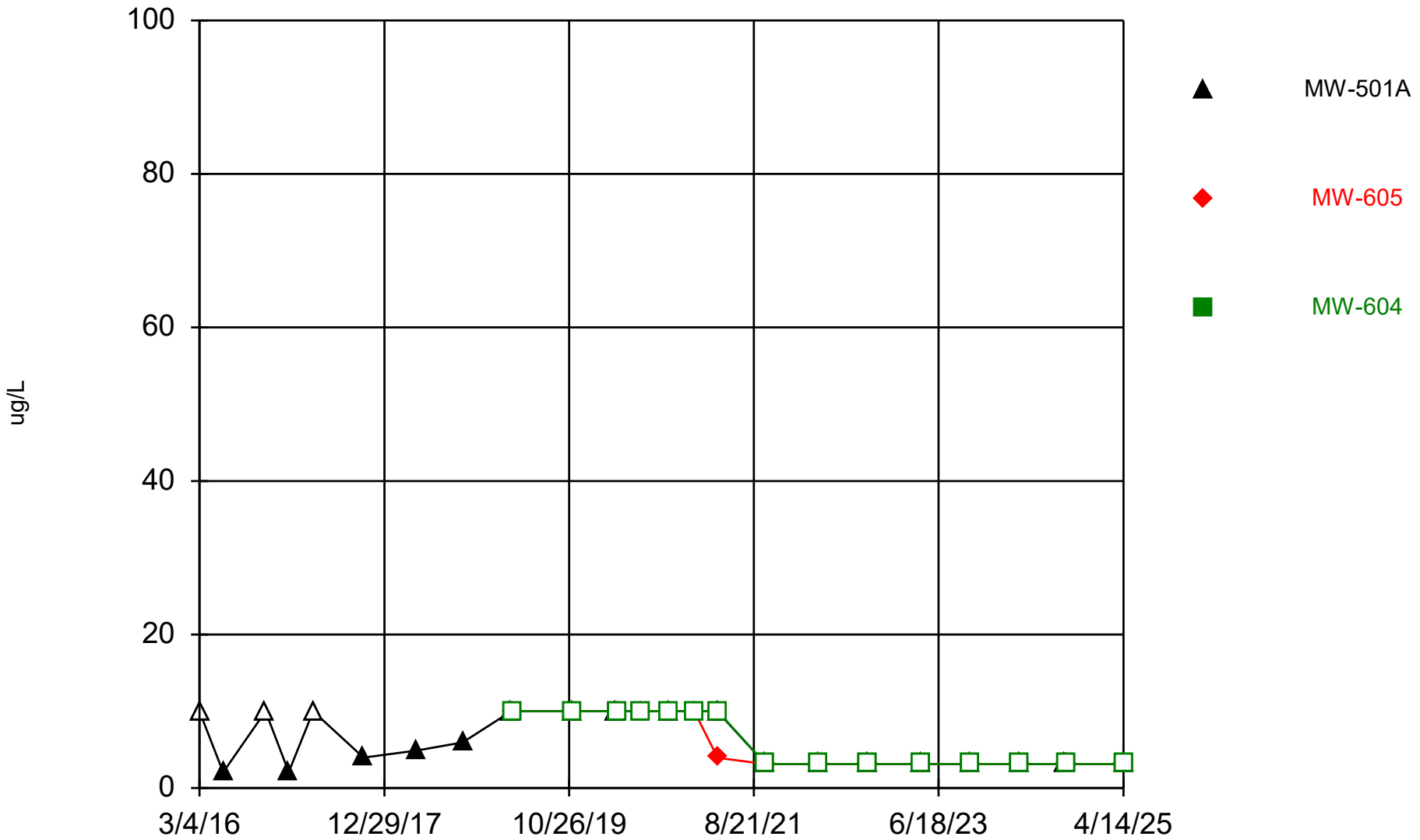


Constituent: Acetone Analysis Run 6/12/2025 2:10 PM View: All Wells - Appendix I VOCs

DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

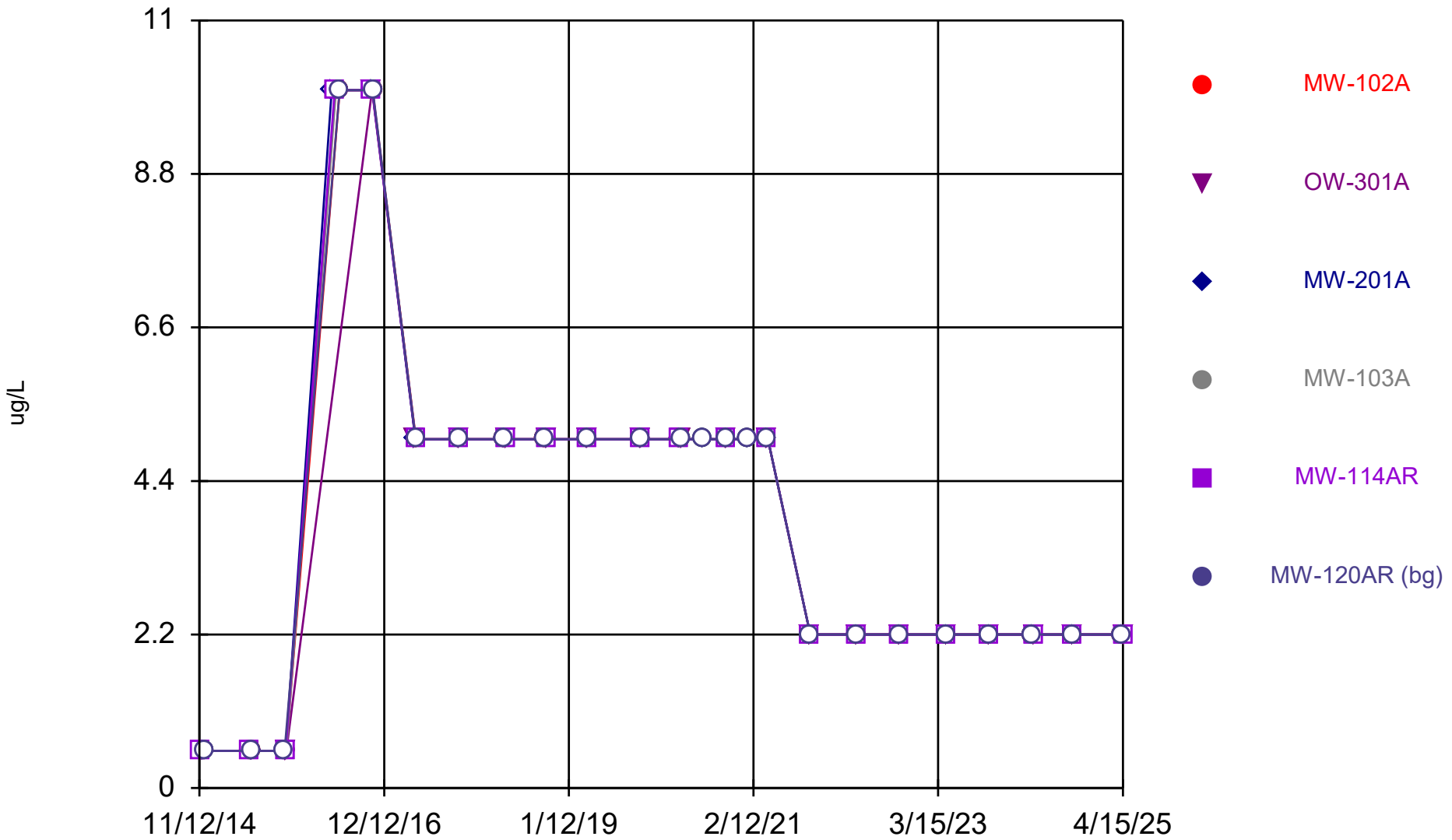


Constituent: Acetone Analysis Run 6/12/2025 2:10 PM View: All Wells - Appendix I VOCs

DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

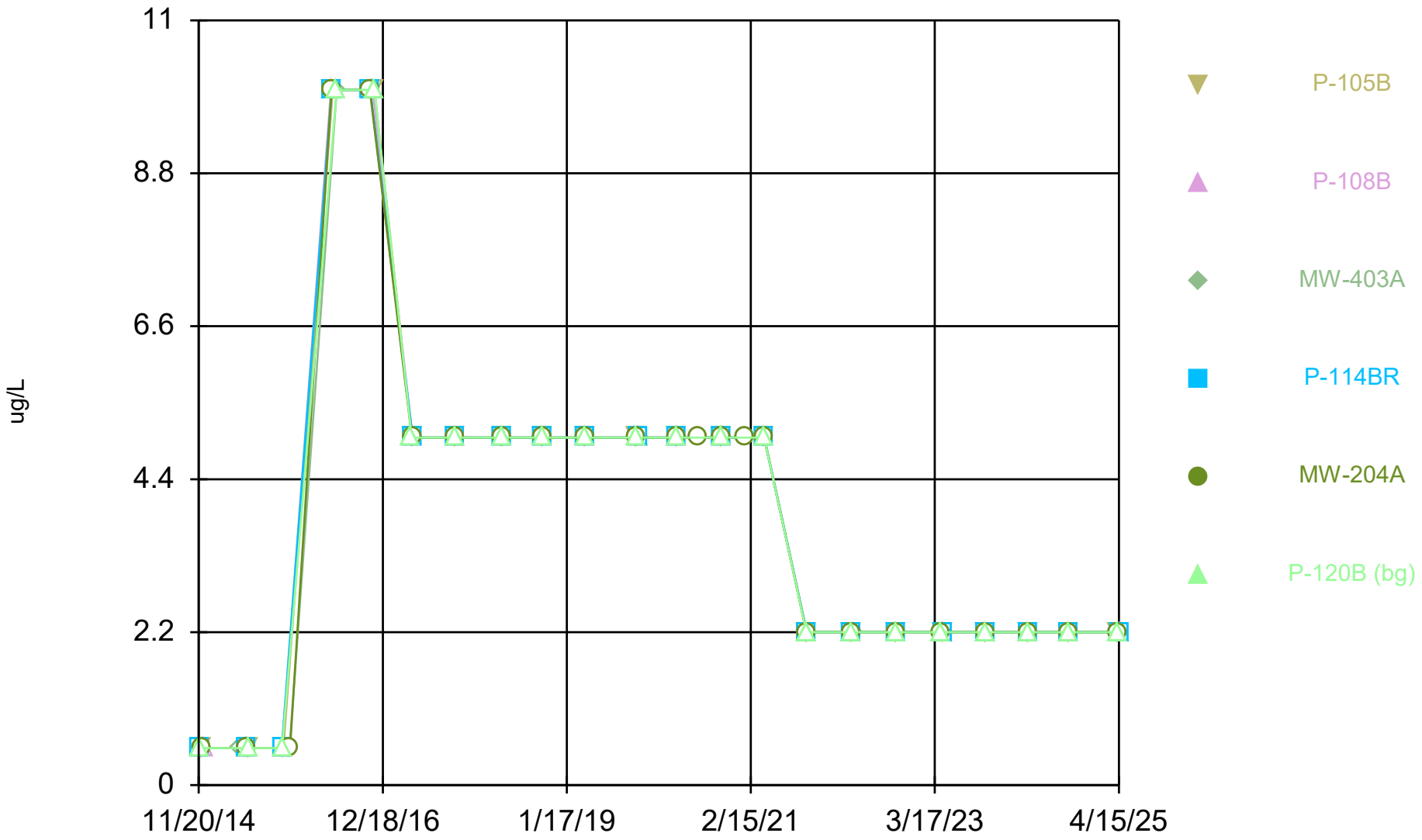
Time Series



Constituent: Acrylonitrile Analysis Run 6/12/2025 2:10 PM View: All Wells - Appendix I VOCs DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

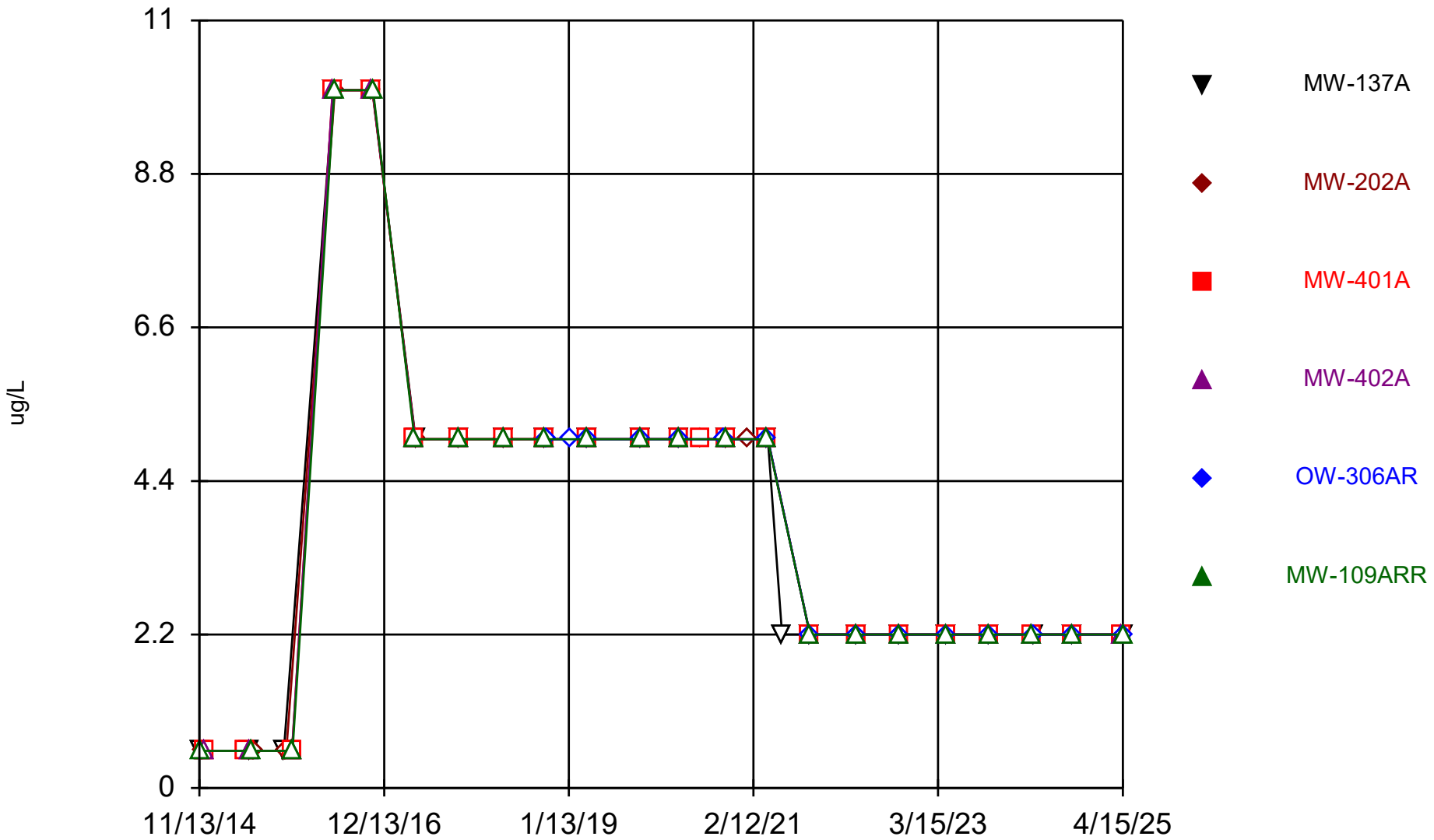
Time Series



Constituent: Acrylonitrile Analysis Run 6/12/2025 2:10 PM View: All Wells - Appendix I VOCs DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series



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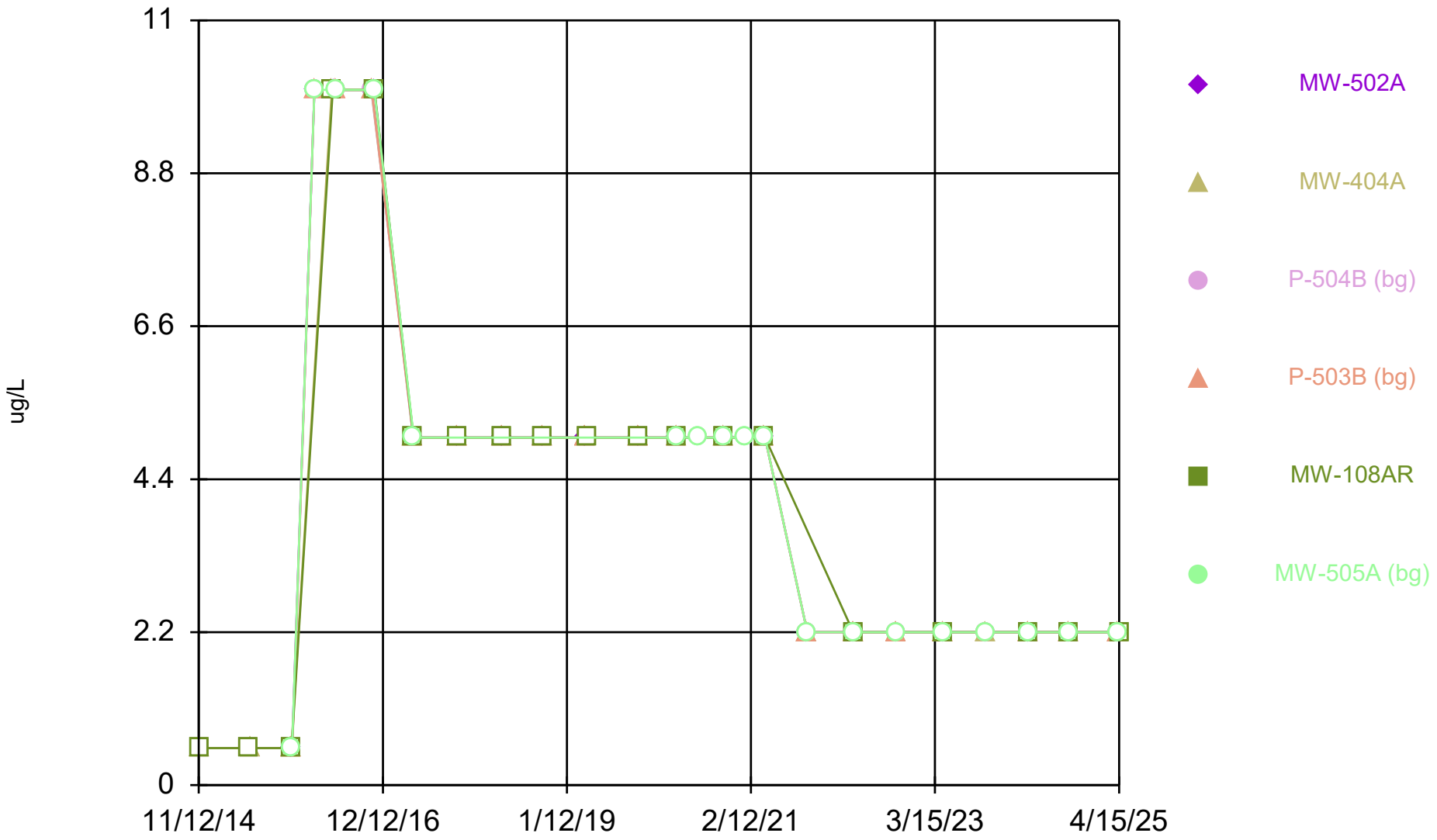
Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

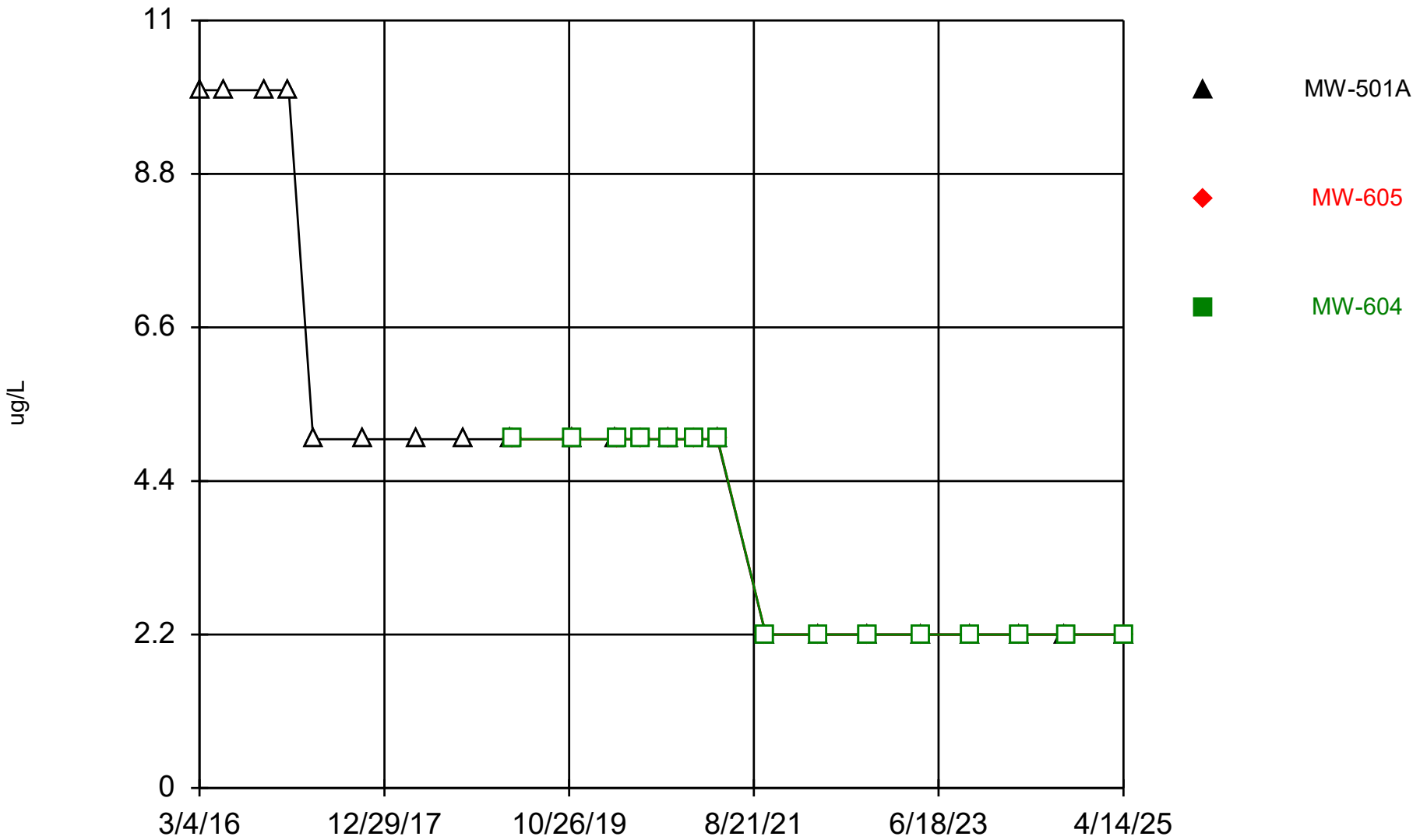
Time Series



Constituent: Acrylonitrile Analysis Run 6/12/2025 2:10 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

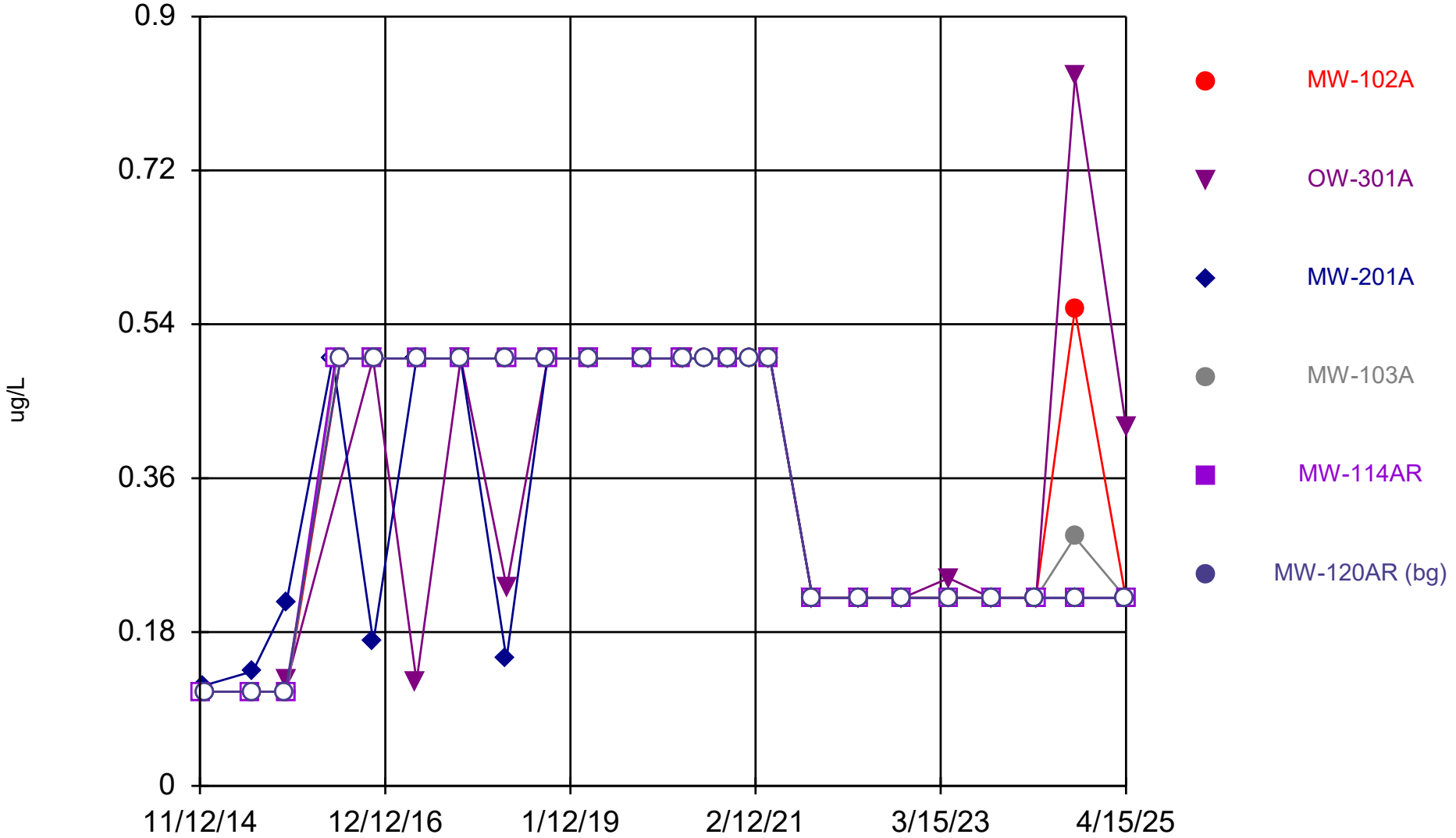
Time Series



Constituent: Acrylonitrile Analysis Run 6/12/2025 2:10 PM View: All Wells - Appendix I VOCs DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

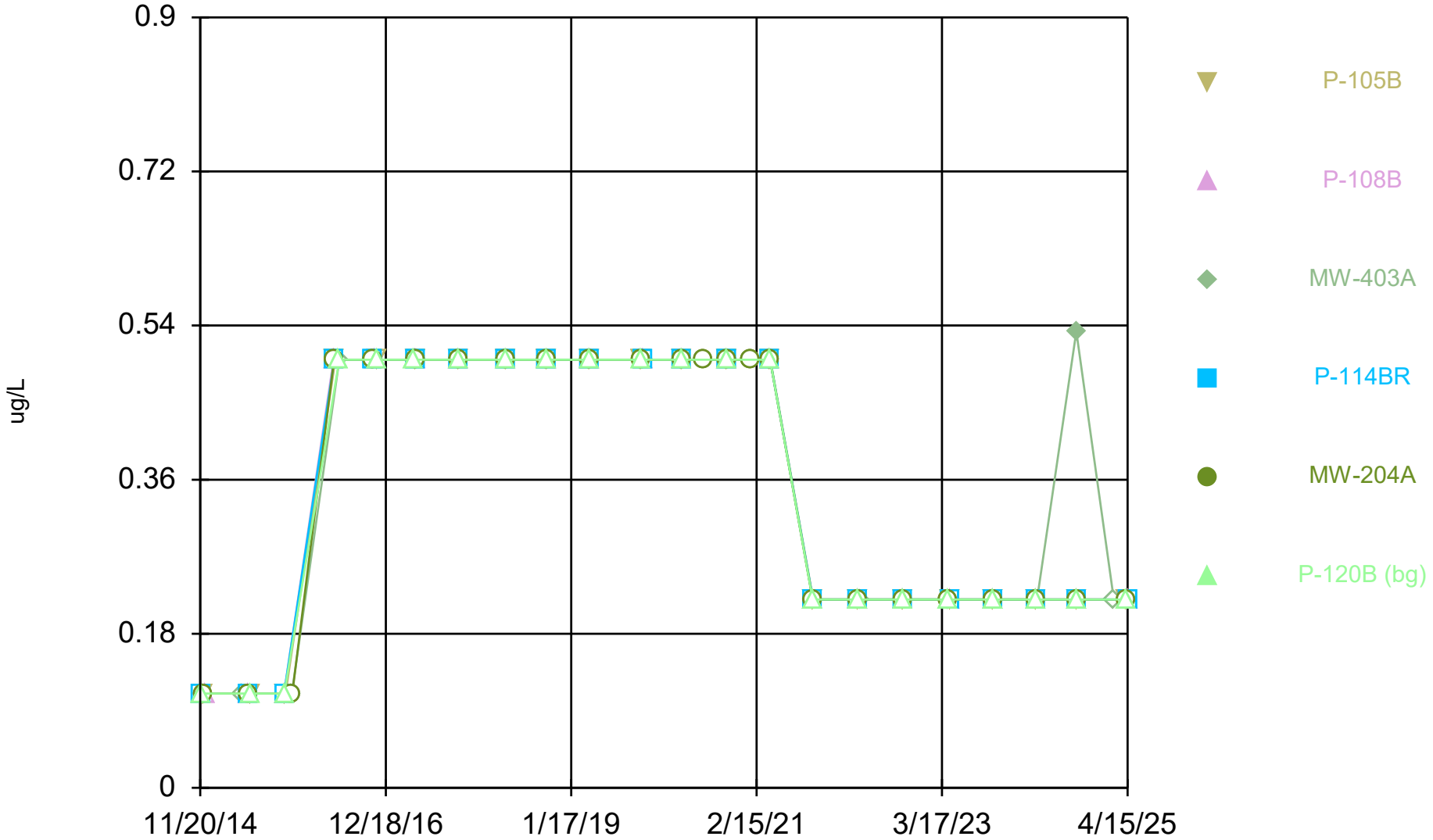


Constituent: Benzene Analysis Run 6/12/2025 2:10 PM View: All Wells - Appendix I VOCs

DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

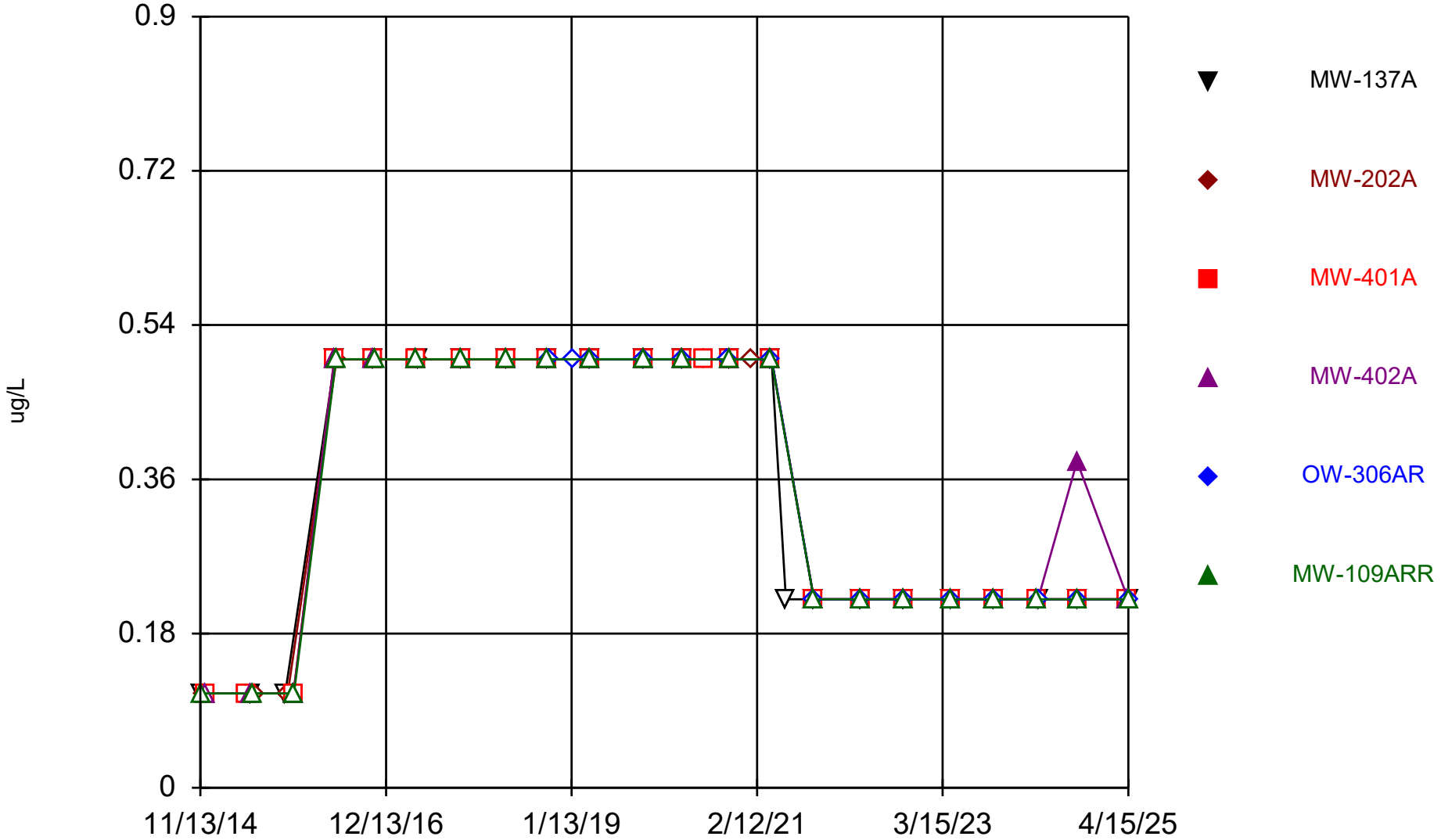
Time Series



Constituent: Benzene Analysis Run 6/12/2025 2:10 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

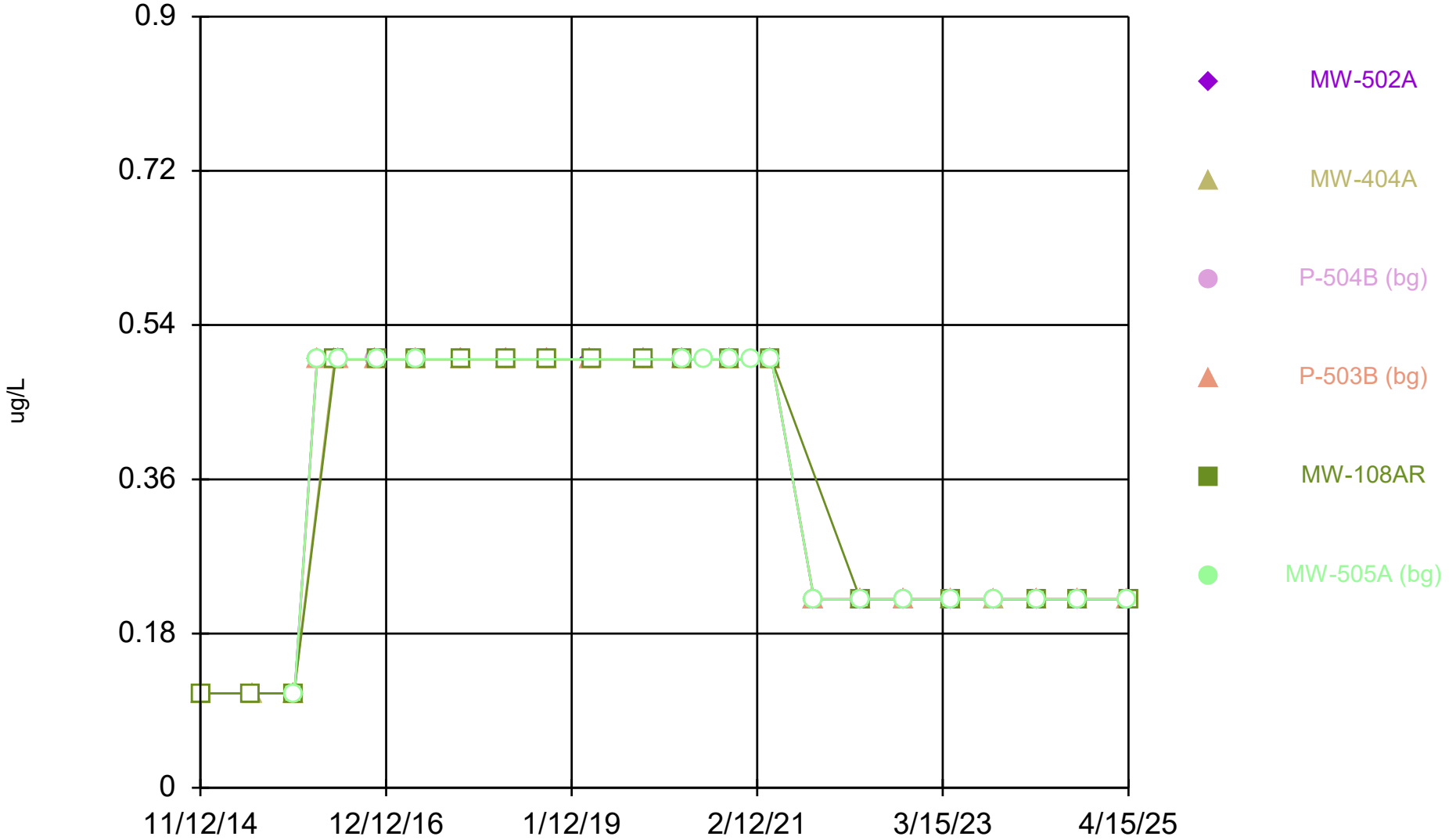
Time Series



Constituent: Benzene Analysis Run 6/12/2025 2:10 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

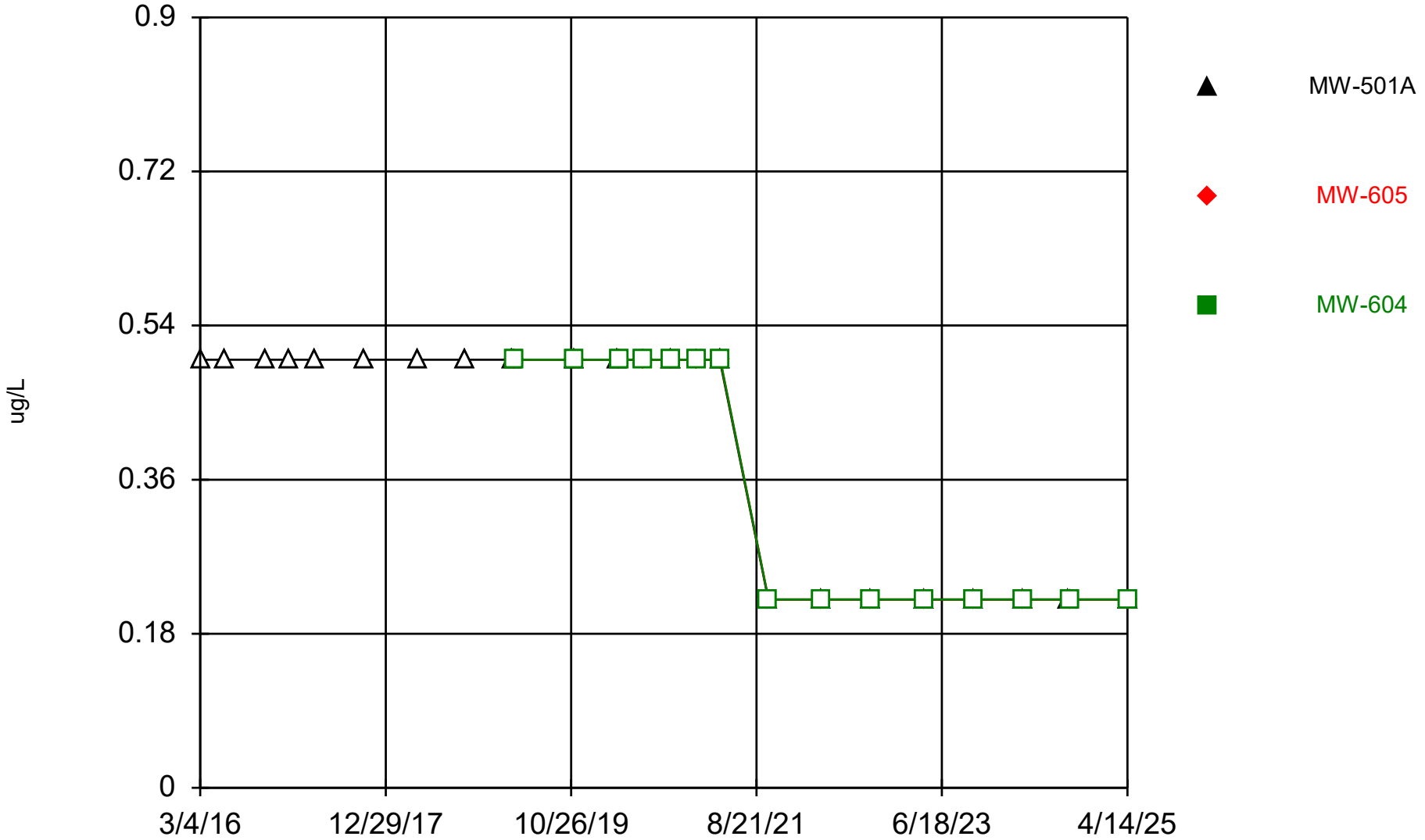
Time Series



Constituent: Benzene Analysis Run 6/12/2025 2:10 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

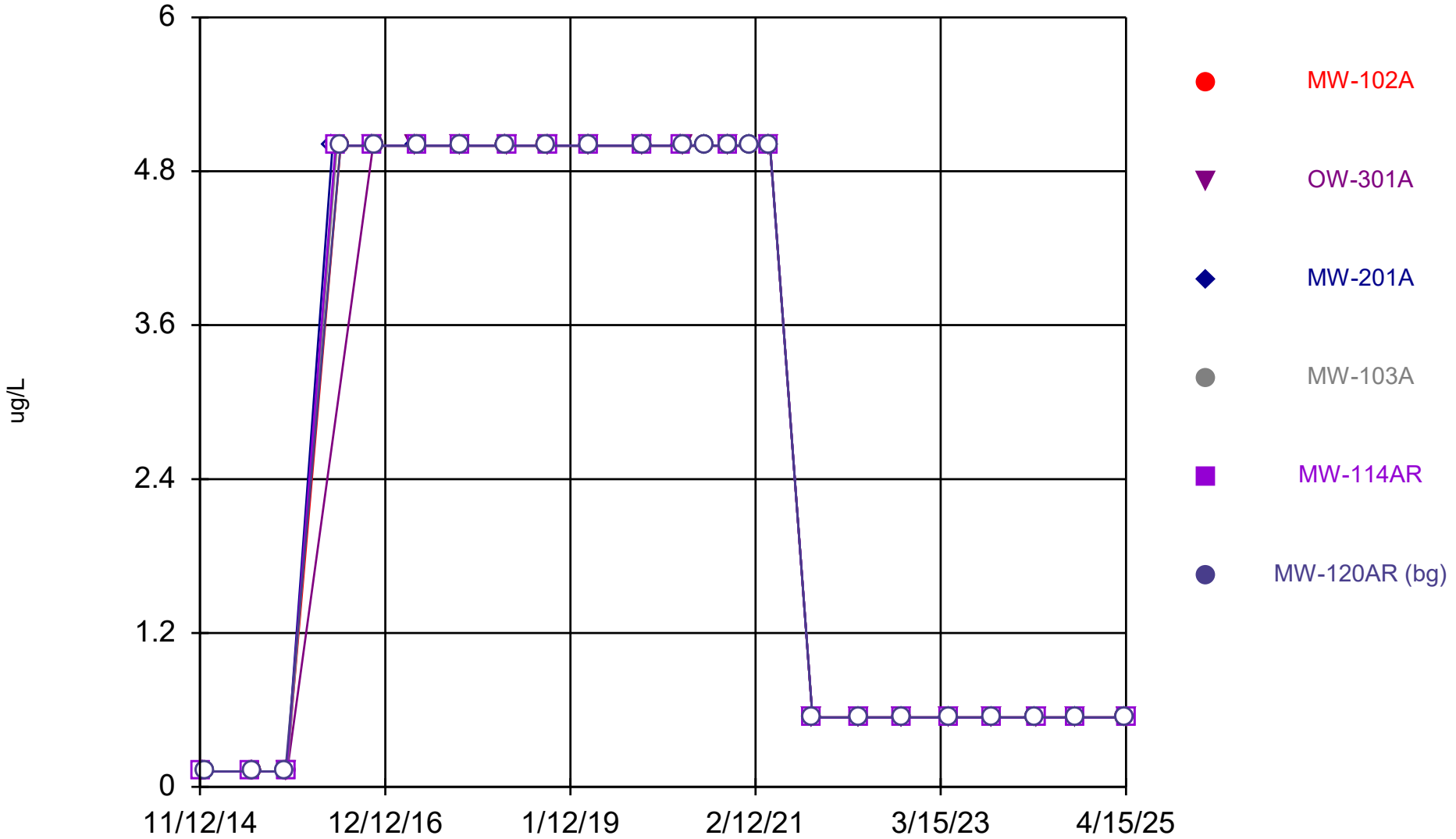
Time Series



Constituent: Benzene Analysis Run 6/12/2025 2:10 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

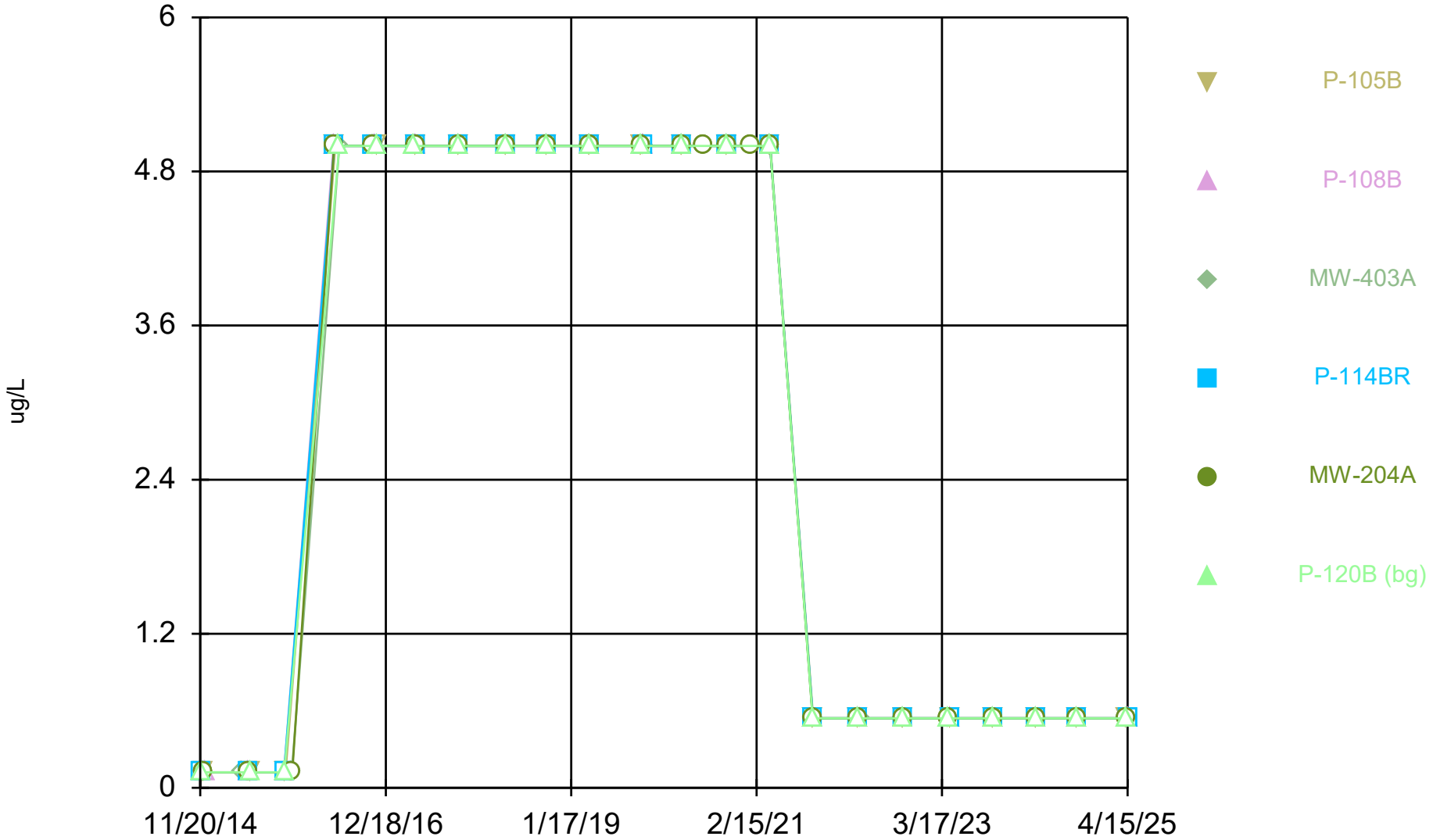
Time Series



Constituent: Bromochloromethane Analysis Run 6/12/2025 2:10 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Bromochloromethane Analysis Run 6/12/2025 2:10 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

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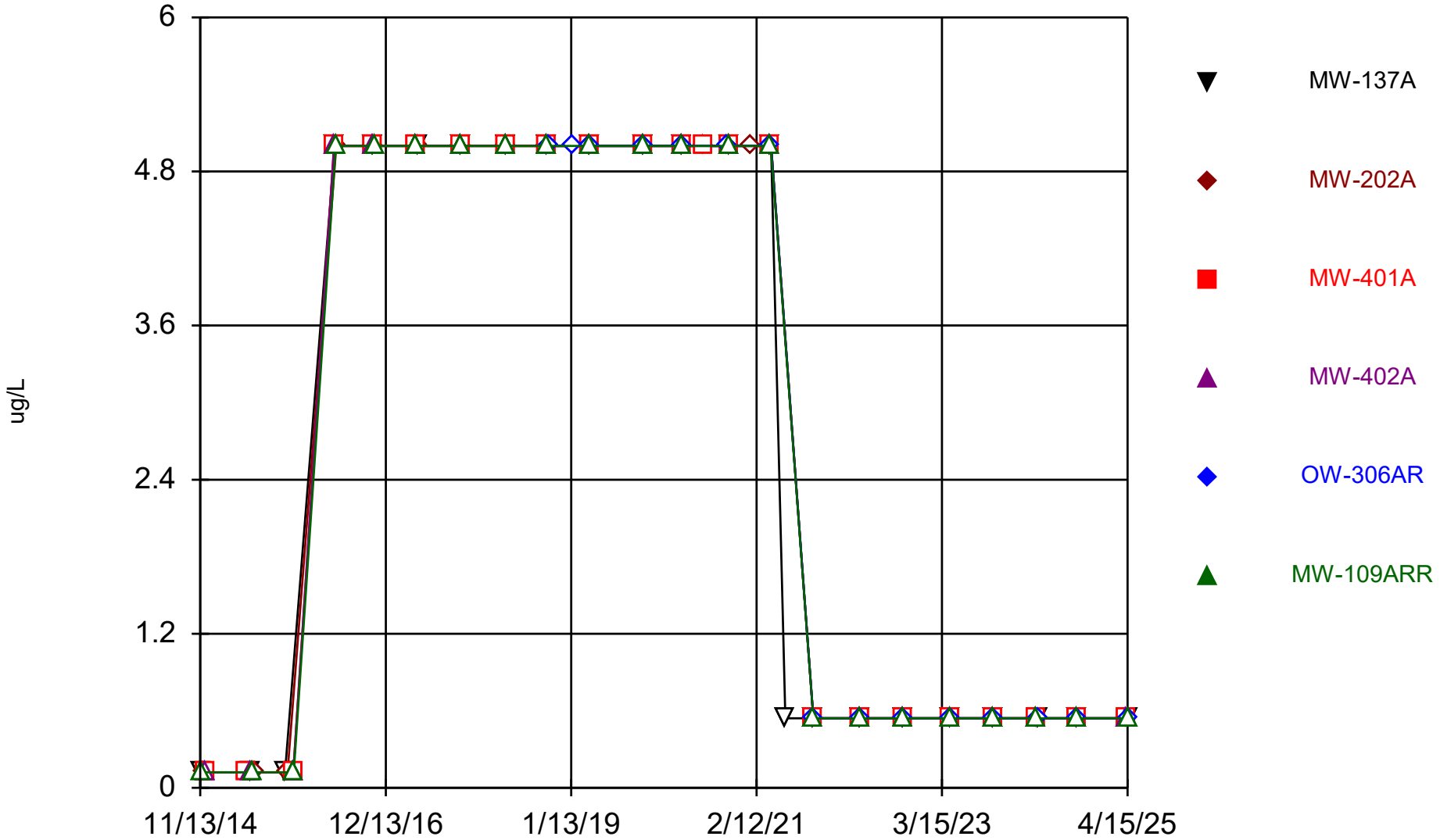

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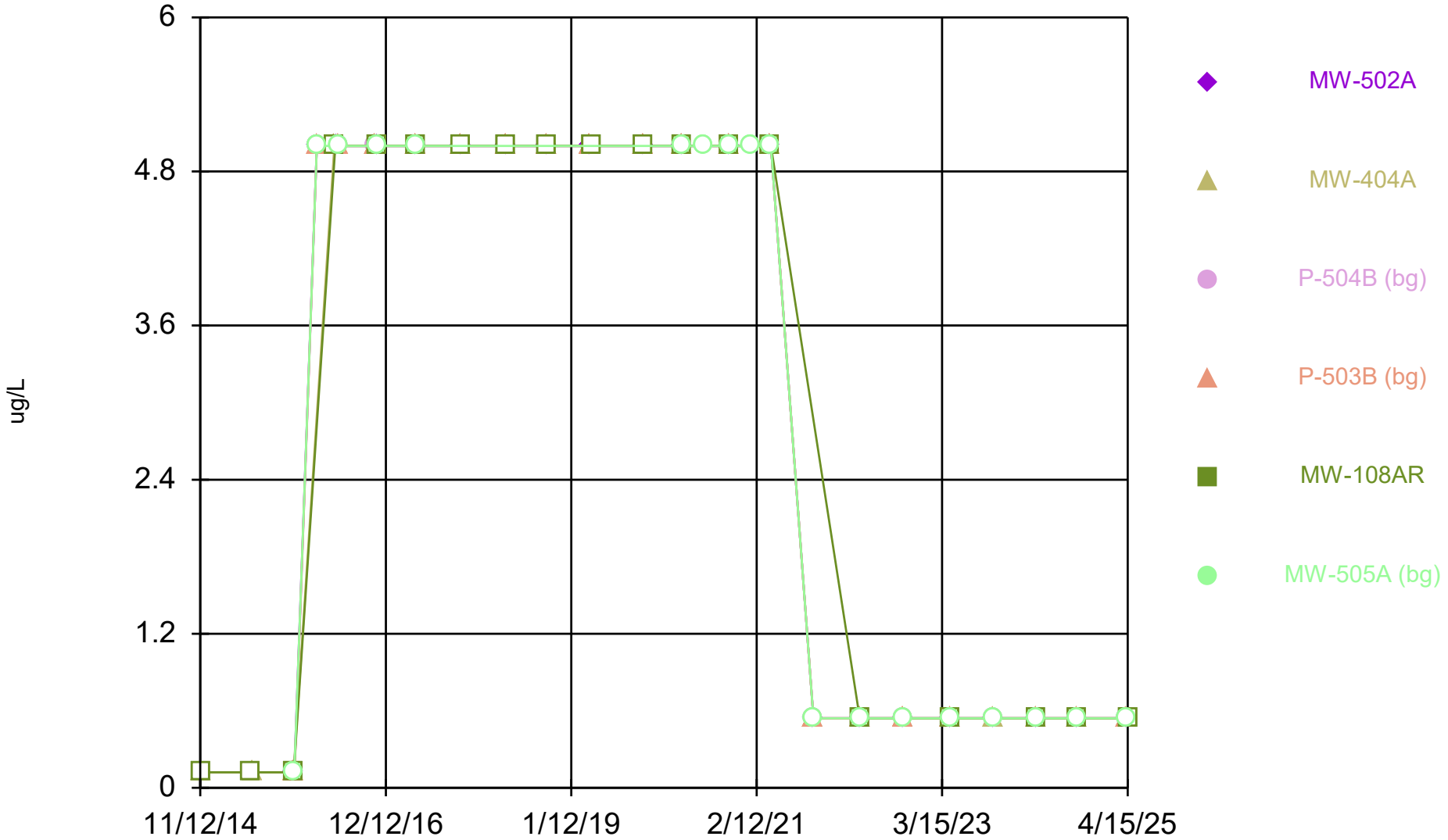
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Bromochloromethane Analysis Run 6/12/2025 2:10 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

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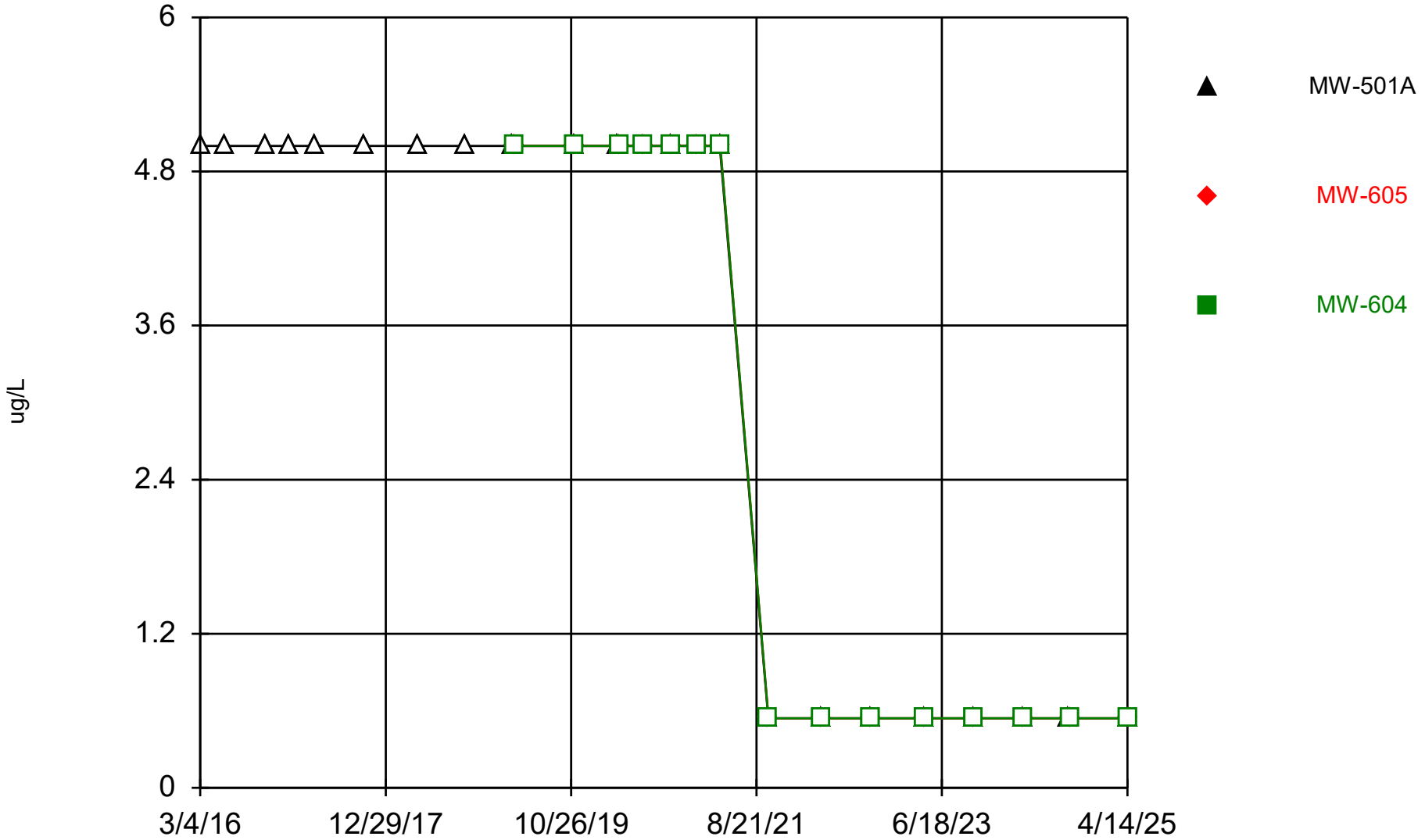

Constituent: Bromochloromethane Analysis Run 6/12/2025 2:10 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

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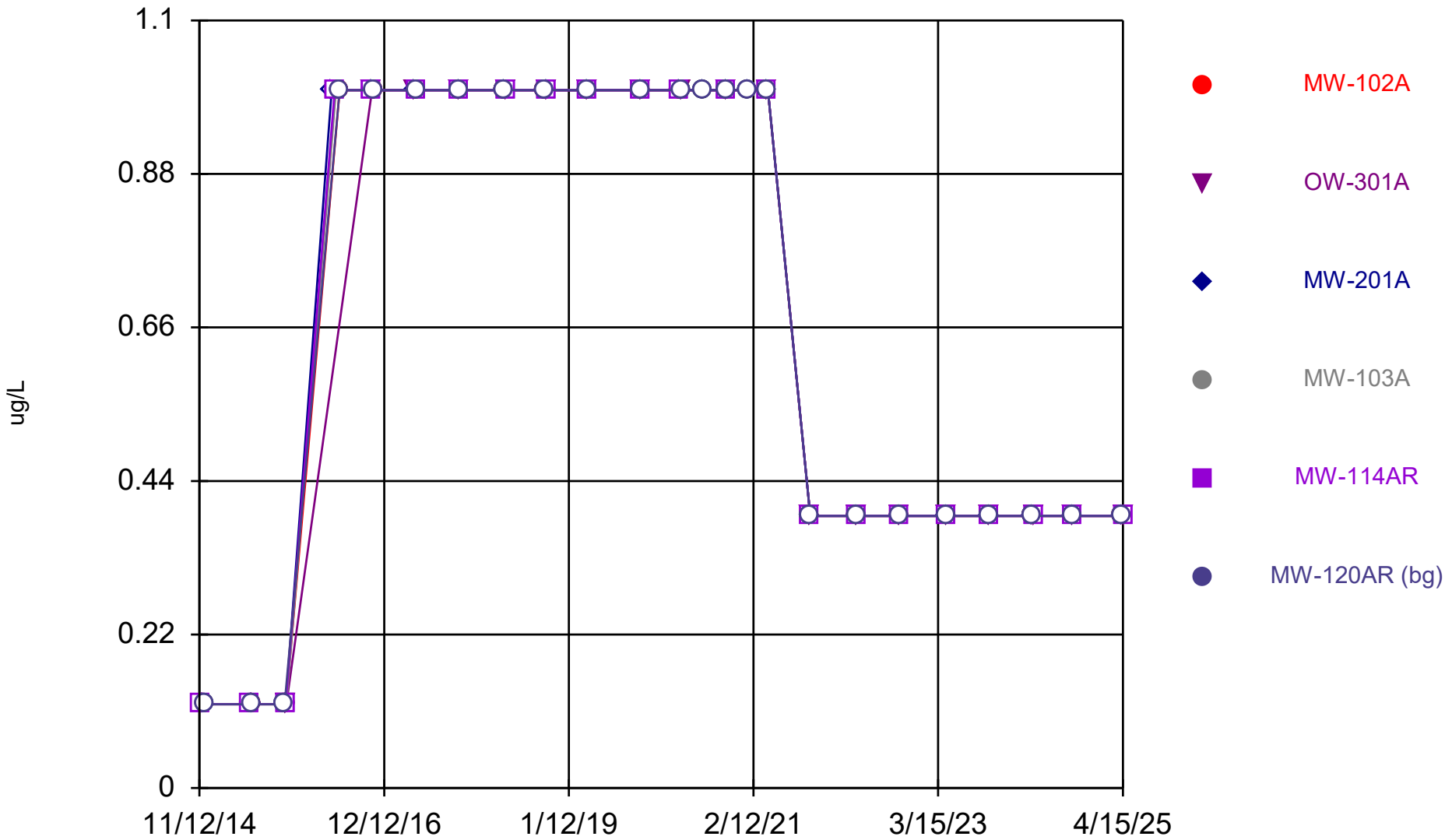

Constituent: Bromodichloromethane Analysis Run 6/12/2025 2:10 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

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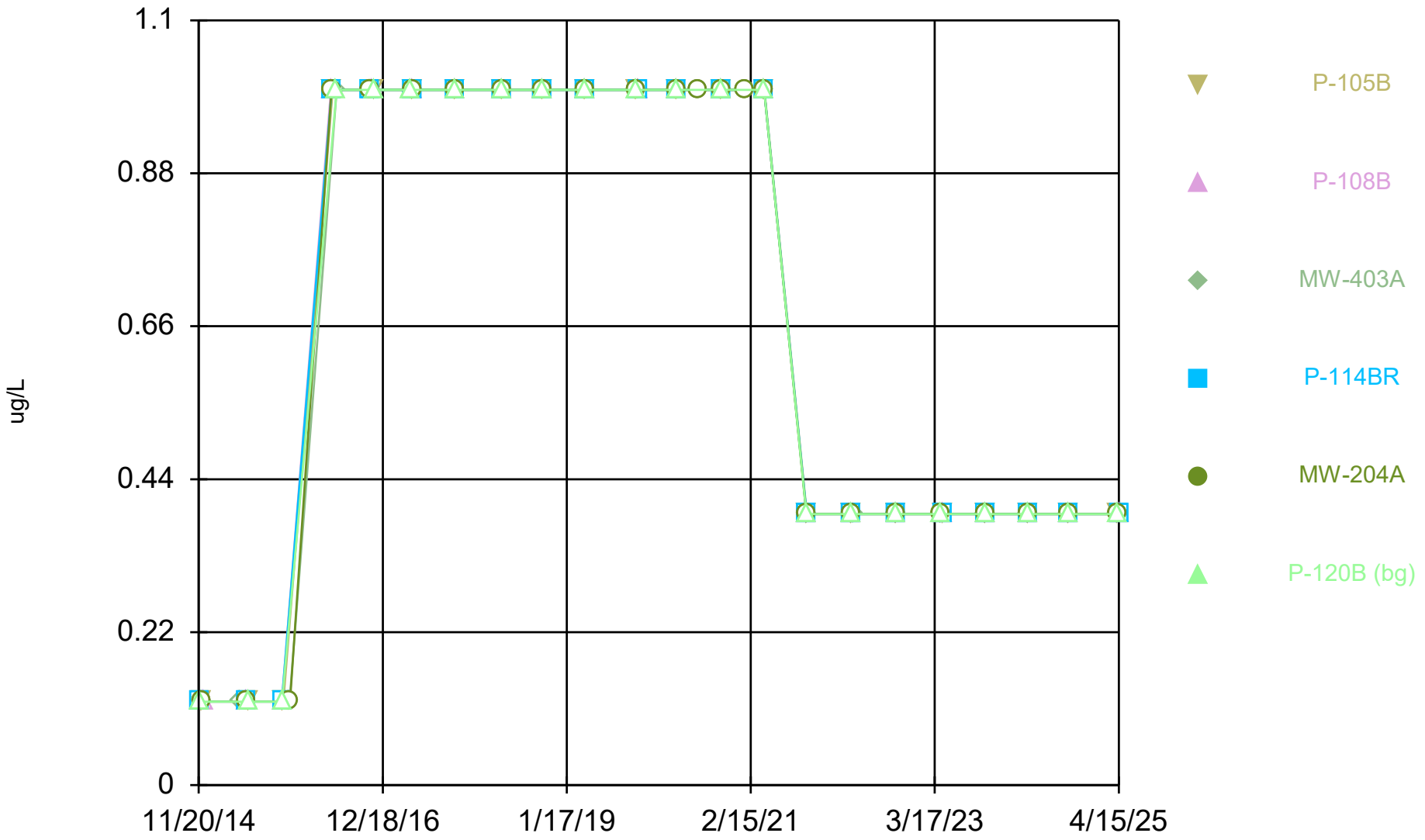

Constituent: Bromodichloromethane Analysis Run 6/12/2025 2:10 PM View: All Wells - Appendix I VOCs DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

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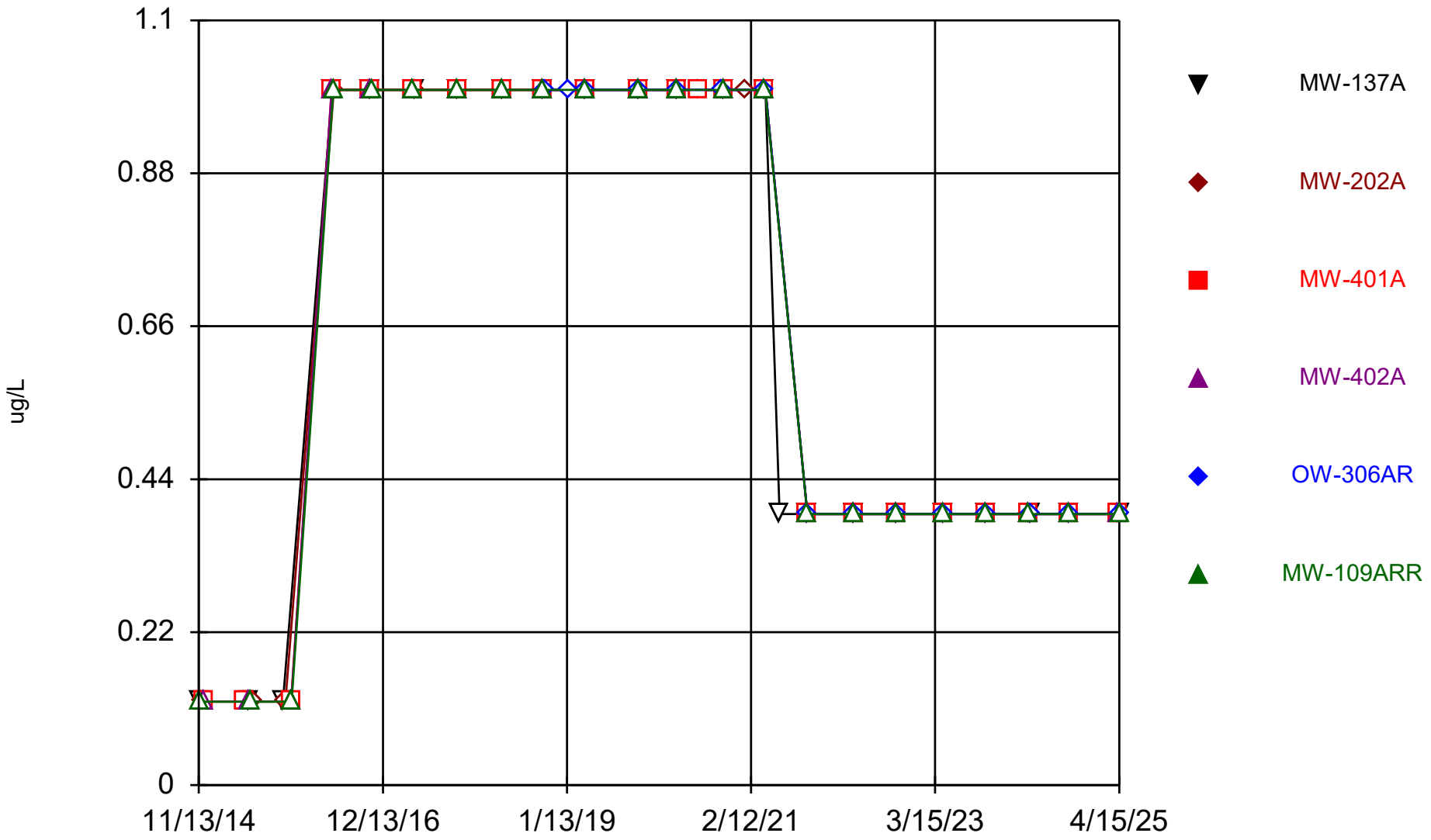
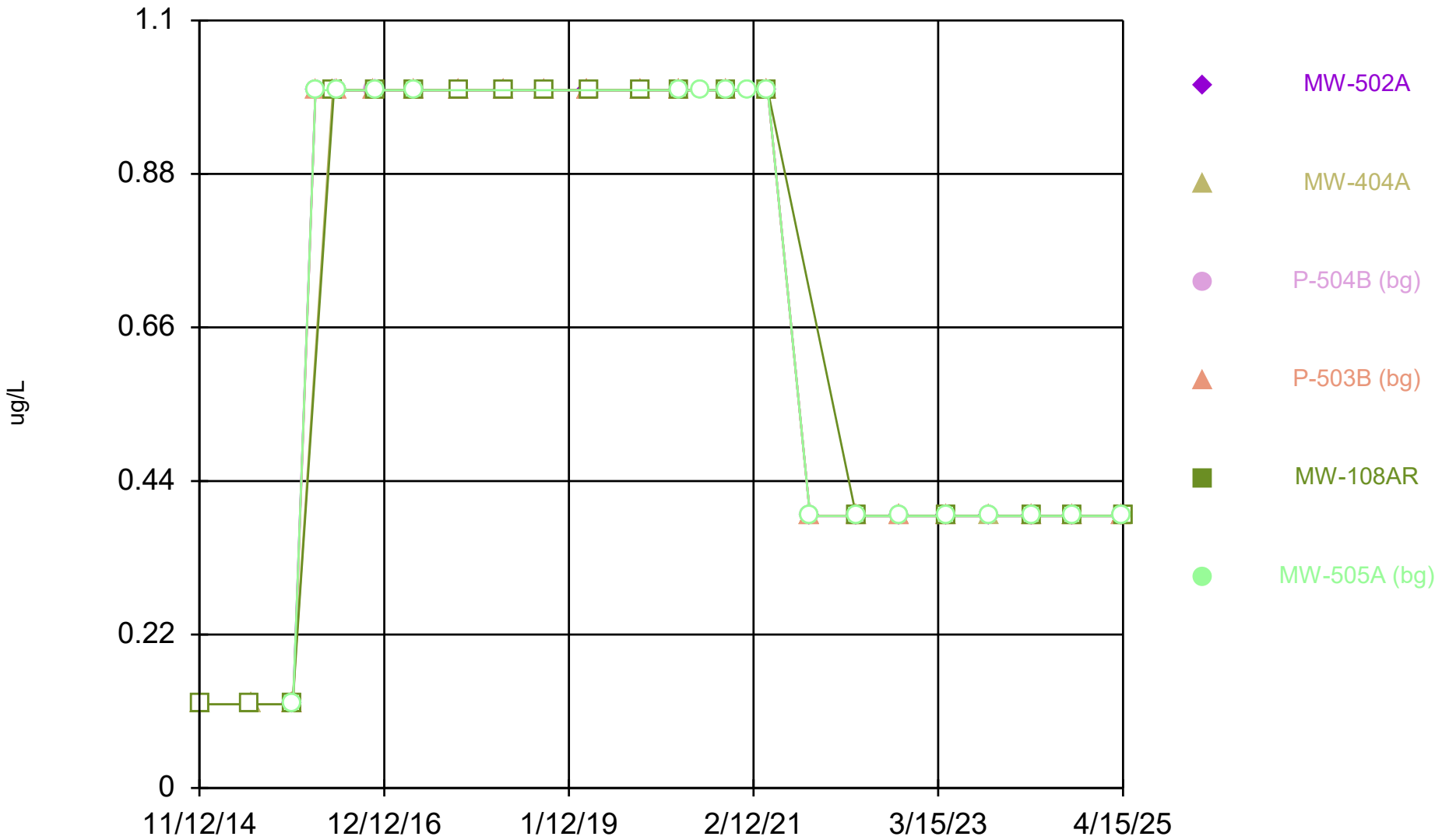


Constituent: Bromodichloromethane Analysis Run 6/12/2025 2:10 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

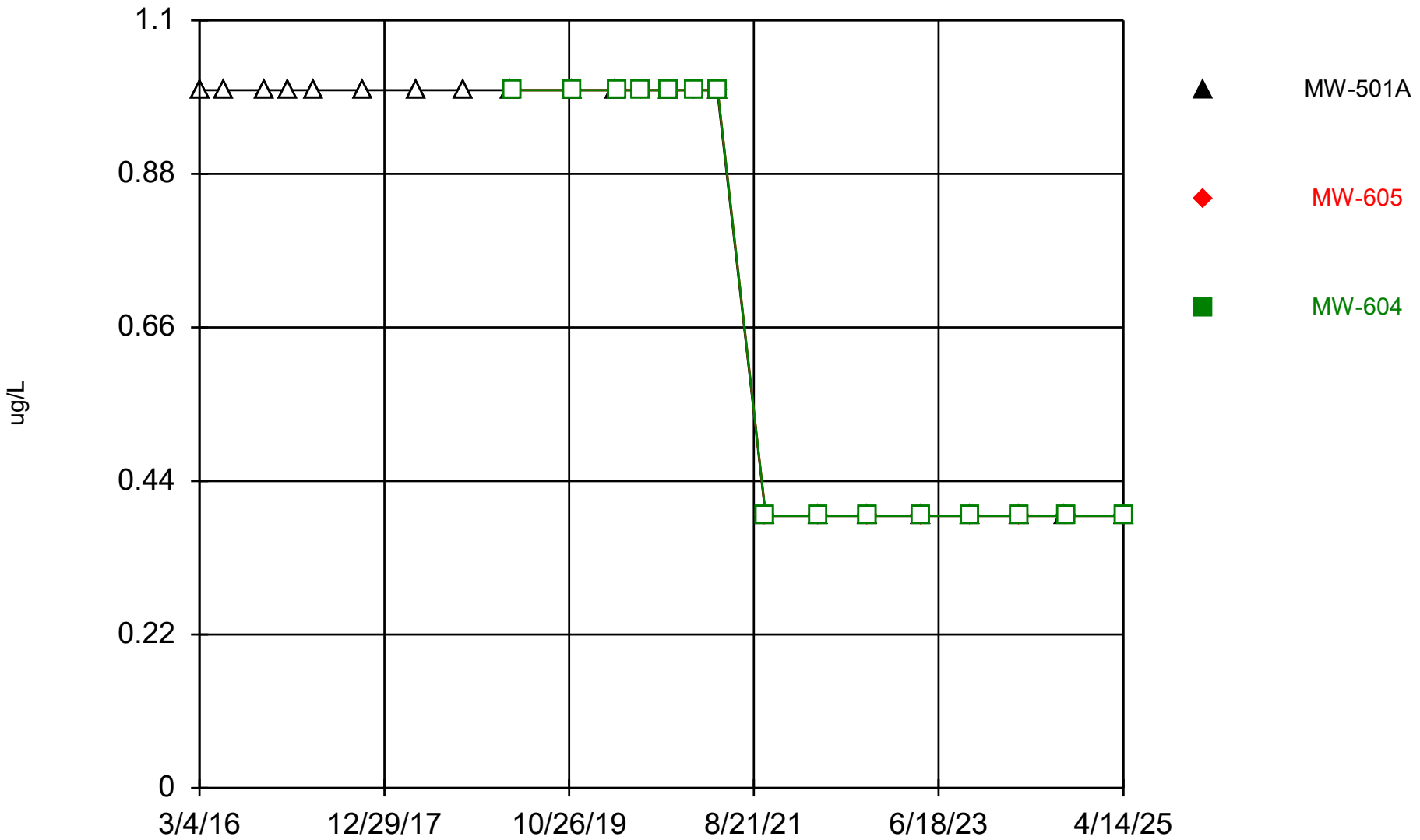
Time Series



Constituent: Bromodichloromethane Analysis Run 6/12/2025 2:10 PM View: All Wells - Appendix I VOCs DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

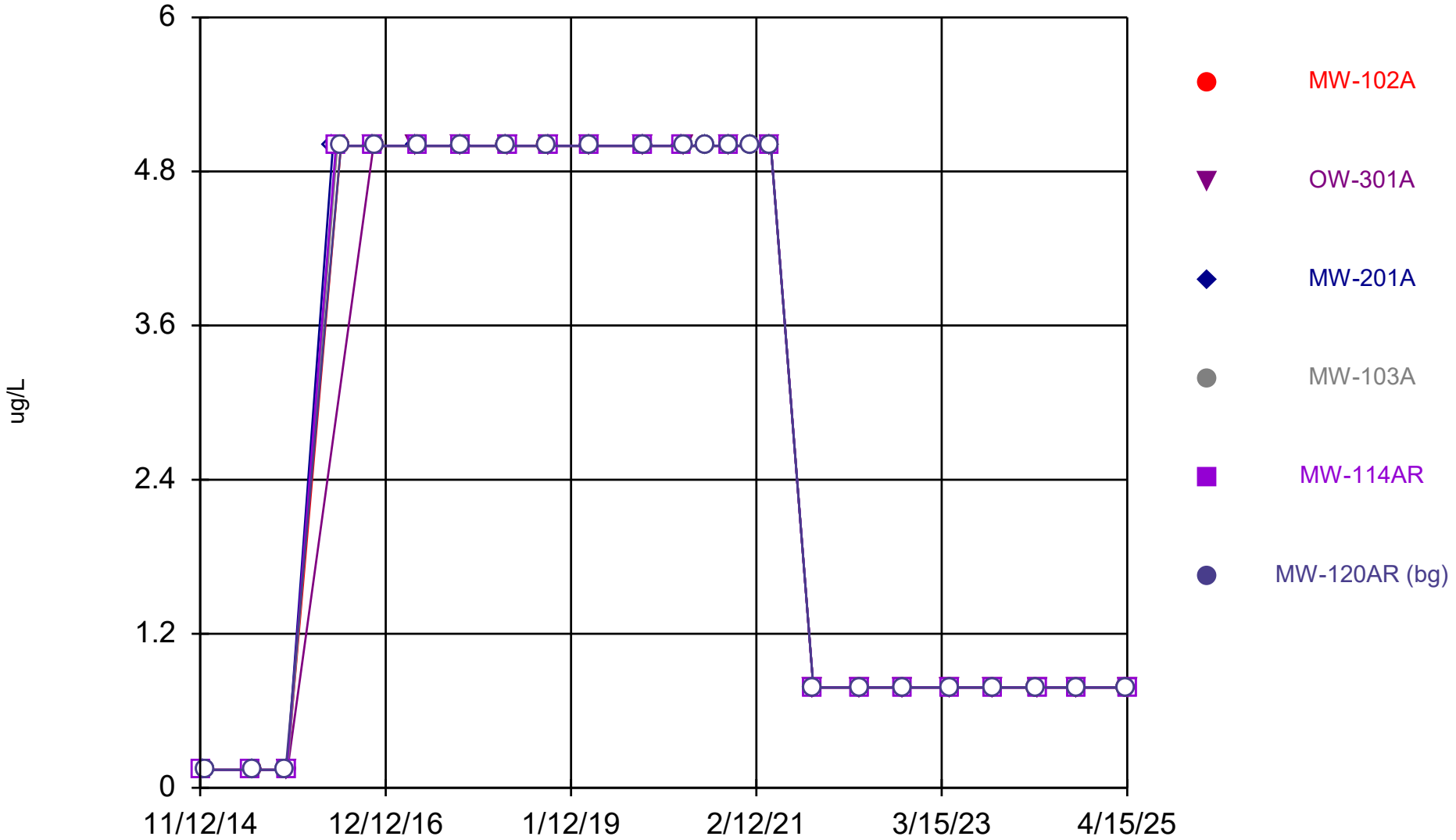
Time Series



Constituent: Bromodichloromethane Analysis Run 6/12/2025 2:10 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

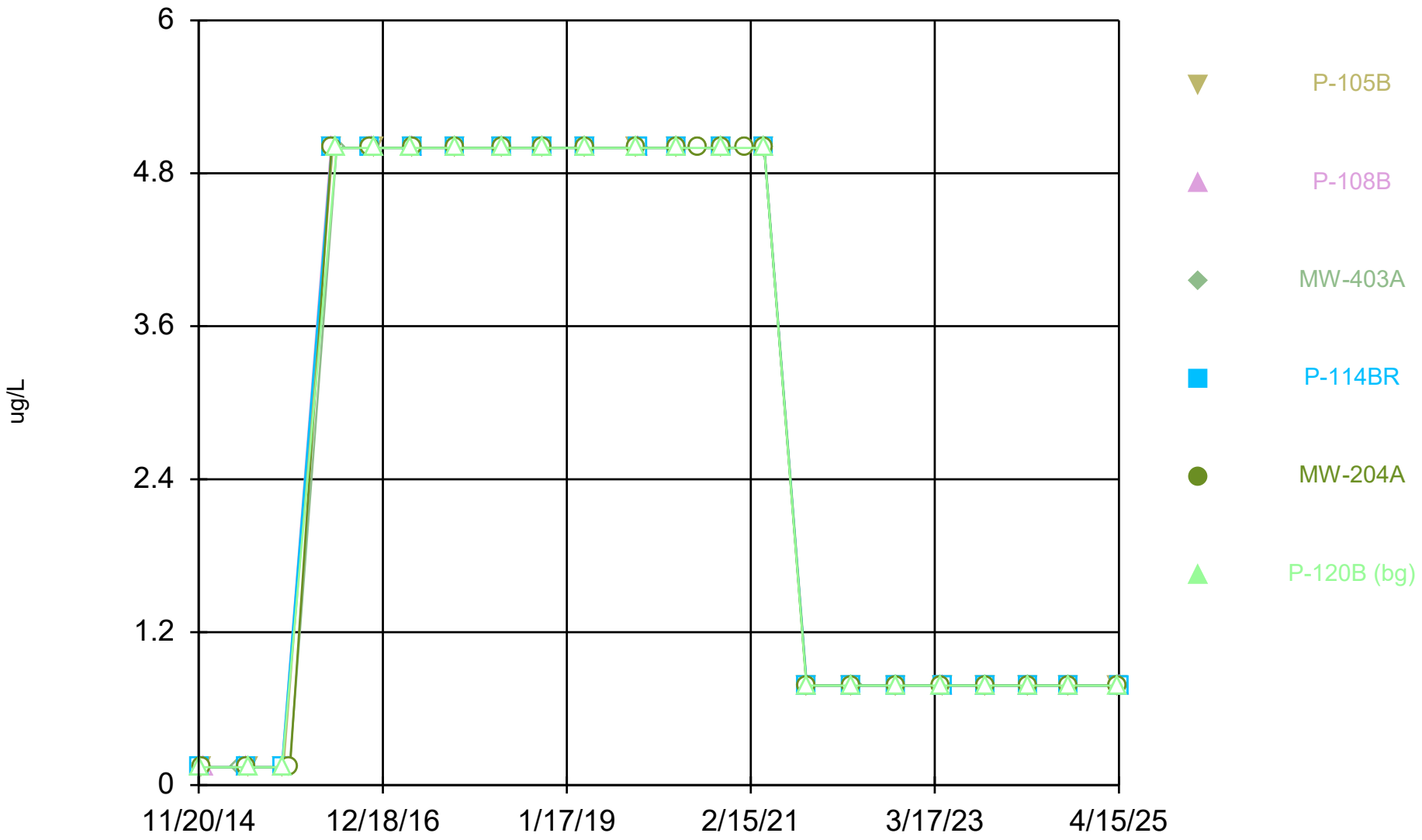
Time Series



Constituent: Bromoform Analysis Run 6/12/2025 2:10 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

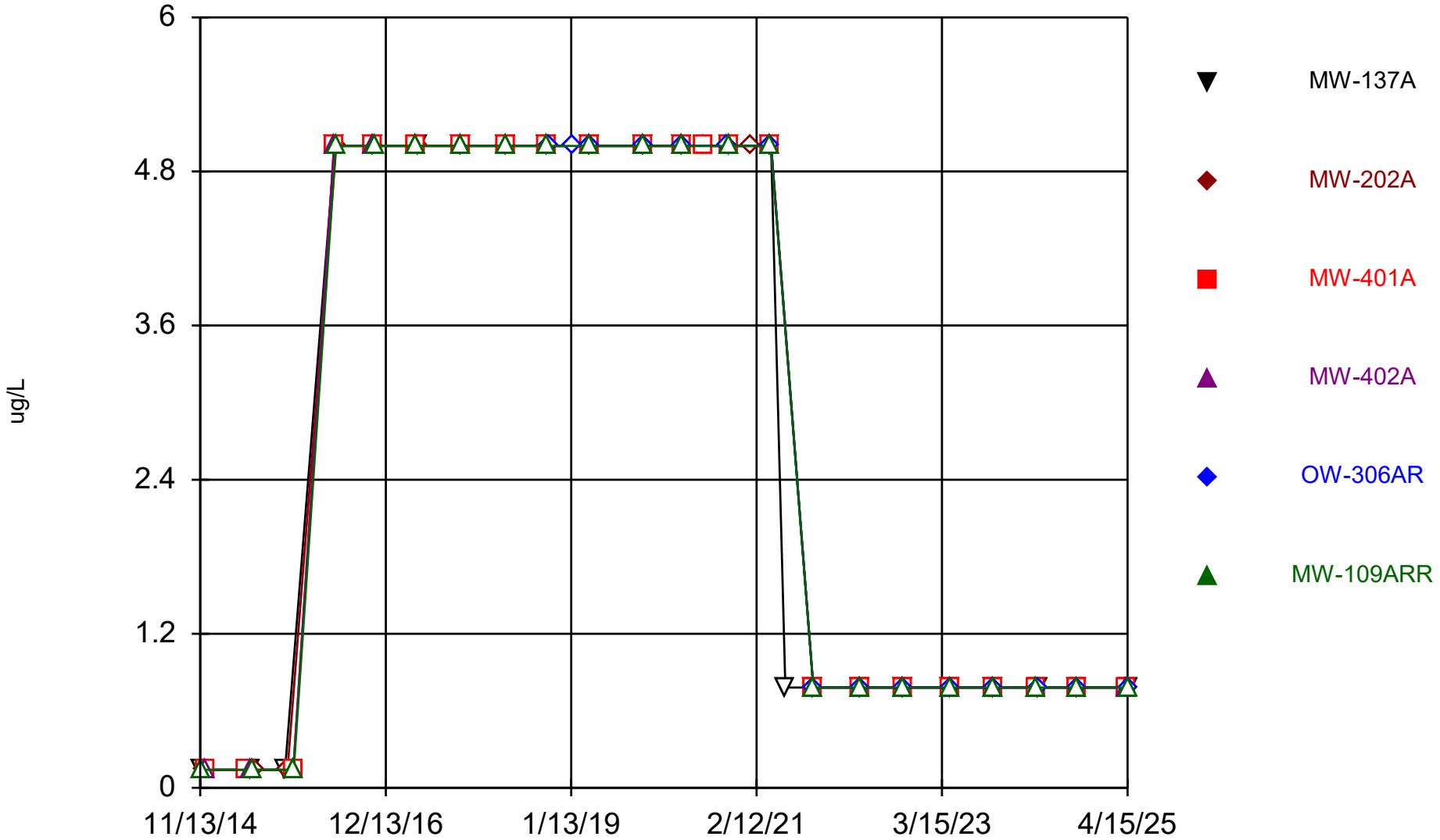
Time Series



Constituent: Bromoform Analysis Run 6/12/2025 2:10 PM View: All Wells - Appendix I VOCs DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

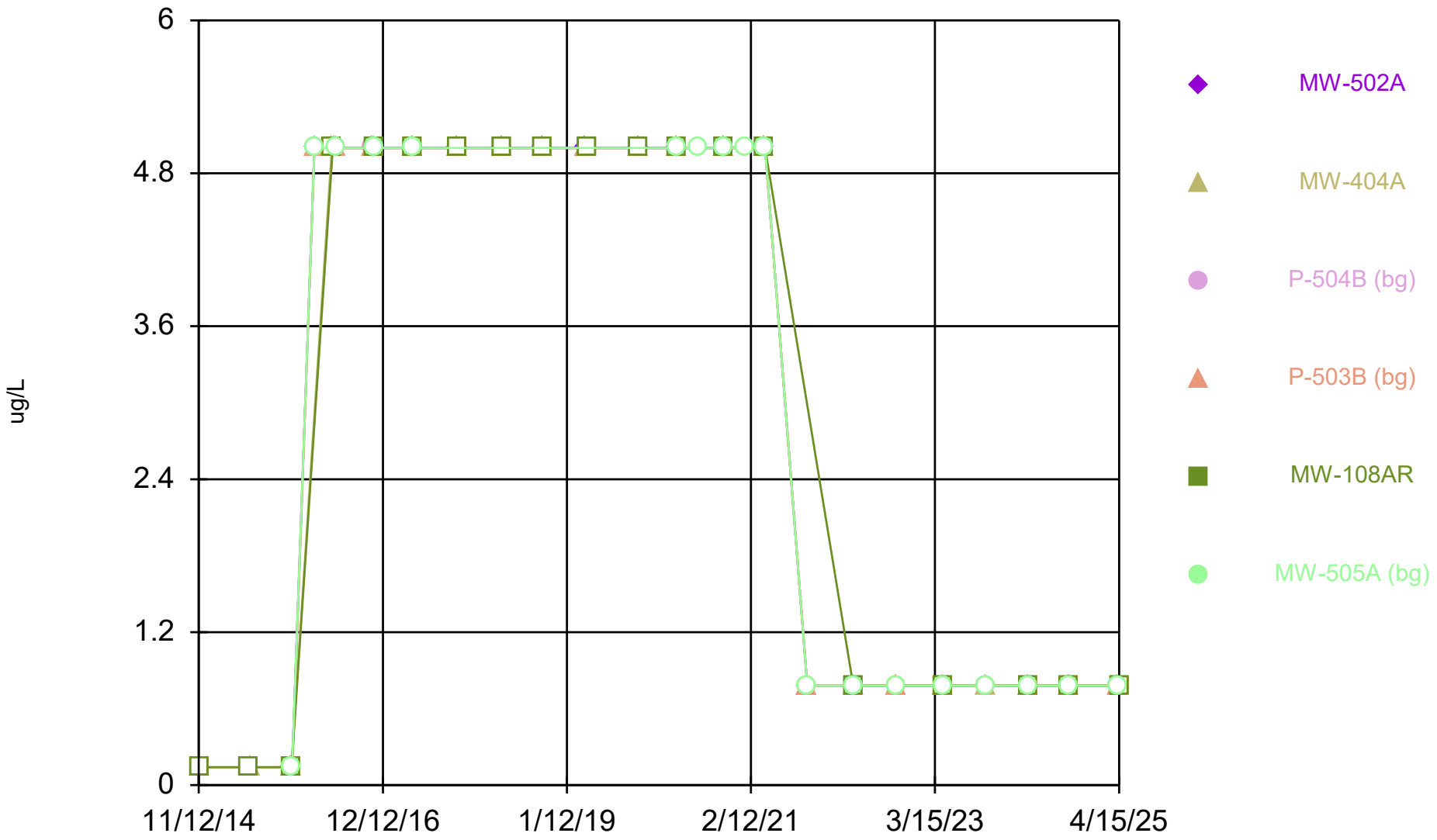
Time Series



Constituent: Bromoform Analysis Run 6/12/2025 2:10 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

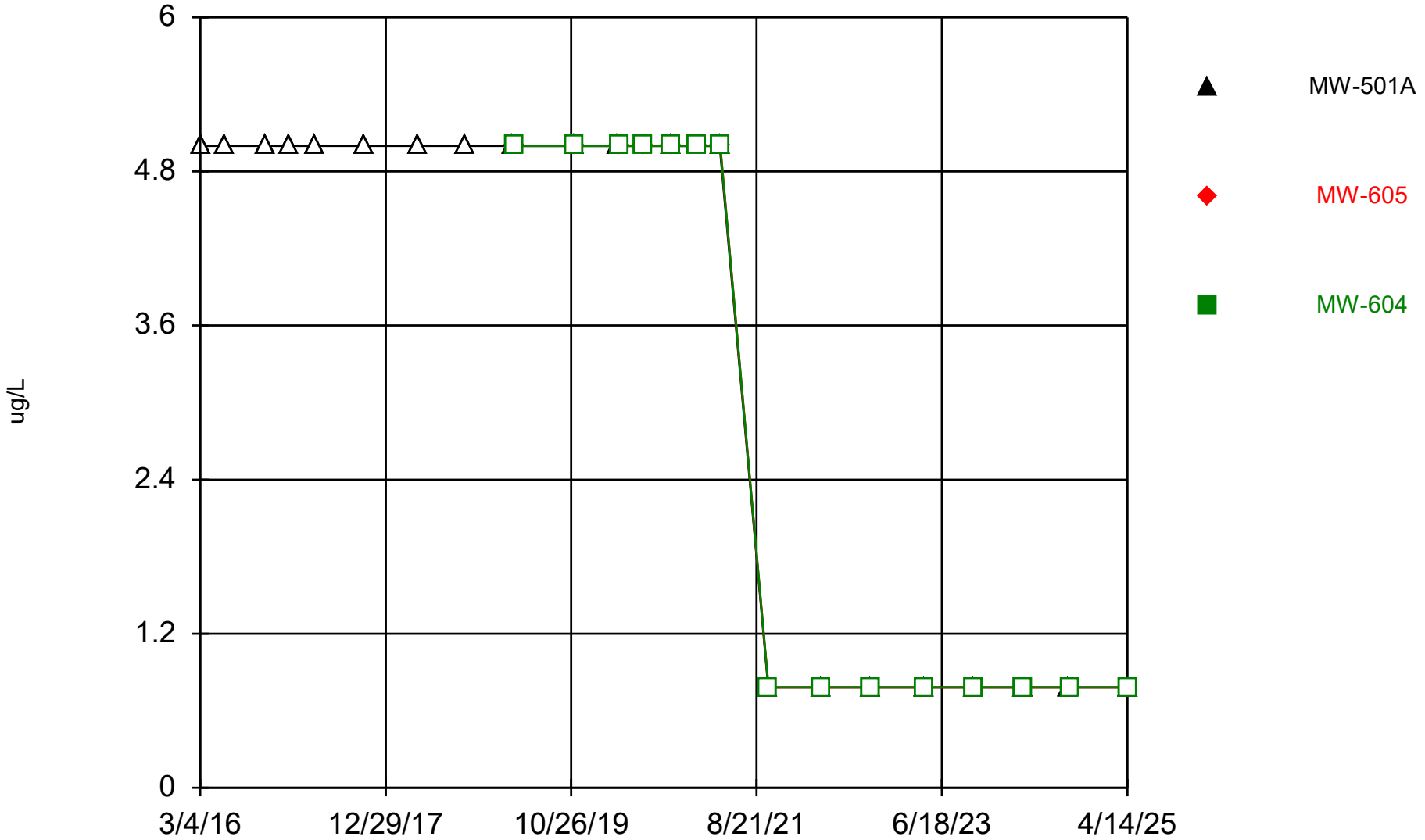
Time Series



Constituent: Bromoform Analysis Run 6/12/2025 2:10 PM View: All Wells - Appendix I VOCs DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

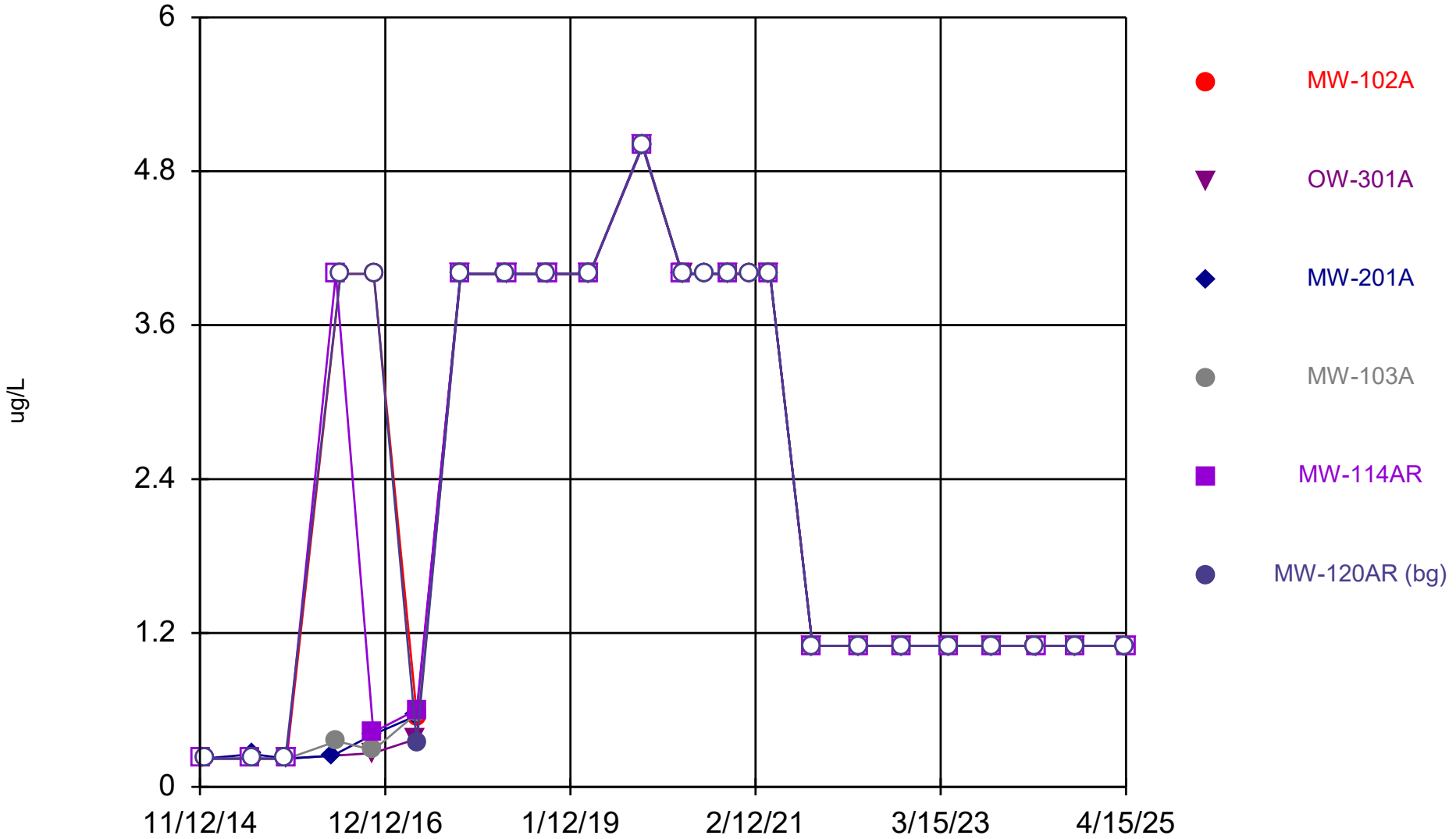
Time Series



Constituent: Bromoform Analysis Run 6/12/2025 2:10 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Bromomethane Analysis Run 6/12/2025 2:10 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

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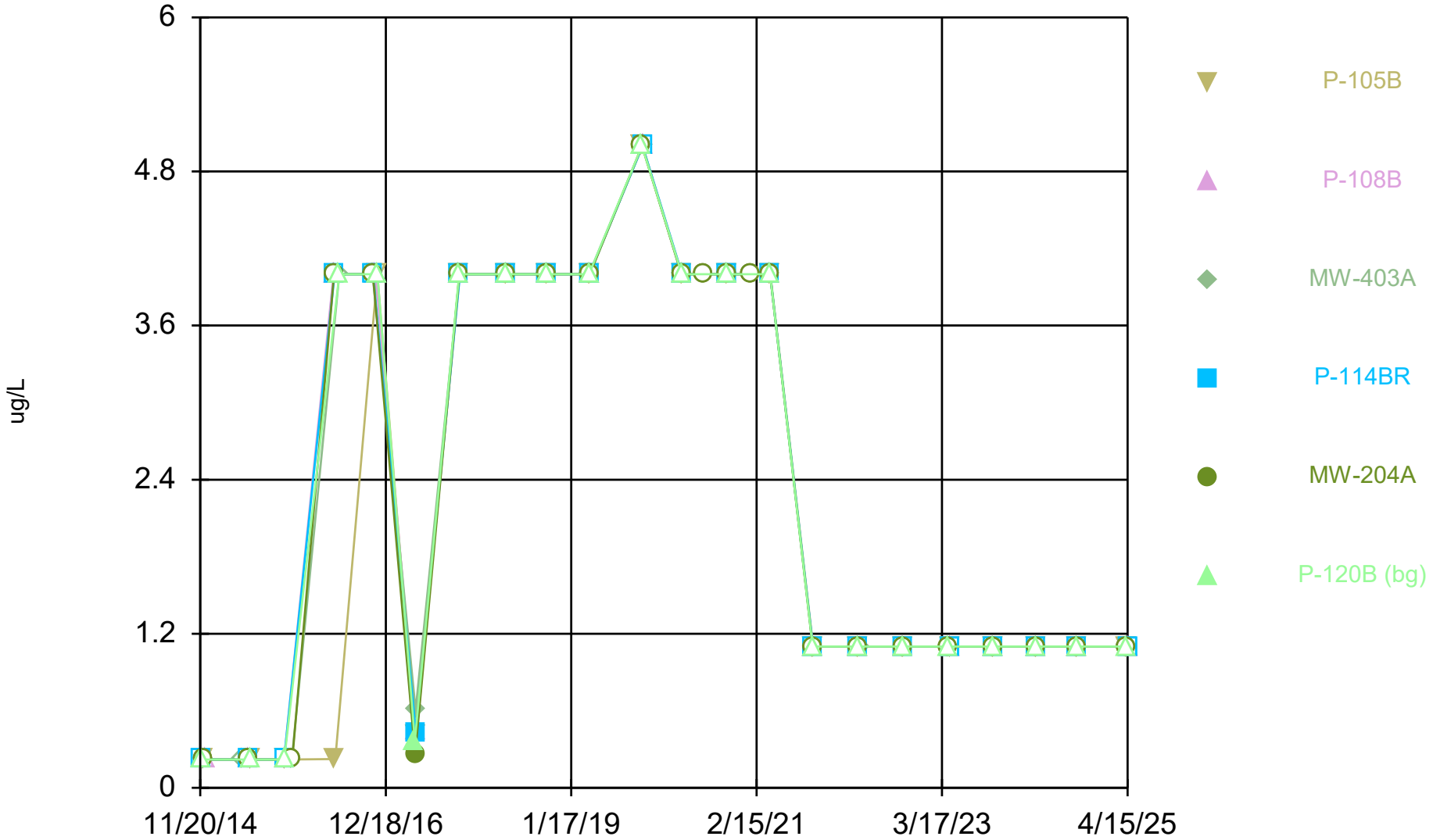
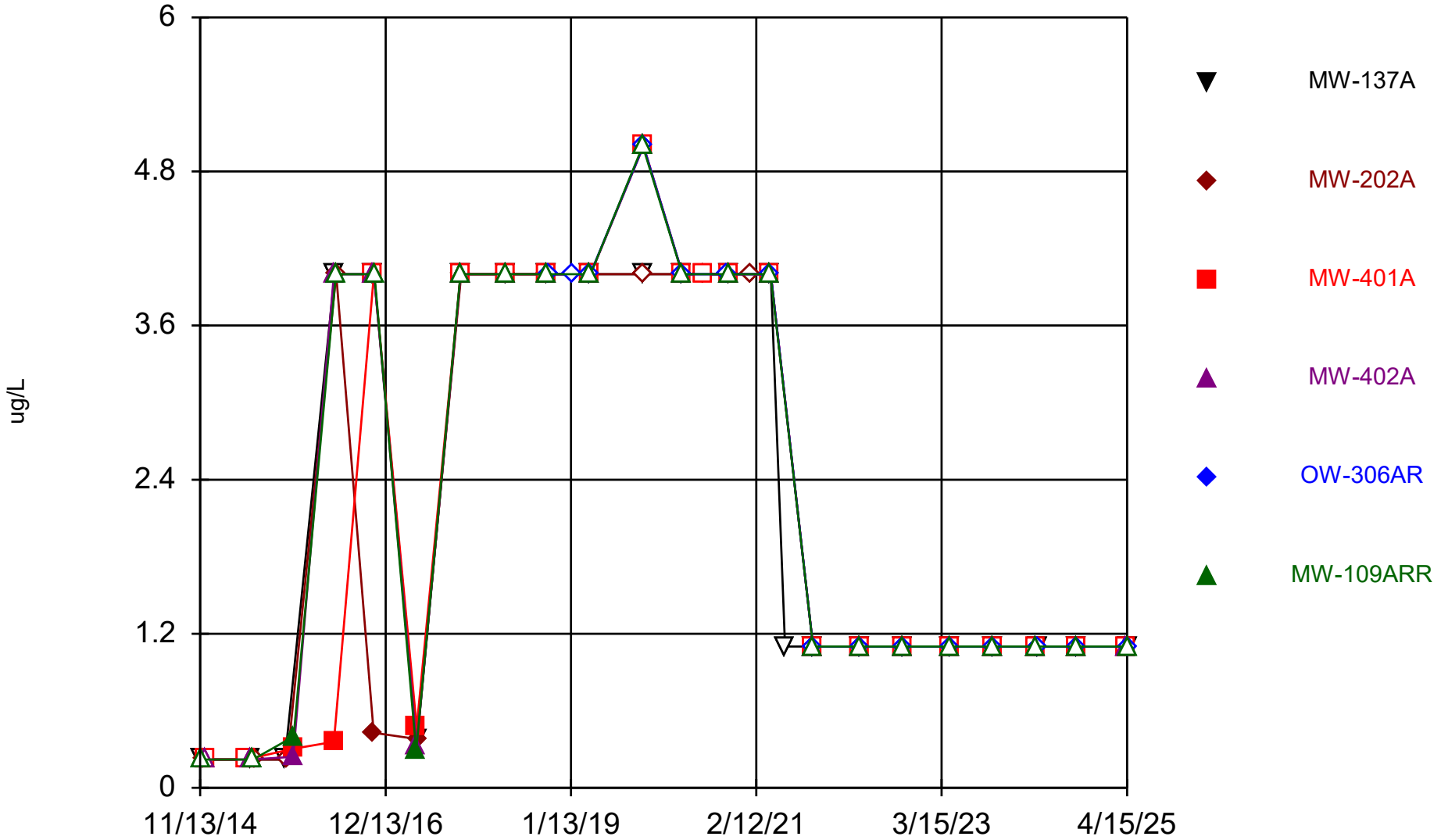


Constituent: Bromomethane Analysis Run 6/12/2025 2:10 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

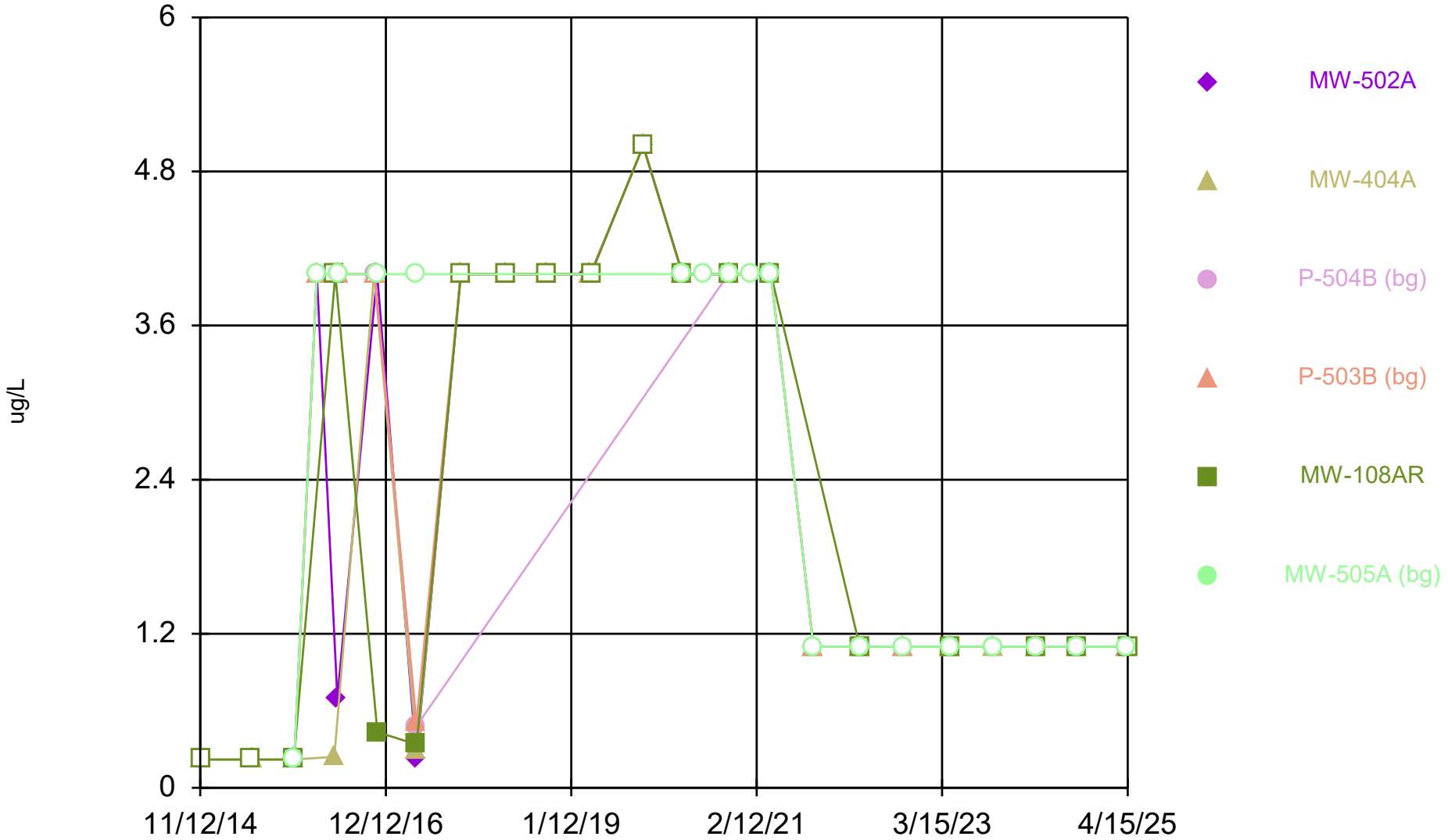
Time Series



Constituent: Bromomethane Analysis Run 6/12/2025 2:10 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

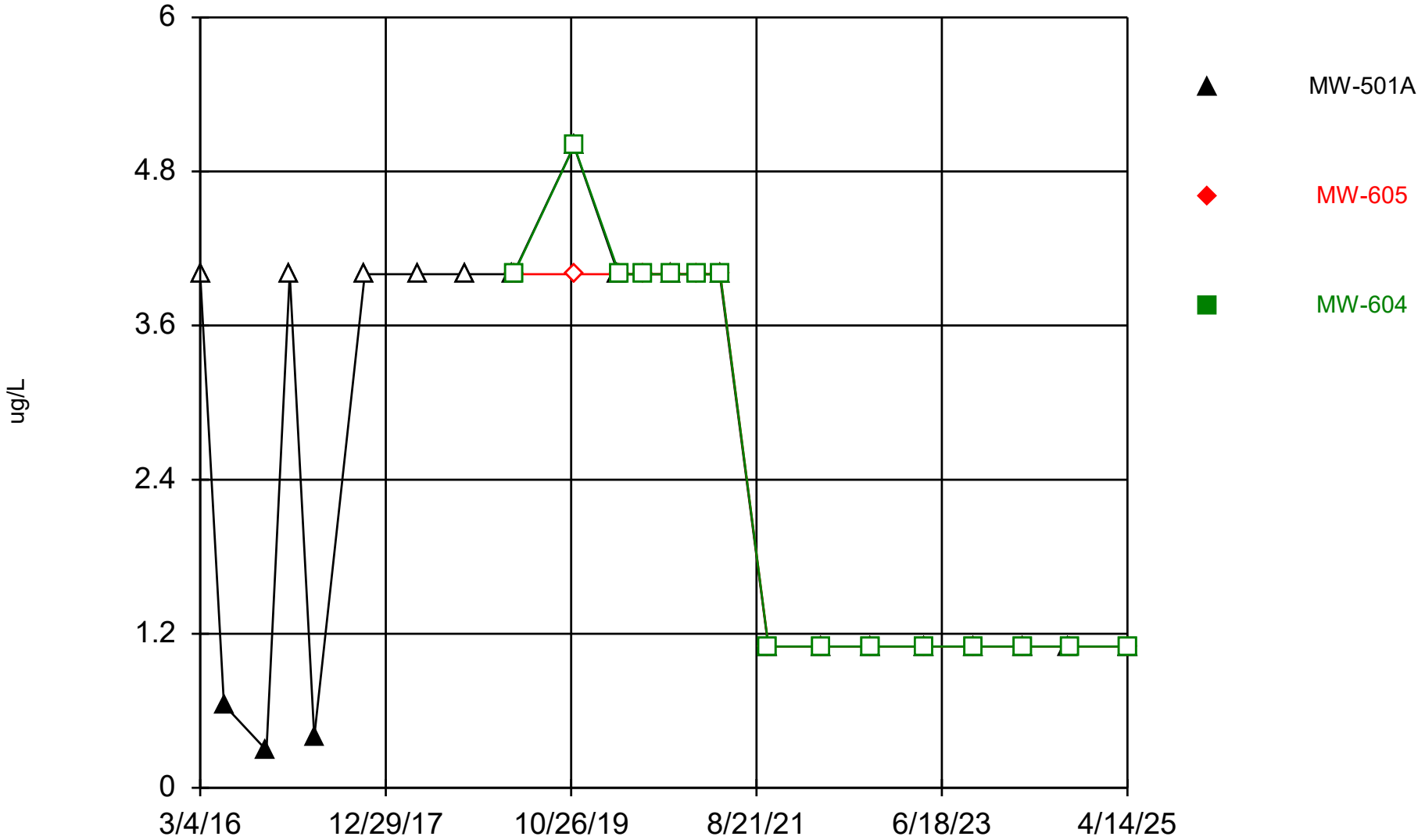
Time Series



Constituent: Bromomethane Analysis Run 6/12/2025 2:10 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

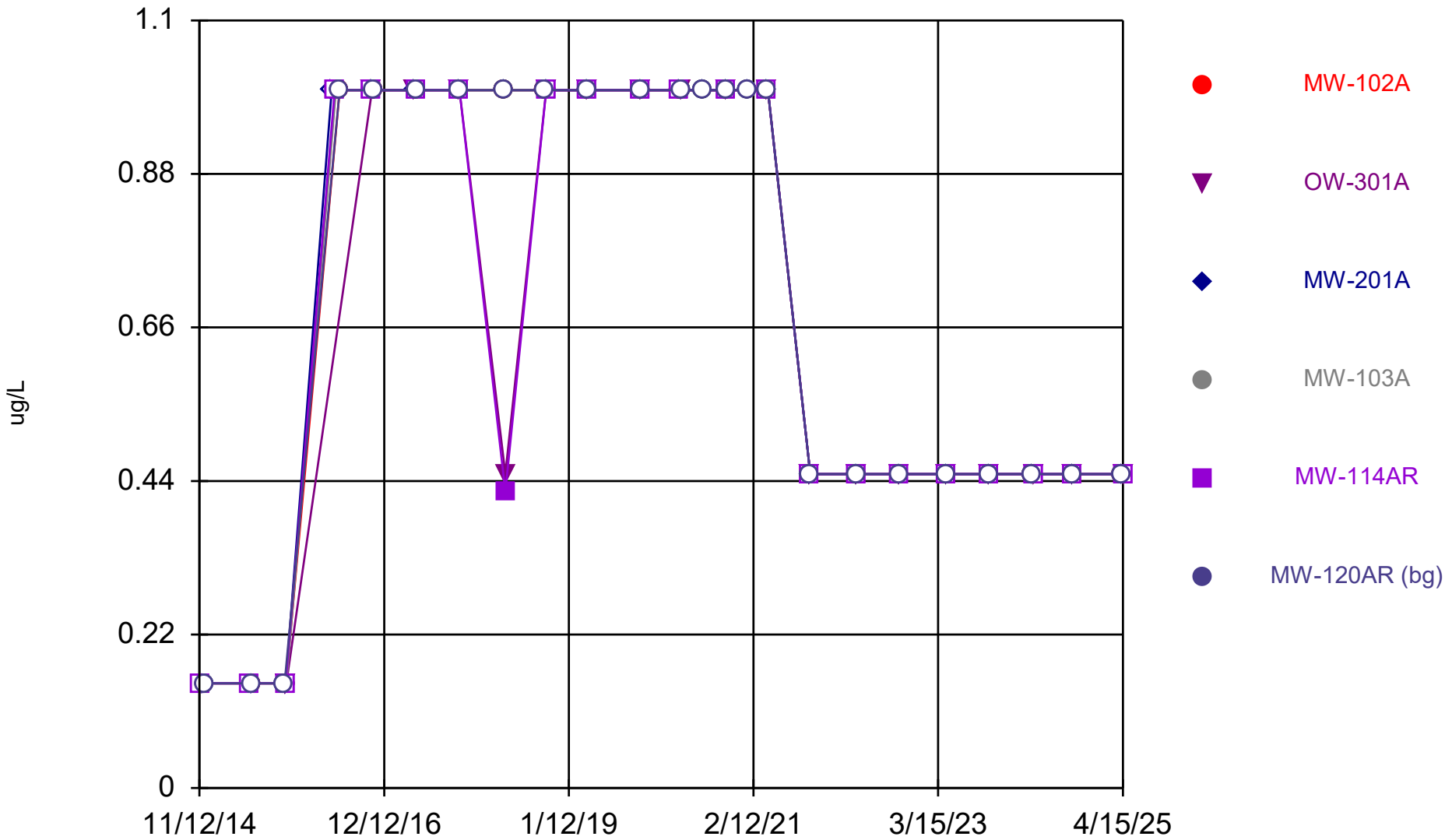


Constituent: Bromomethane Analysis Run 6/12/2025 2:10 PM View: All Wells - Appendix I VOCs

DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Carbon disulfide Analysis Run 6/12/2025 2:10 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

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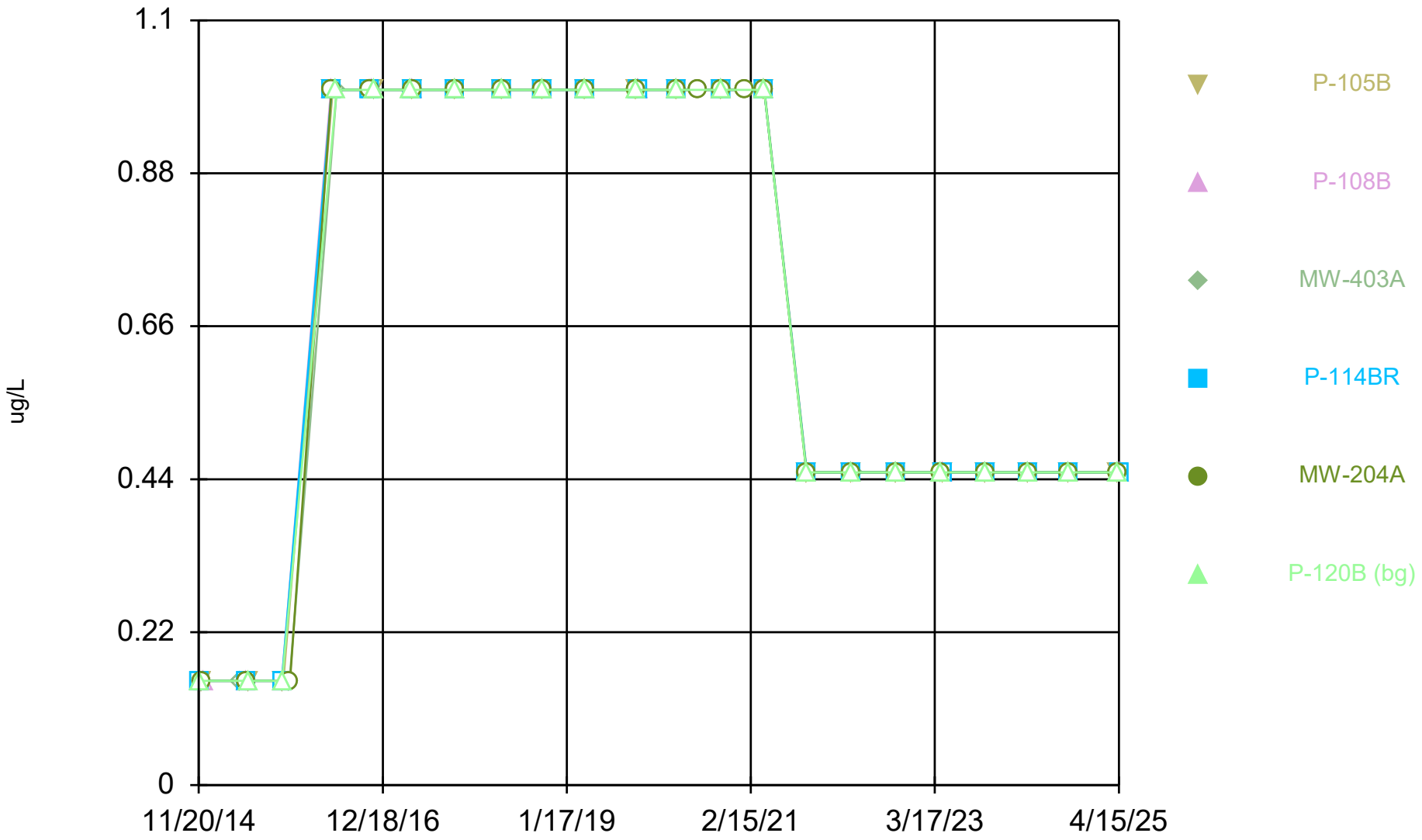
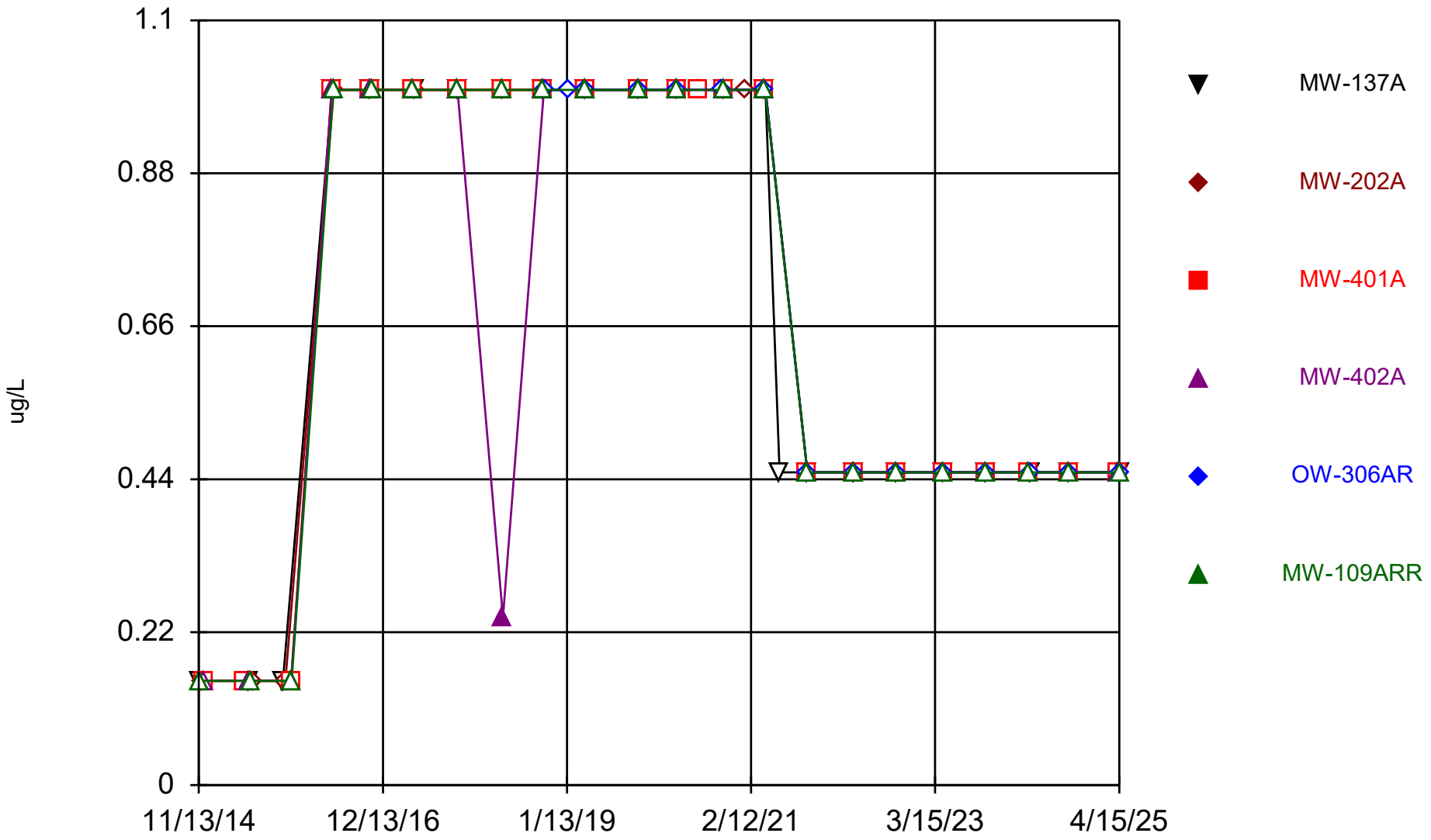


Constituent: Carbon disulfide Analysis Run 6/12/2025 2:10 PM View: All Wells - Appendix I VOCs DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

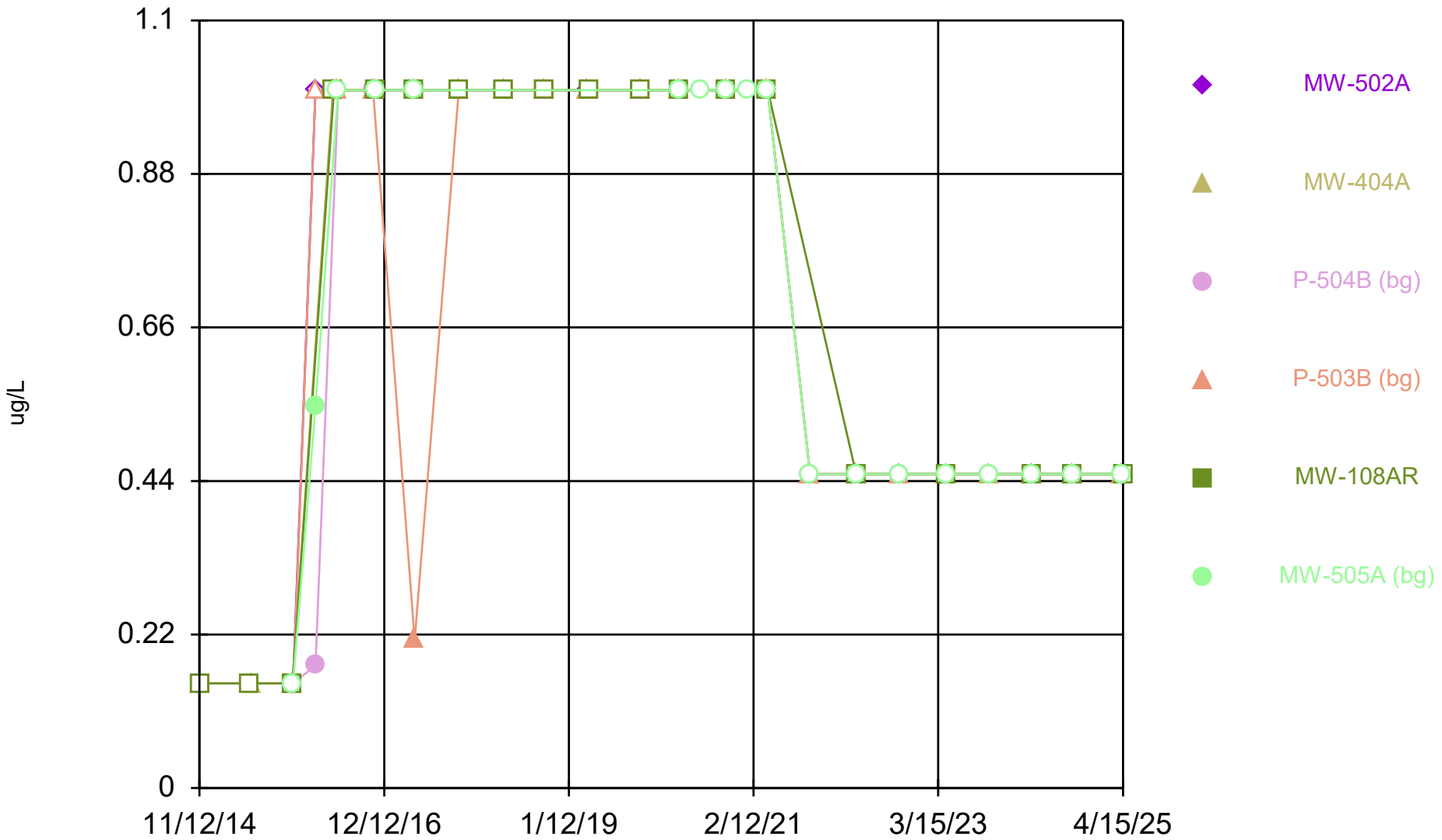
Time Series



Constituent: Carbon disulfide Analysis Run 6/12/2025 2:10 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

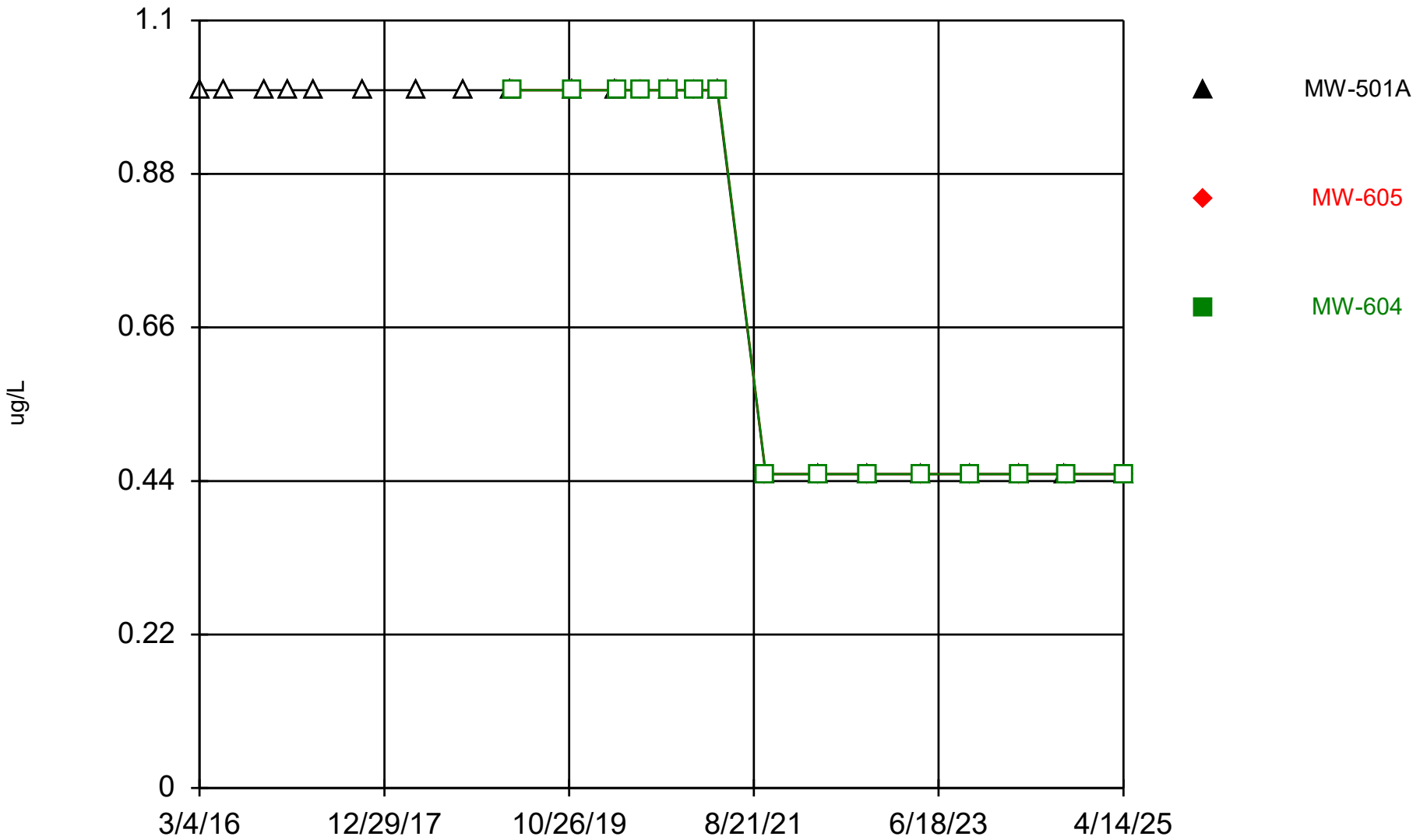
Time Series



Constituent: Carbon disulfide Analysis Run 6/12/2025 2:10 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Carbon disulfide Analysis Run 6/12/2025 2:10 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

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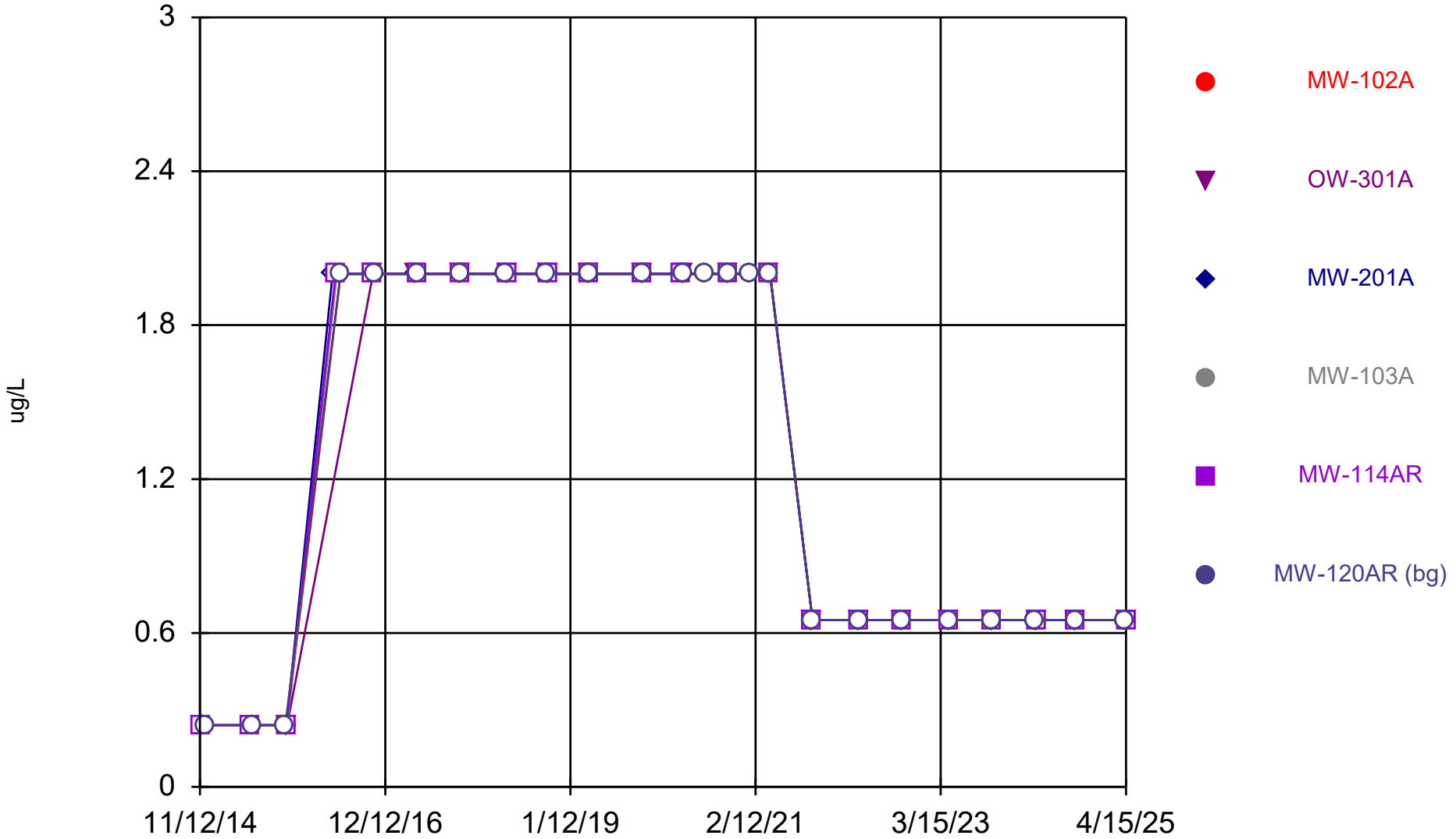

Constituent: Carbon Tetrachloride Analysis Run 6/12/2025 2:10 PM View: All Wells - Appendix I VOCs
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Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

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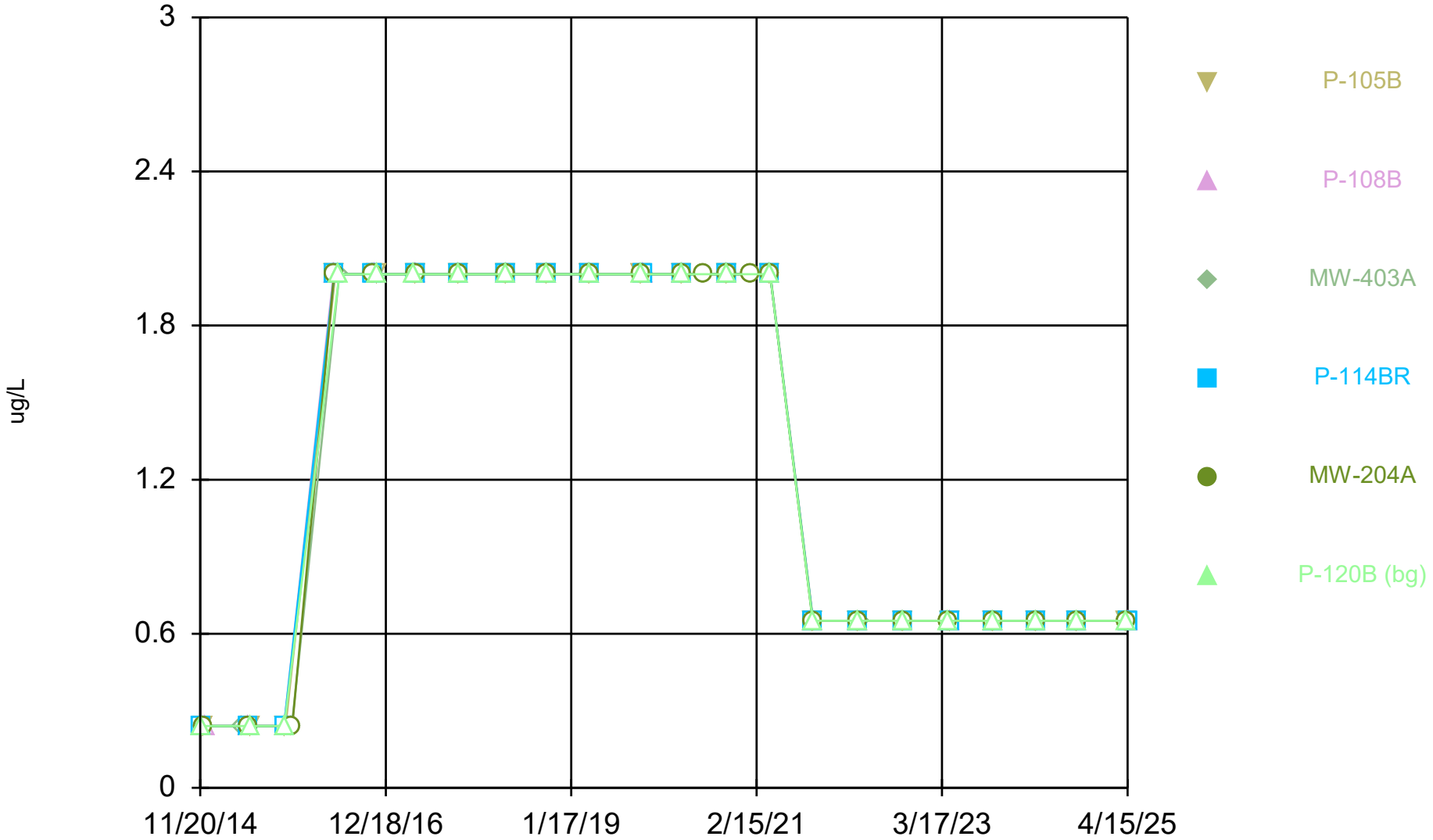

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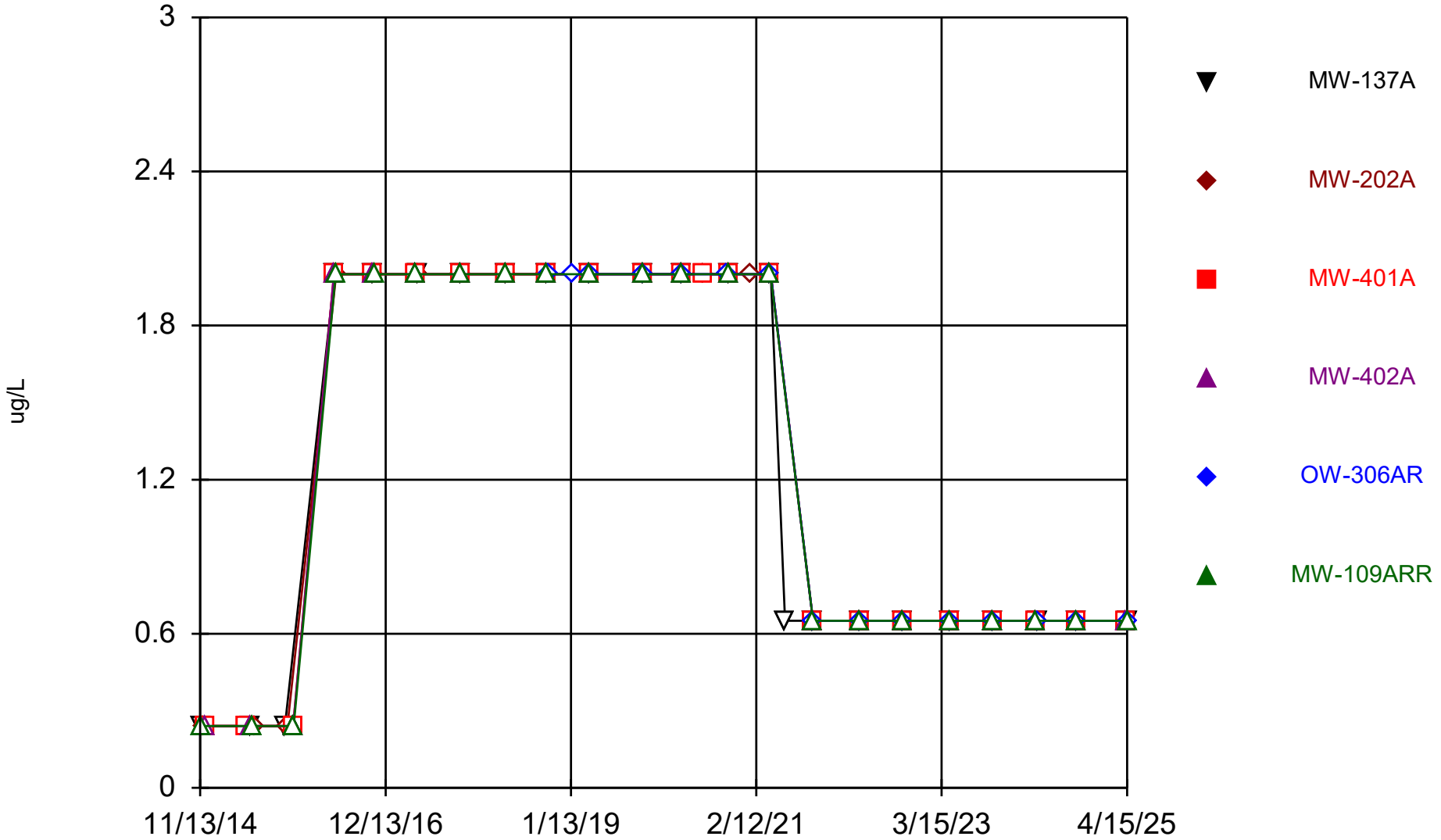
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series



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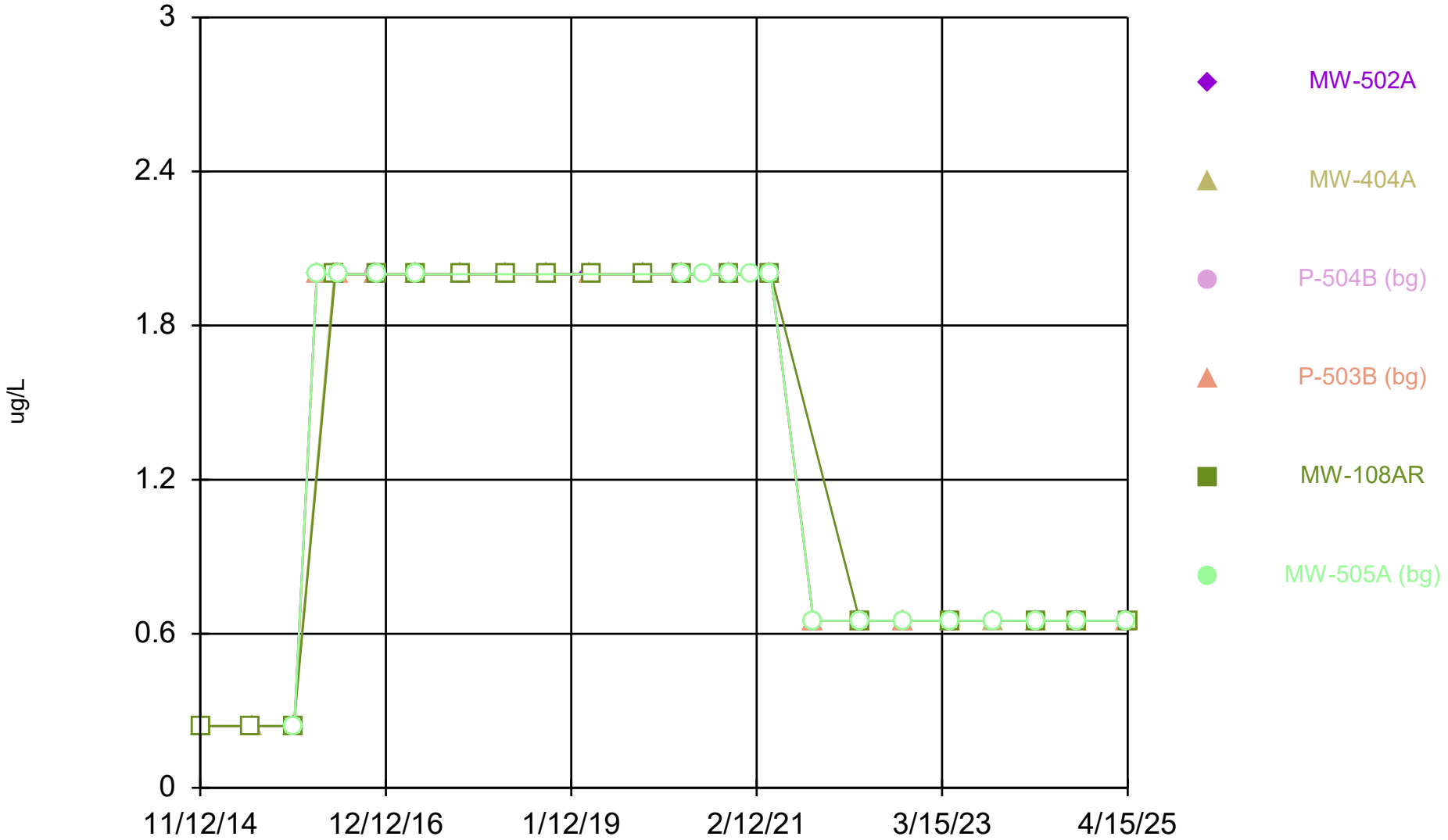
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Carbon Tetrachloride Analysis Run 6/12/2025 2:10 PM View: All Wells - Appendix I VOCs

DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
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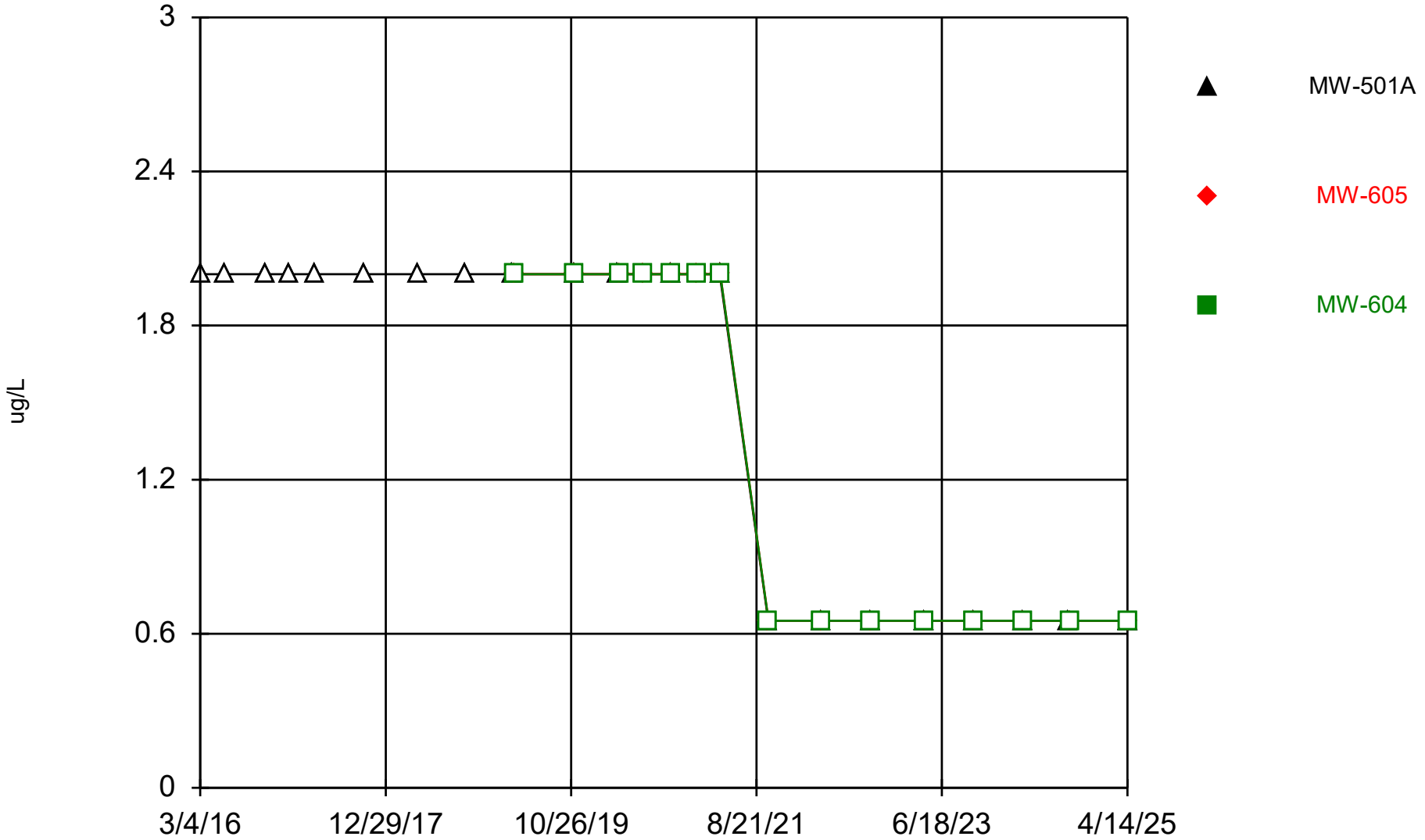
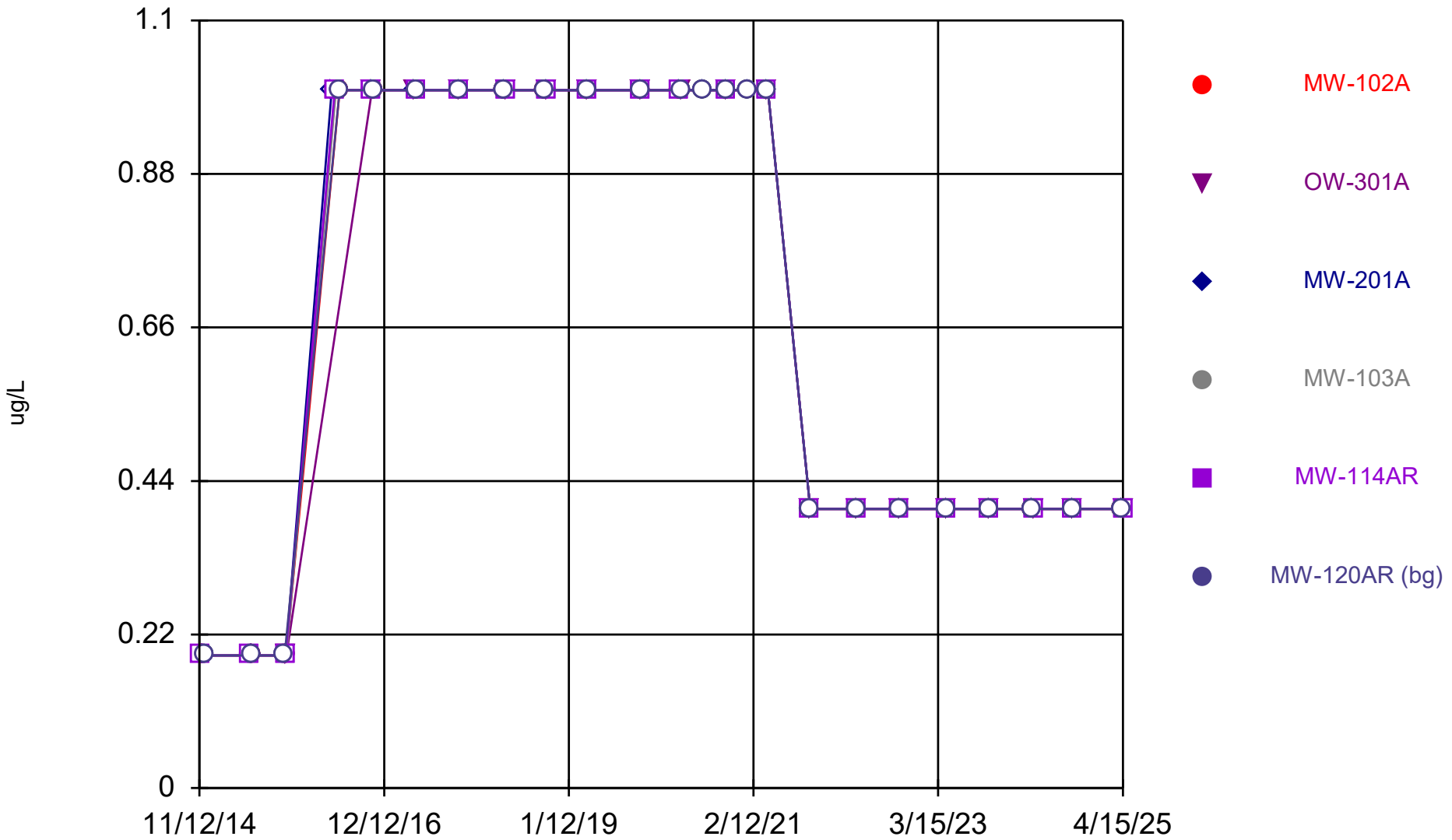


Constituent: Carbon Tetrachloride Analysis Run 6/12/2025 2:11 PM View: All Wells - Appendix I VOCs

DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Chlorobenzene Analysis Run 6/12/2025 2:11 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

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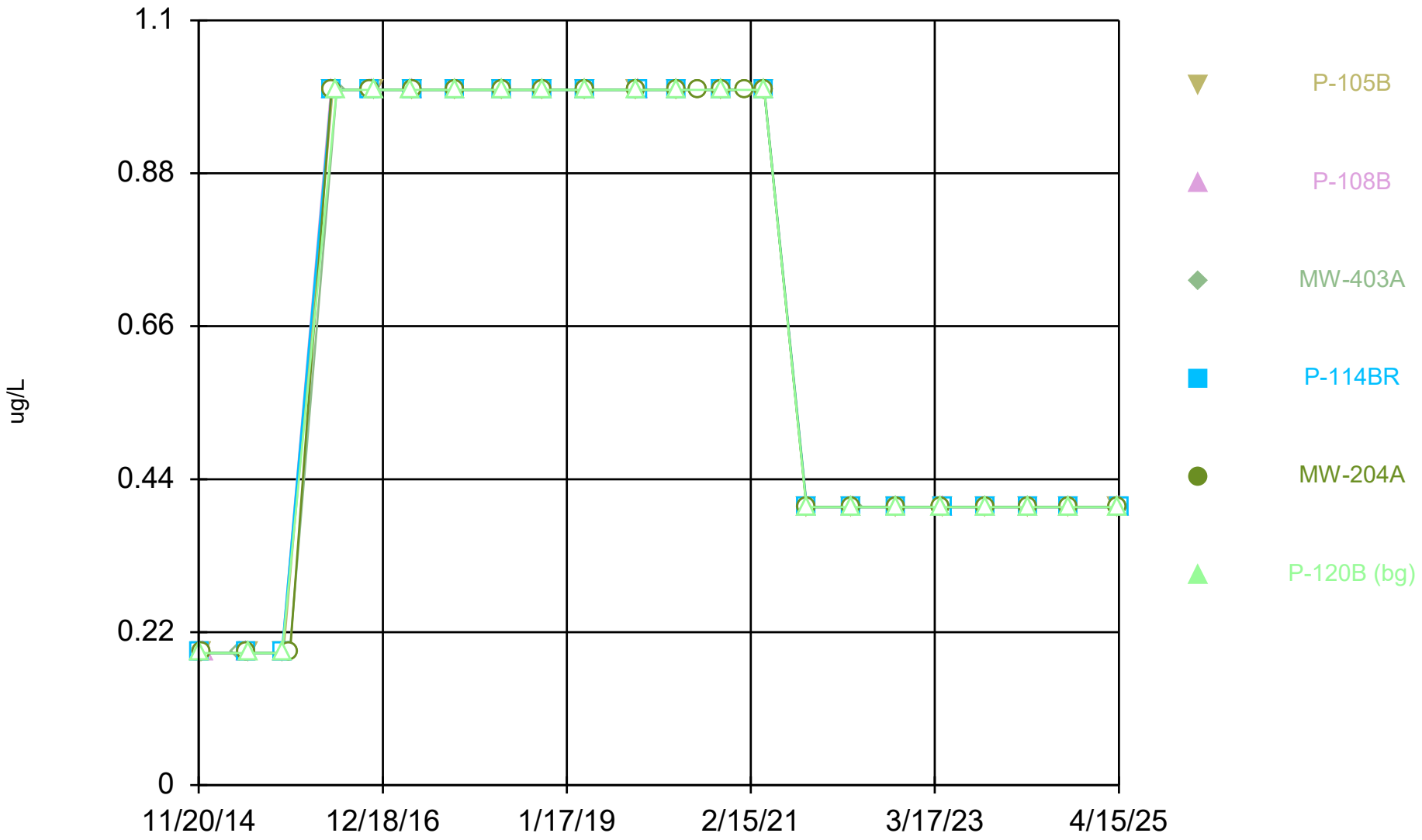
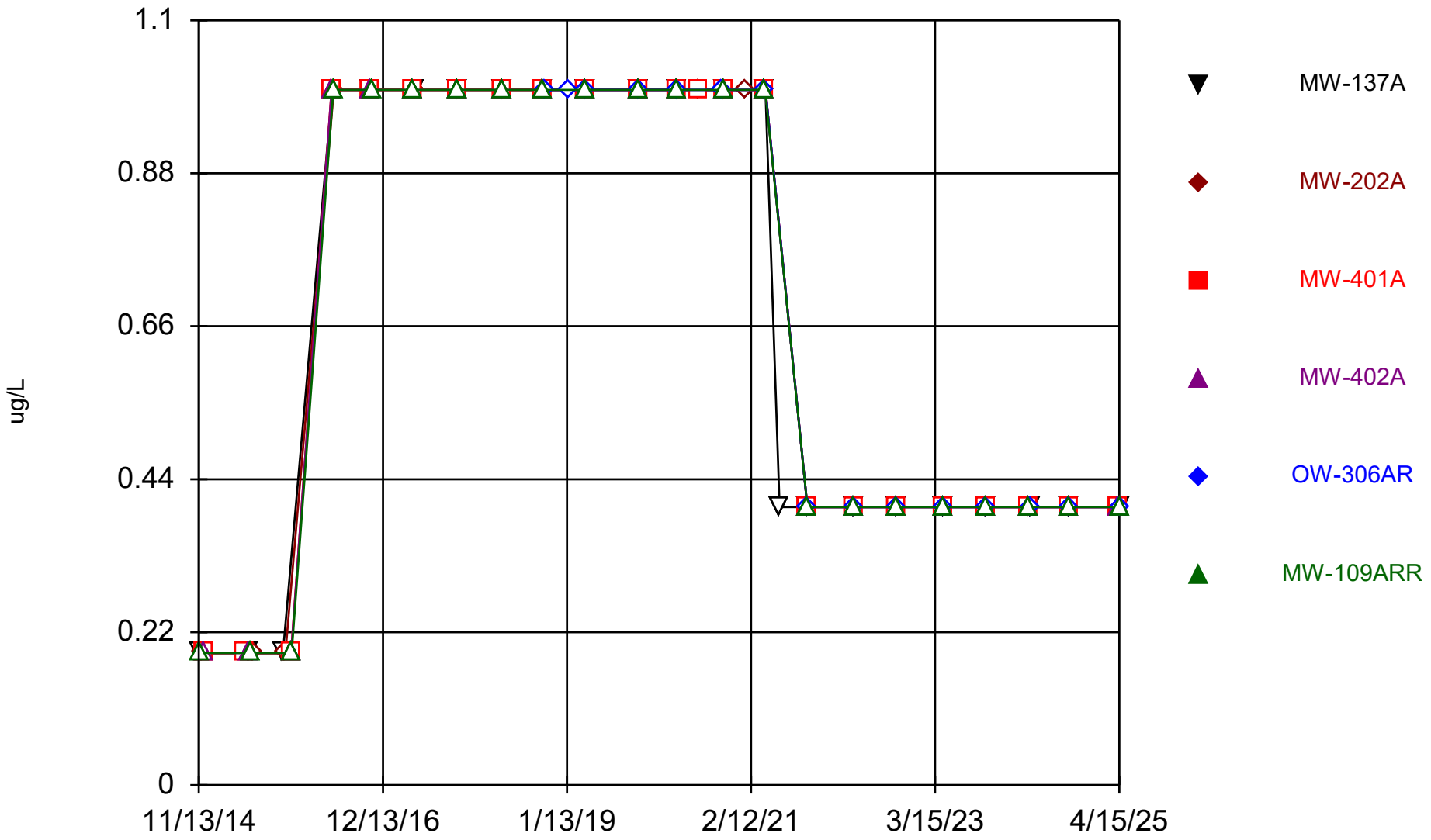


Constituent: Chlorobenzene Analysis Run 6/12/2025 2:11 PM View: All Wells - Appendix I VOCs DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series



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DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

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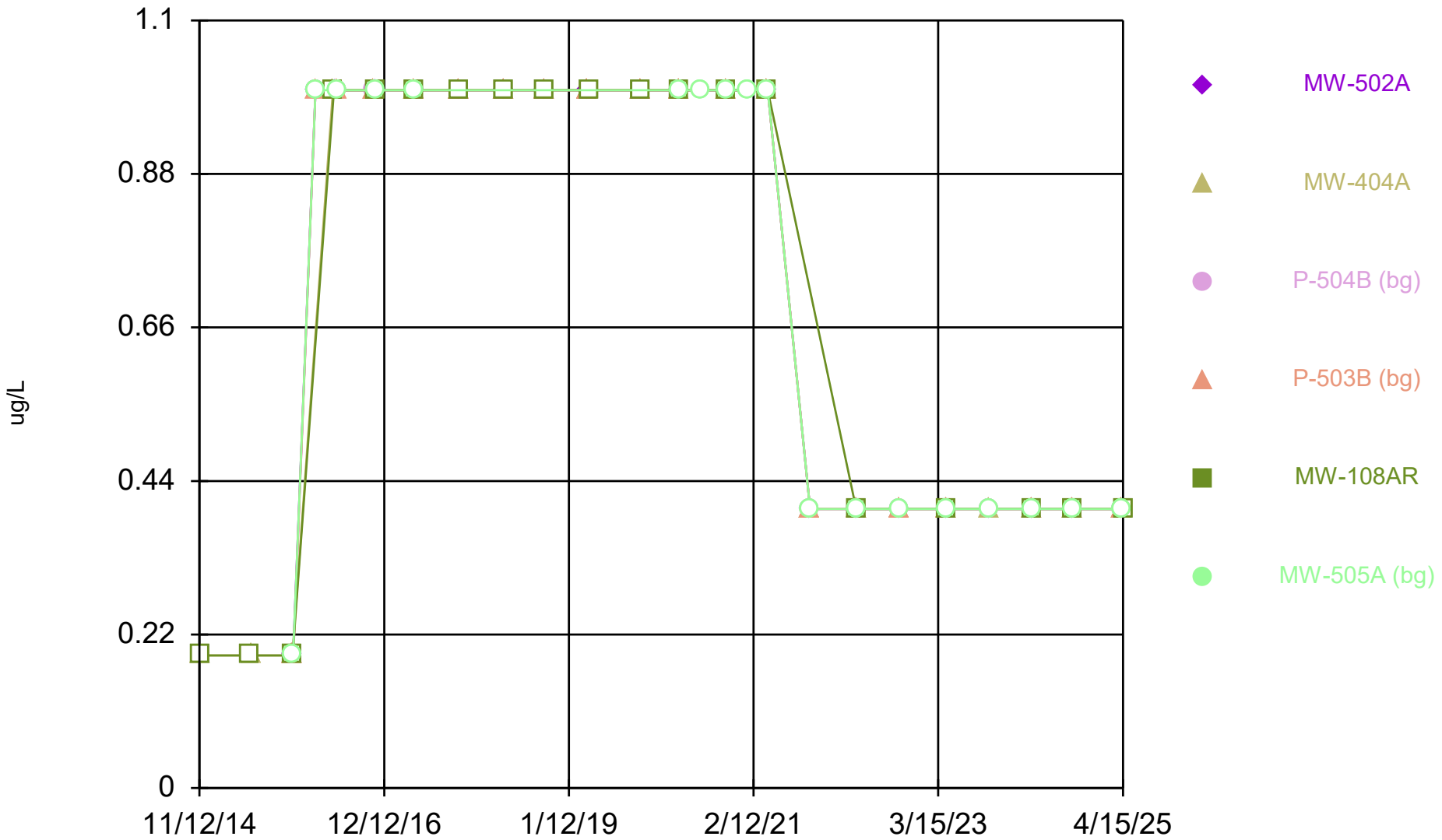
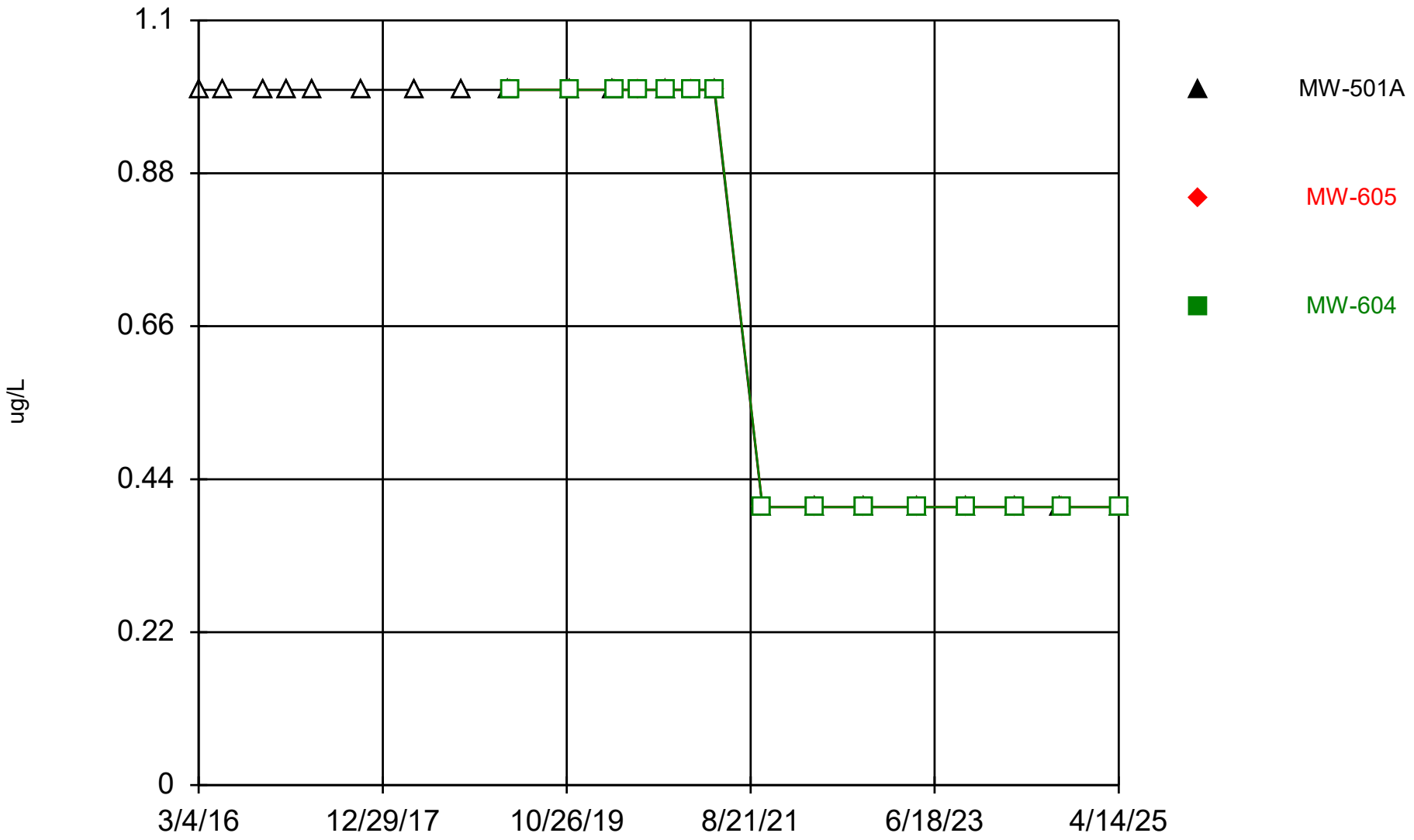


Constituent: Chlorobenzene Analysis Run 6/12/2025 2:11 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Chlorobenzene Analysis Run 6/12/2025 2:11 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

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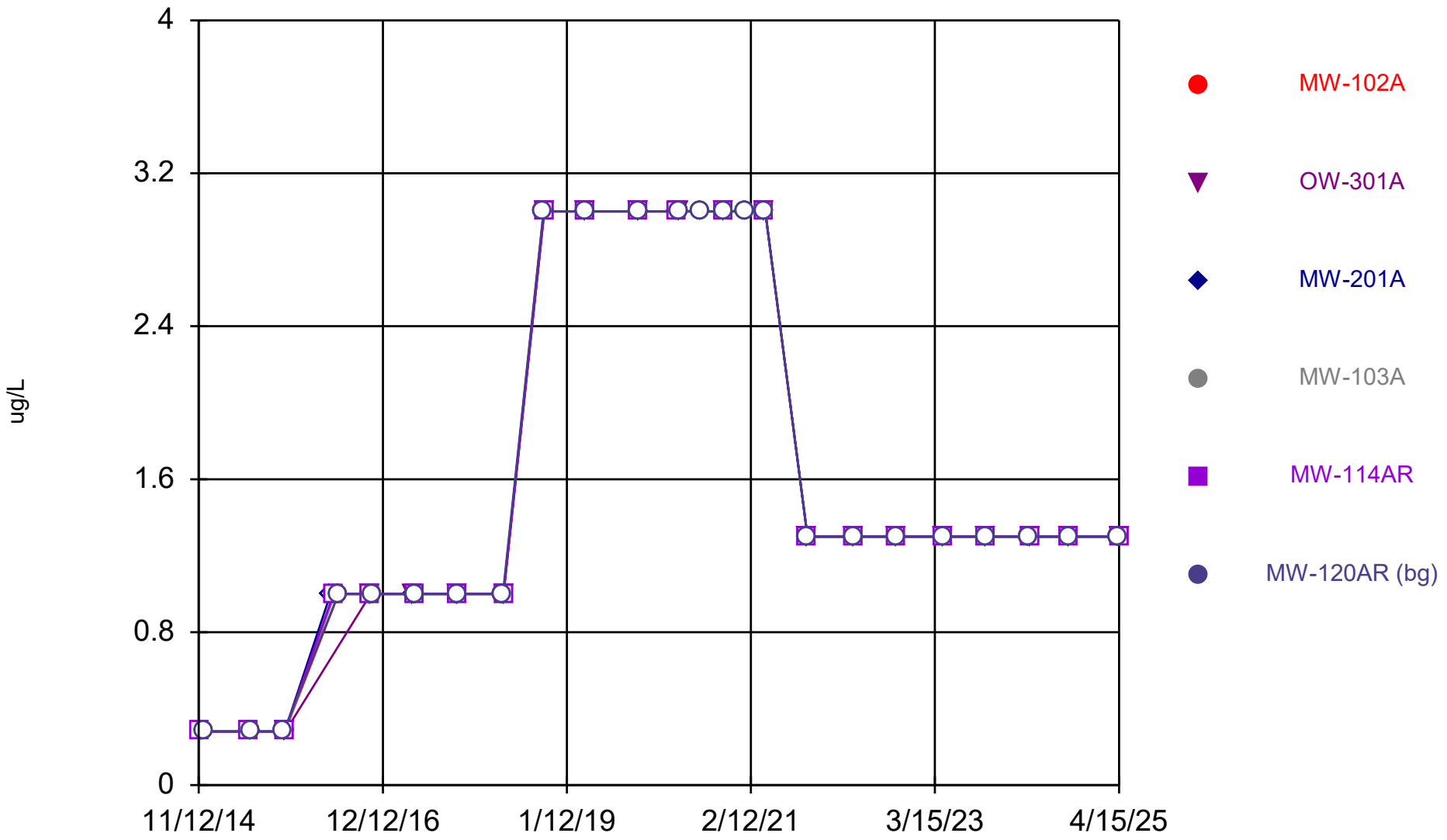

Constituent: Chloroform Analysis Run 6/12/2025 2:11 PM View: All Wells - Appendix I VOCs

DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

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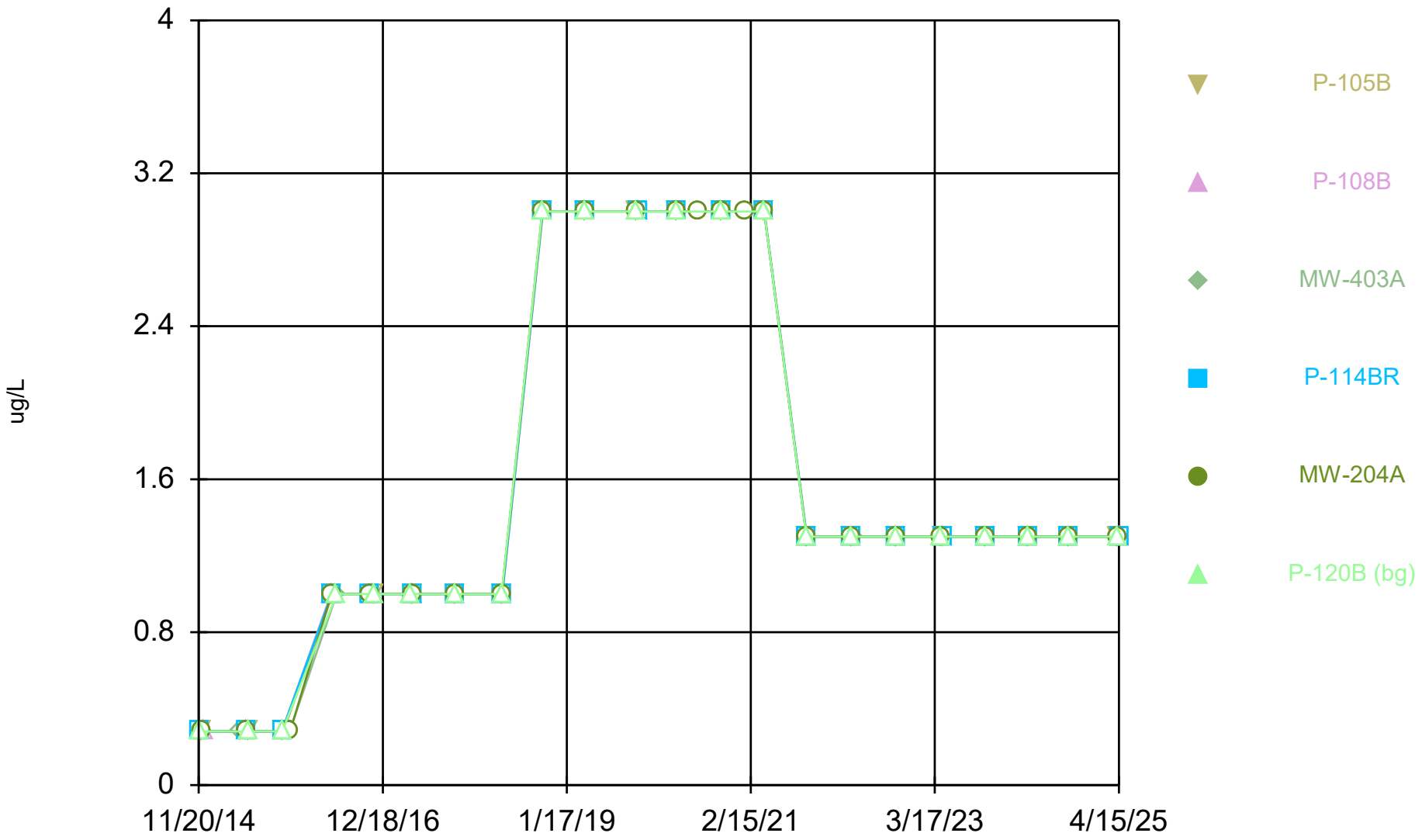
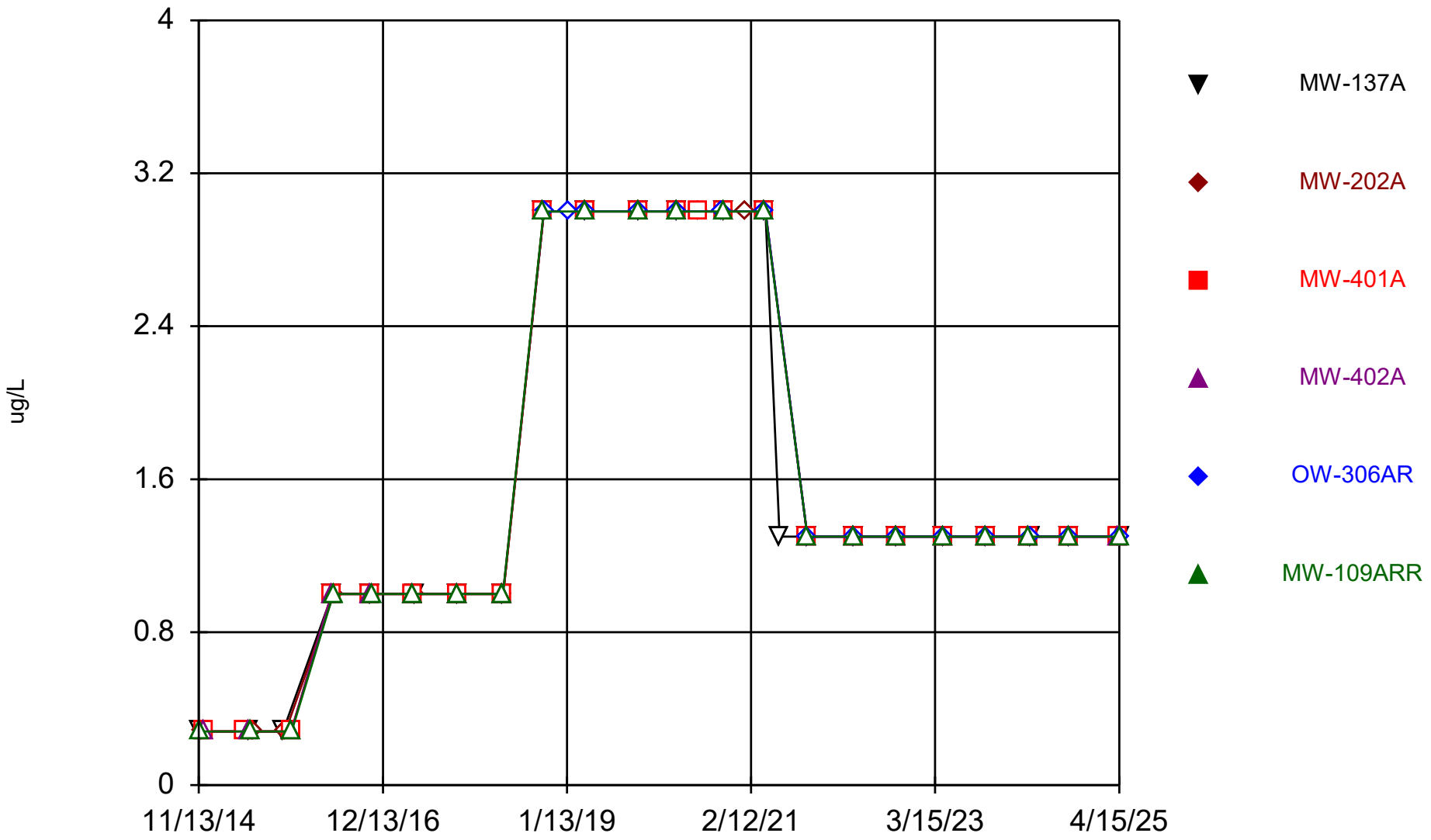


Constituent: Chloroform Analysis Run 6/12/2025 2:11 PM View: All Wells - Appendix I VOCs DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Chloroform Analysis Run 6/12/2025 2:11 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

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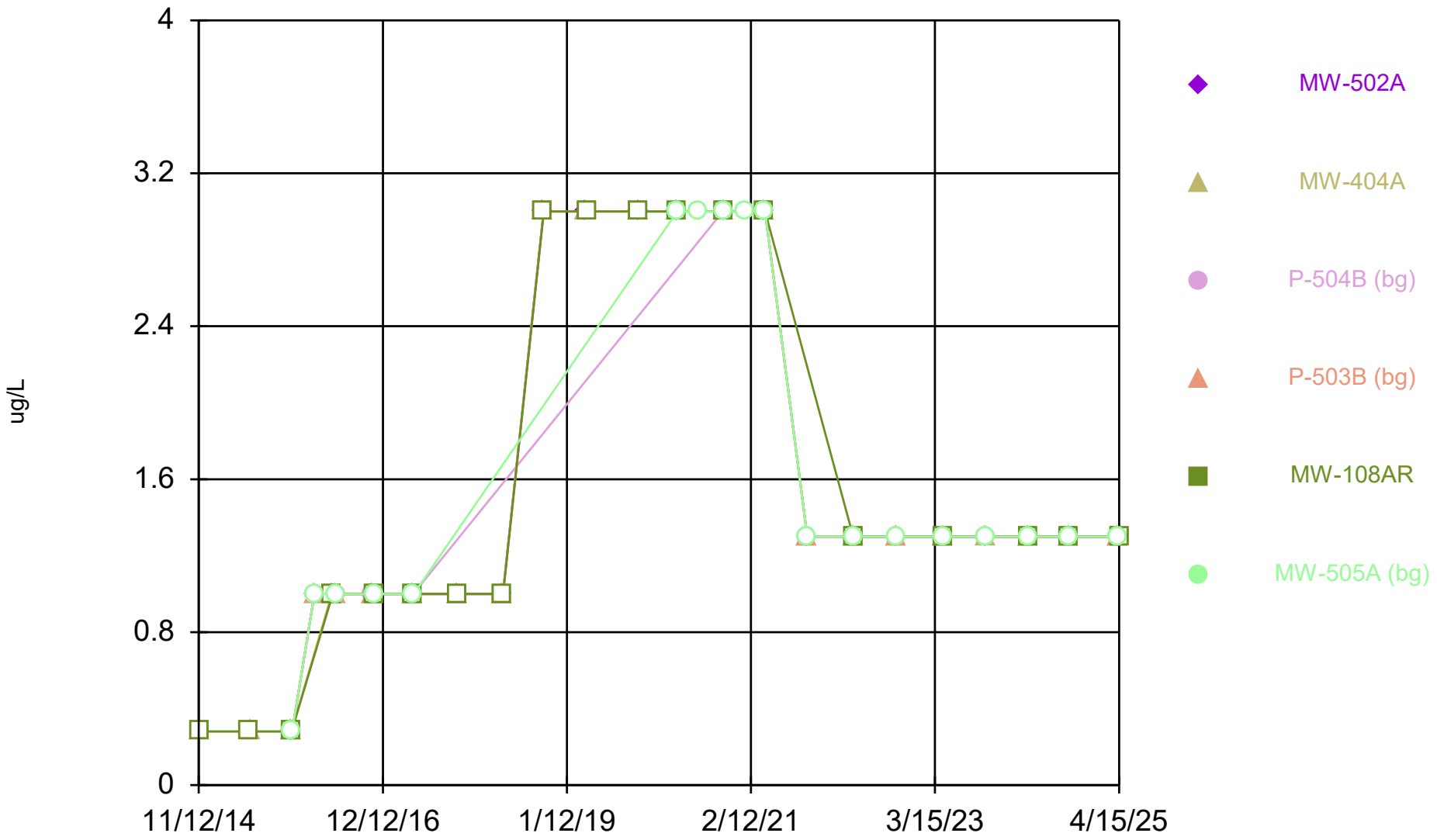

Constituent: Chloroform Analysis Run 6/12/2025 2:11 PM View: All Wells - Appendix I VOCs
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Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

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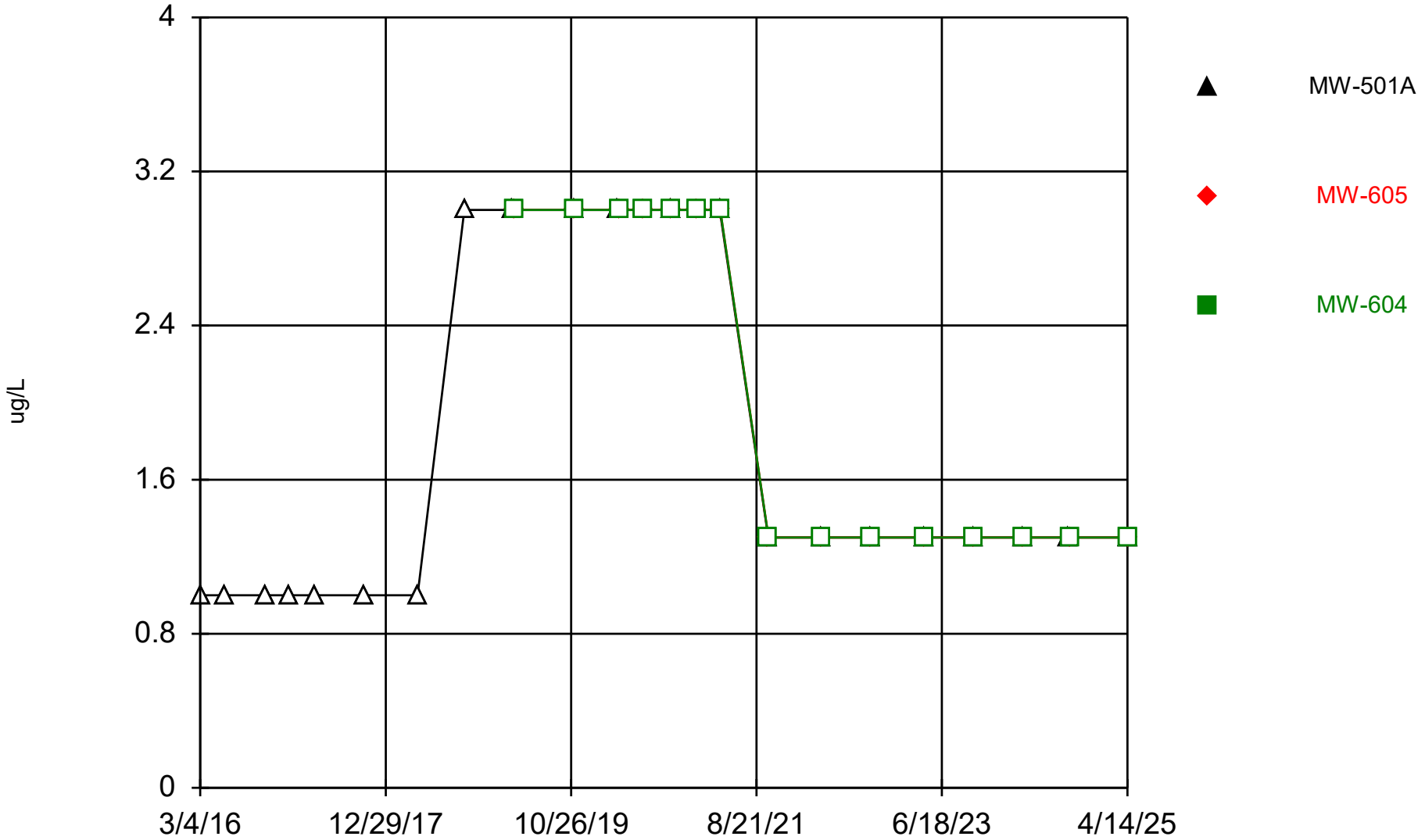

Constituent: Chloroform Analysis Run 6/12/2025 2:11 PM View: All Wells - Appendix I VOCs

DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
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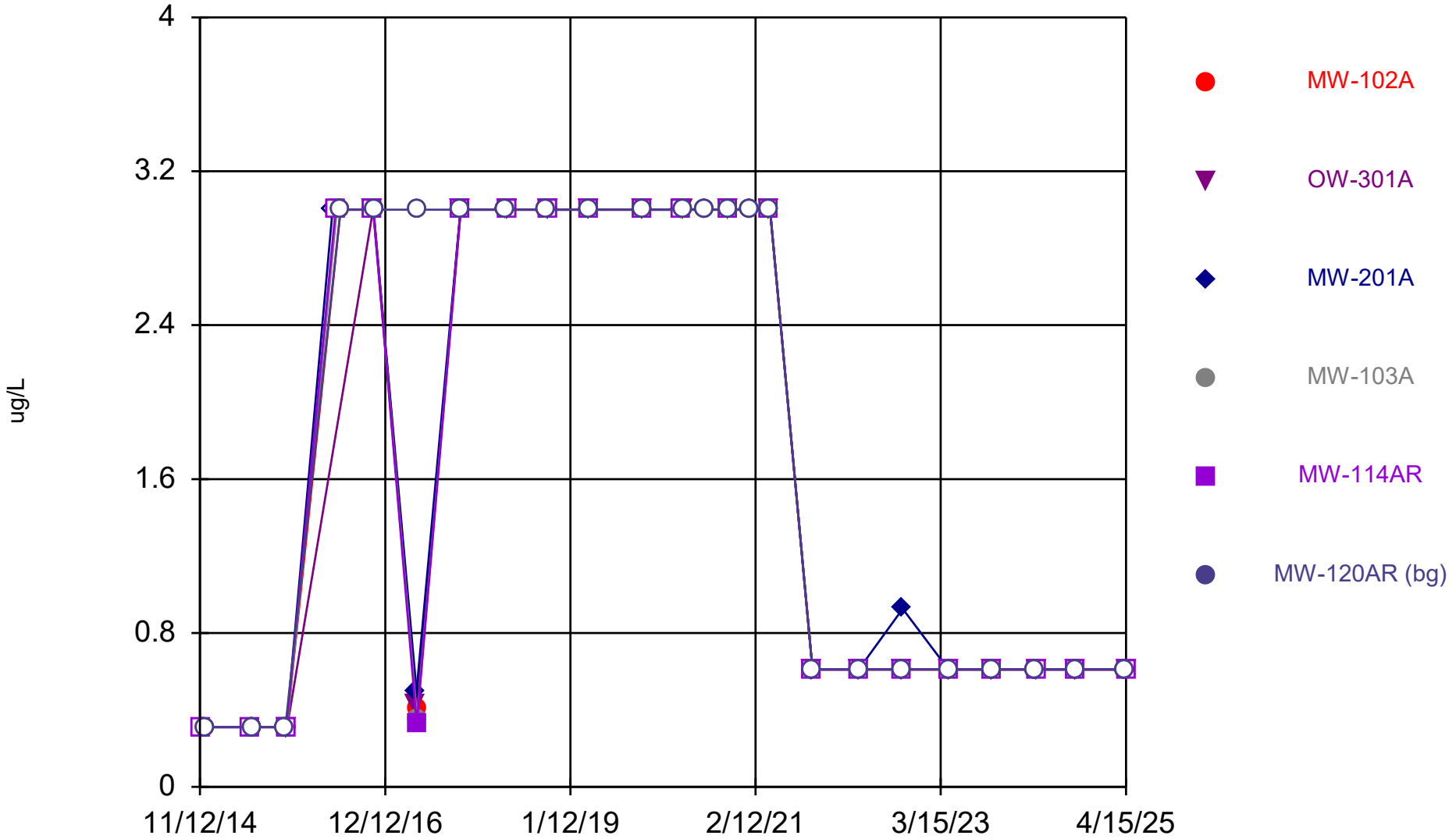

Constituent: Chloromethane Analysis Run 6/12/2025 2:11 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

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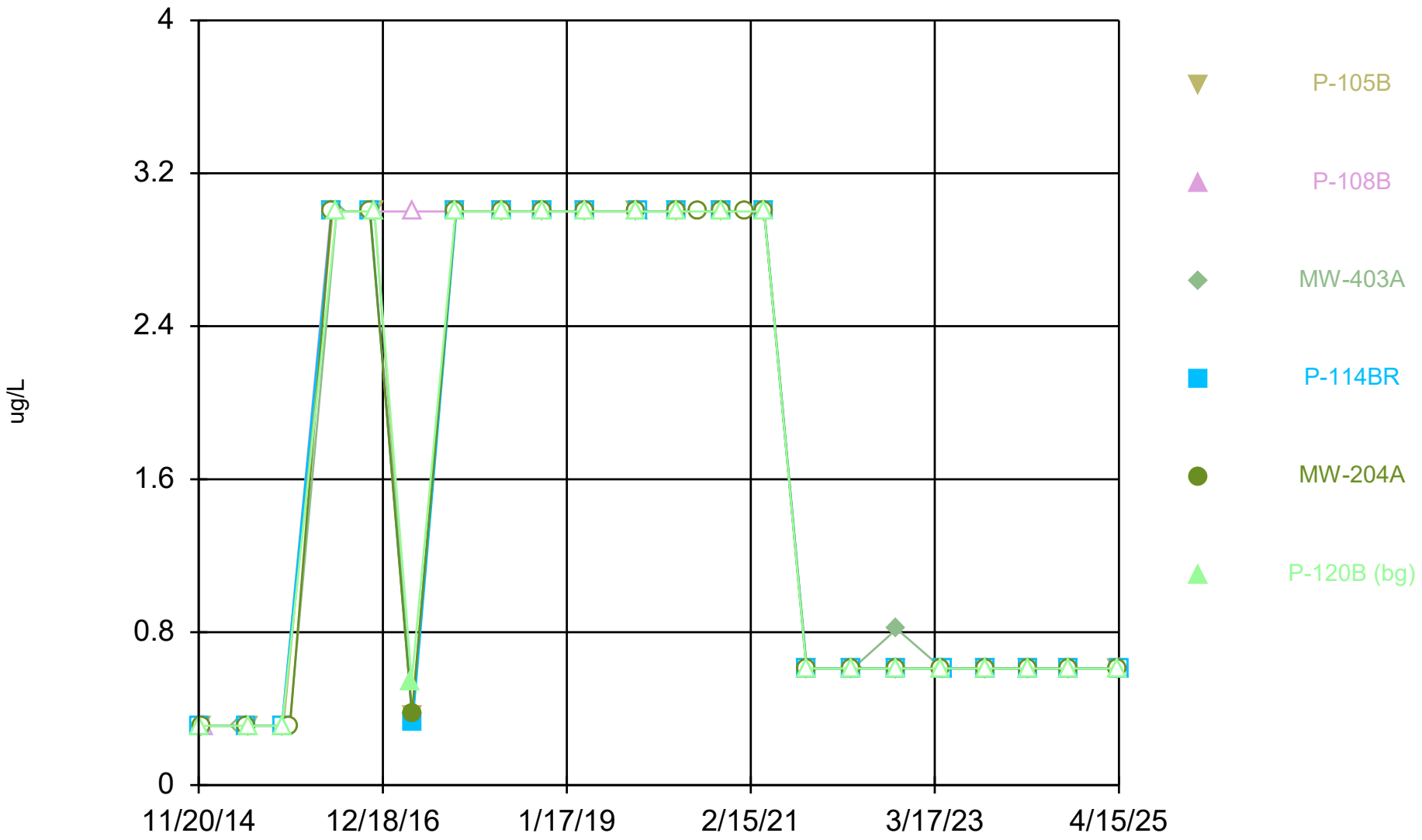

Constituent: Chloromethane Analysis Run 6/12/2025 2:11 PM View: All Wells - Appendix I VOCs DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

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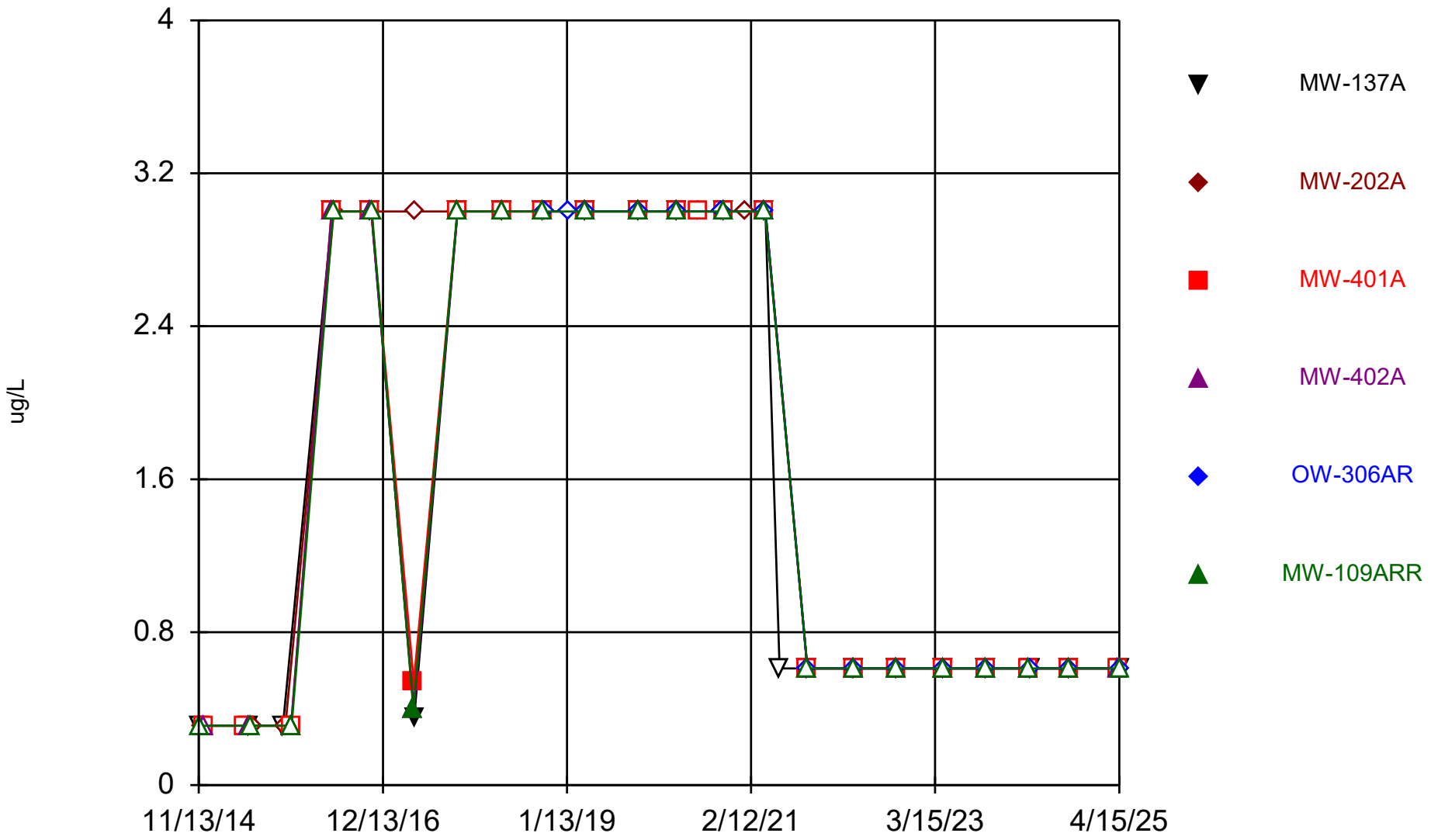

Constituent: Chloromethane Analysis Run 6/12/2025 2:11 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
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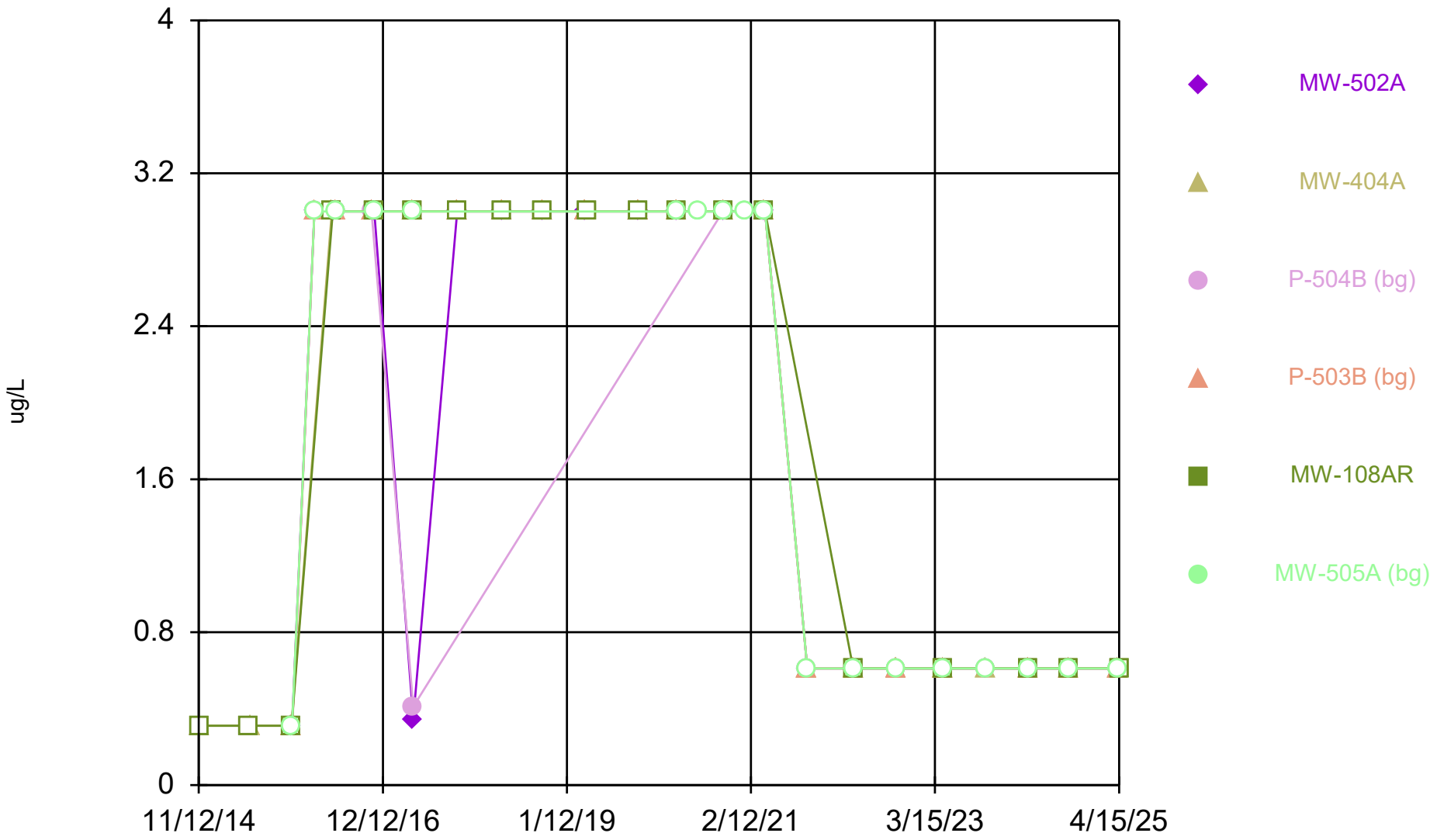

Constituent: Chloromethane Analysis Run 6/12/2025 2:11 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

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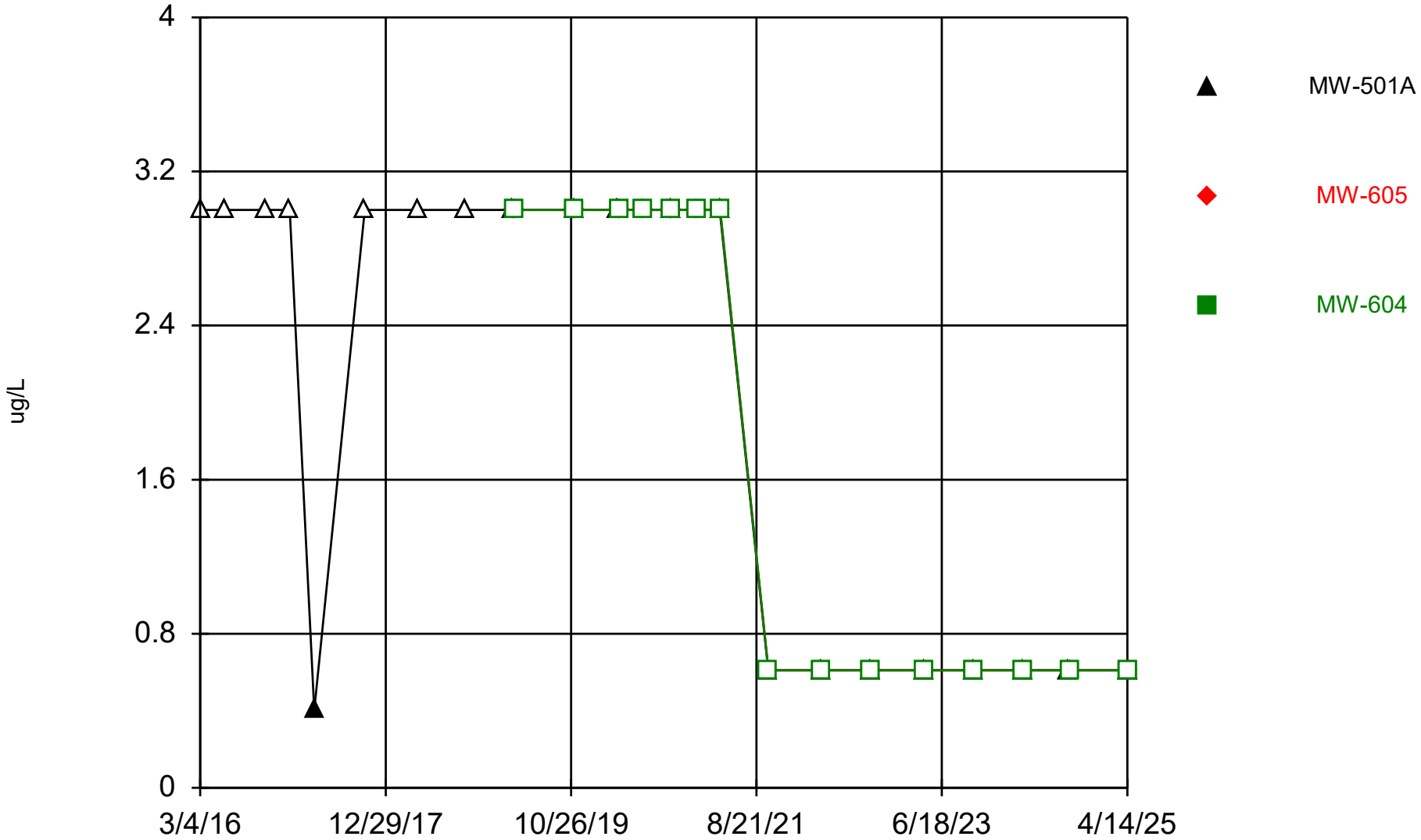

Constituent: Chloromethane Analysis Run 6/12/2025 2:11 PM View: All Wells - Appendix I VOCs

DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

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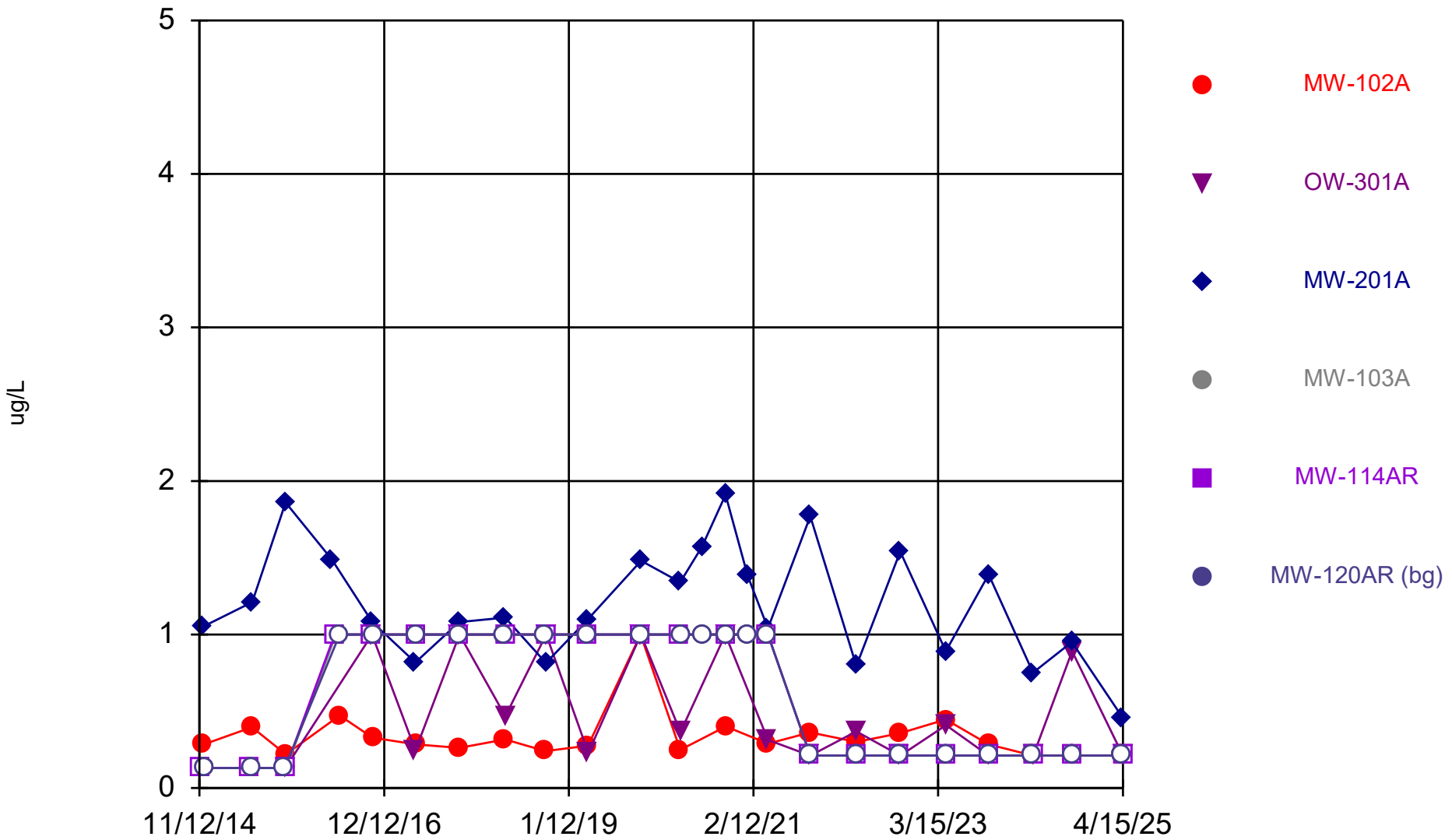
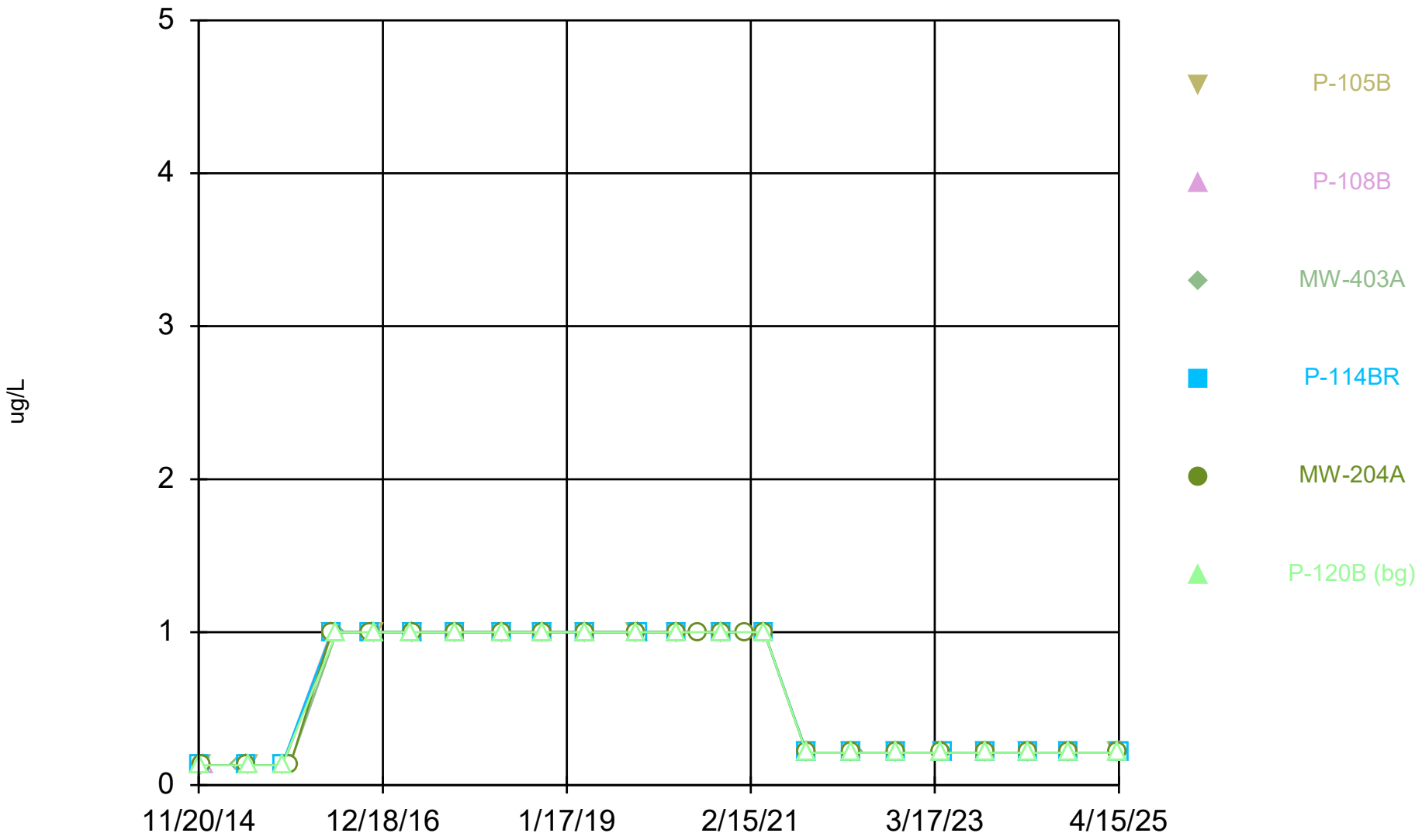


Constituent: cis-1,2-Dichloroethene Analysis Run 6/12/2025 2:11 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series



Constituent: cis-1,2-Dichloroethene Analysis Run 6/12/2025 2:11 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
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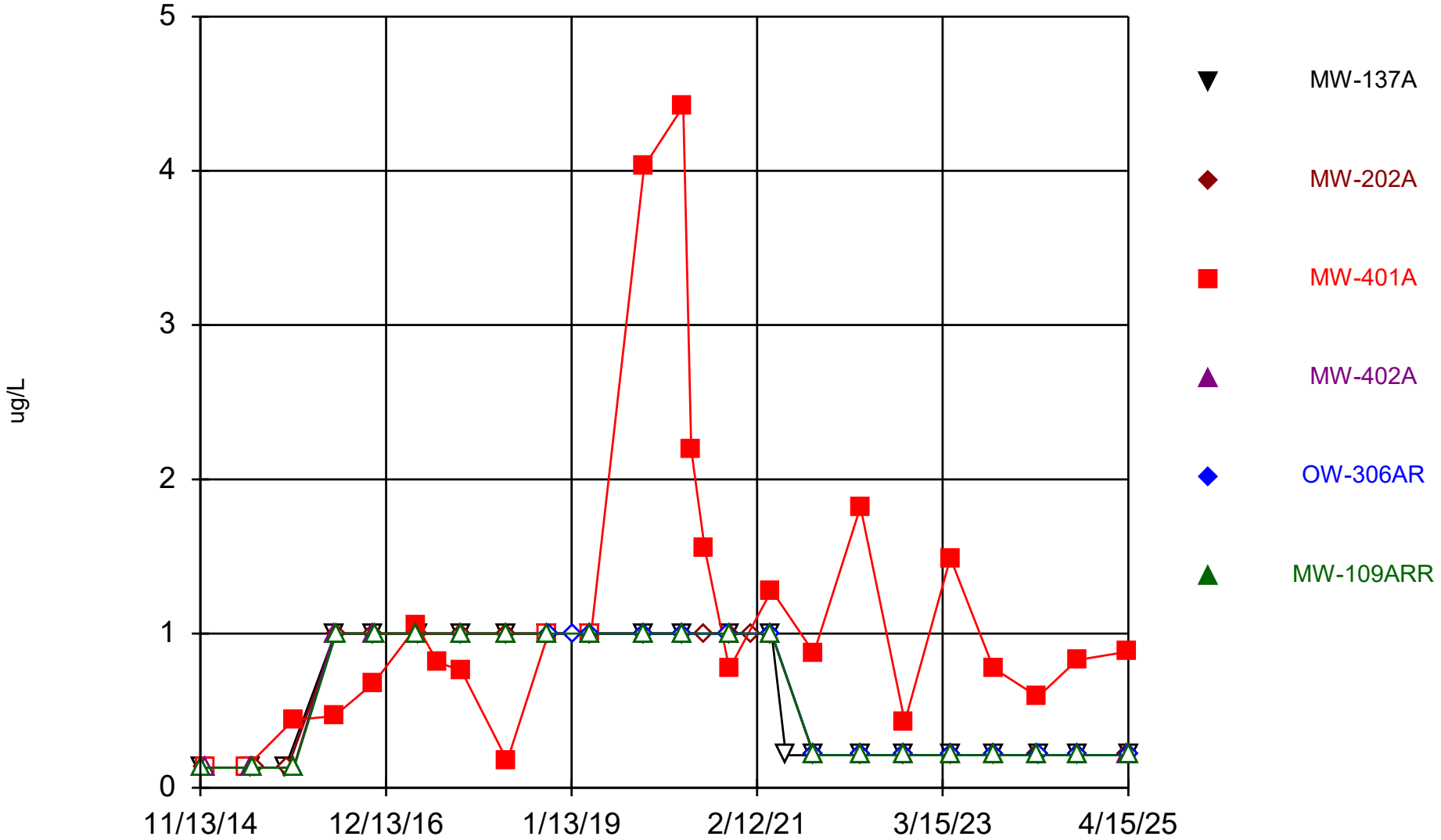
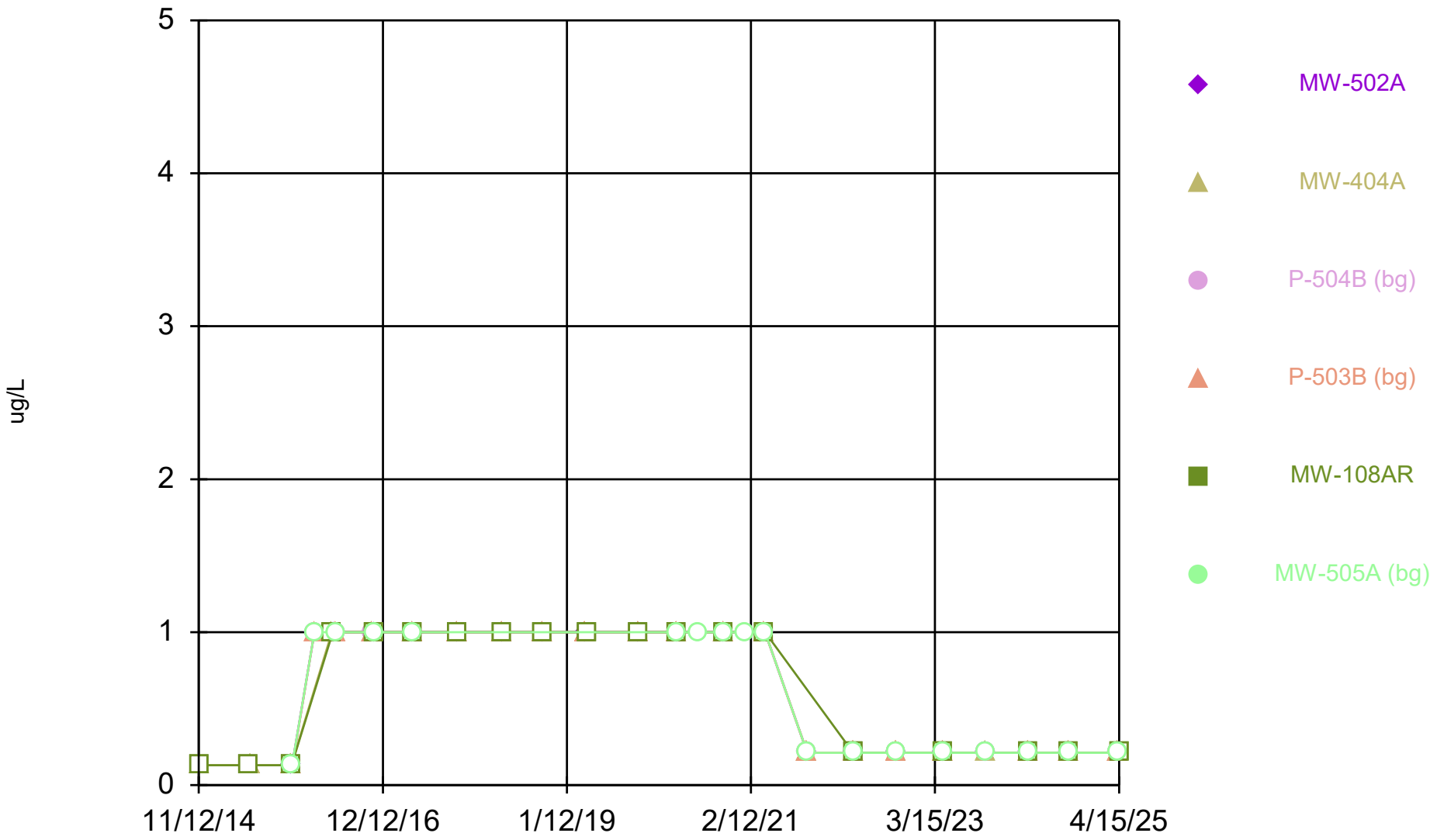


Constituent: cis-1,2-Dichloroethene Analysis Run 6/12/2025 2:11 PM View: All Wells - Appendix I VOCs

DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series



Constituent: cis-1,2-Dichloroethene Analysis Run 6/12/2025 2:11 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

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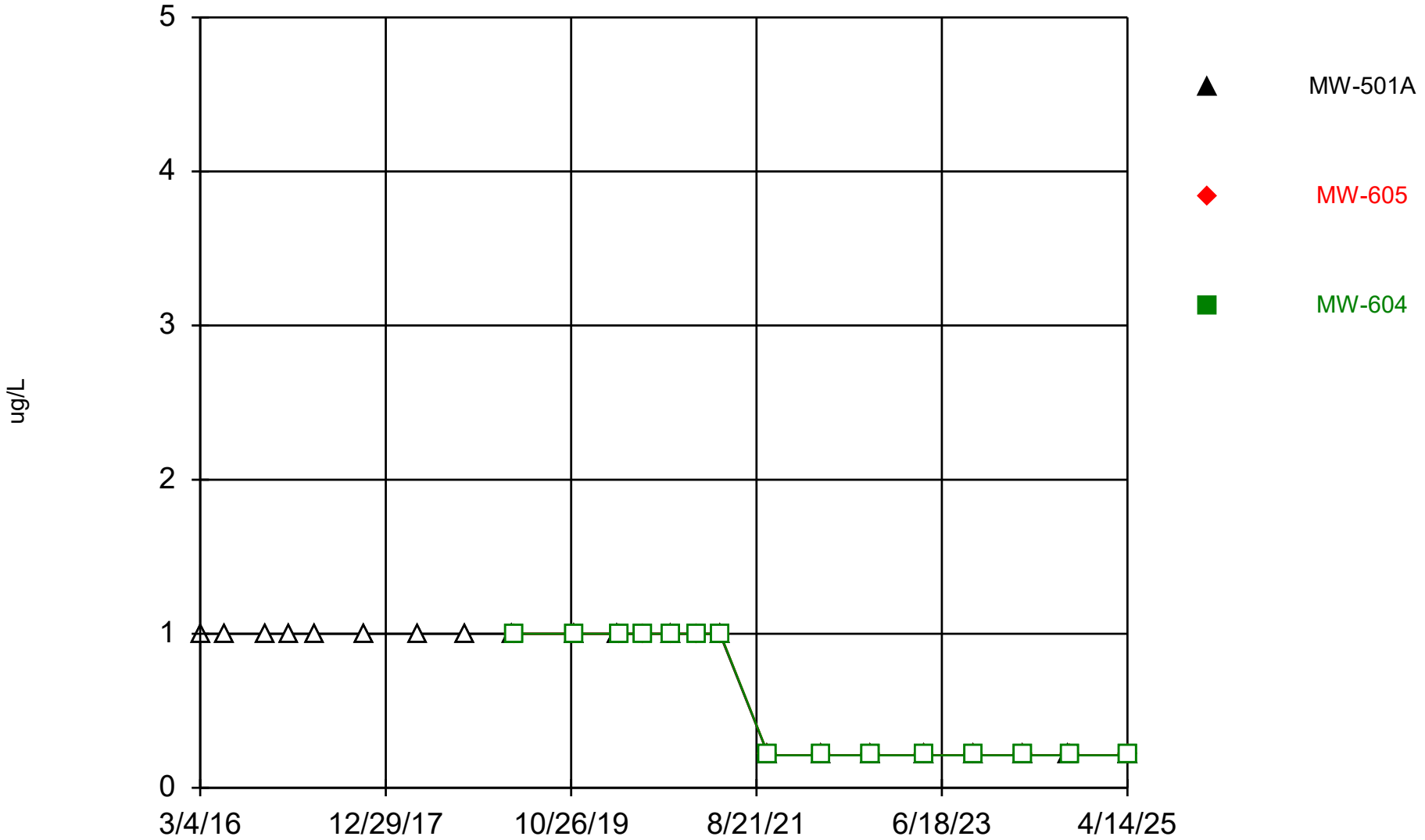

Constituent: cis-1,2-Dichloroethene Analysis Run 6/12/2025 2:11 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

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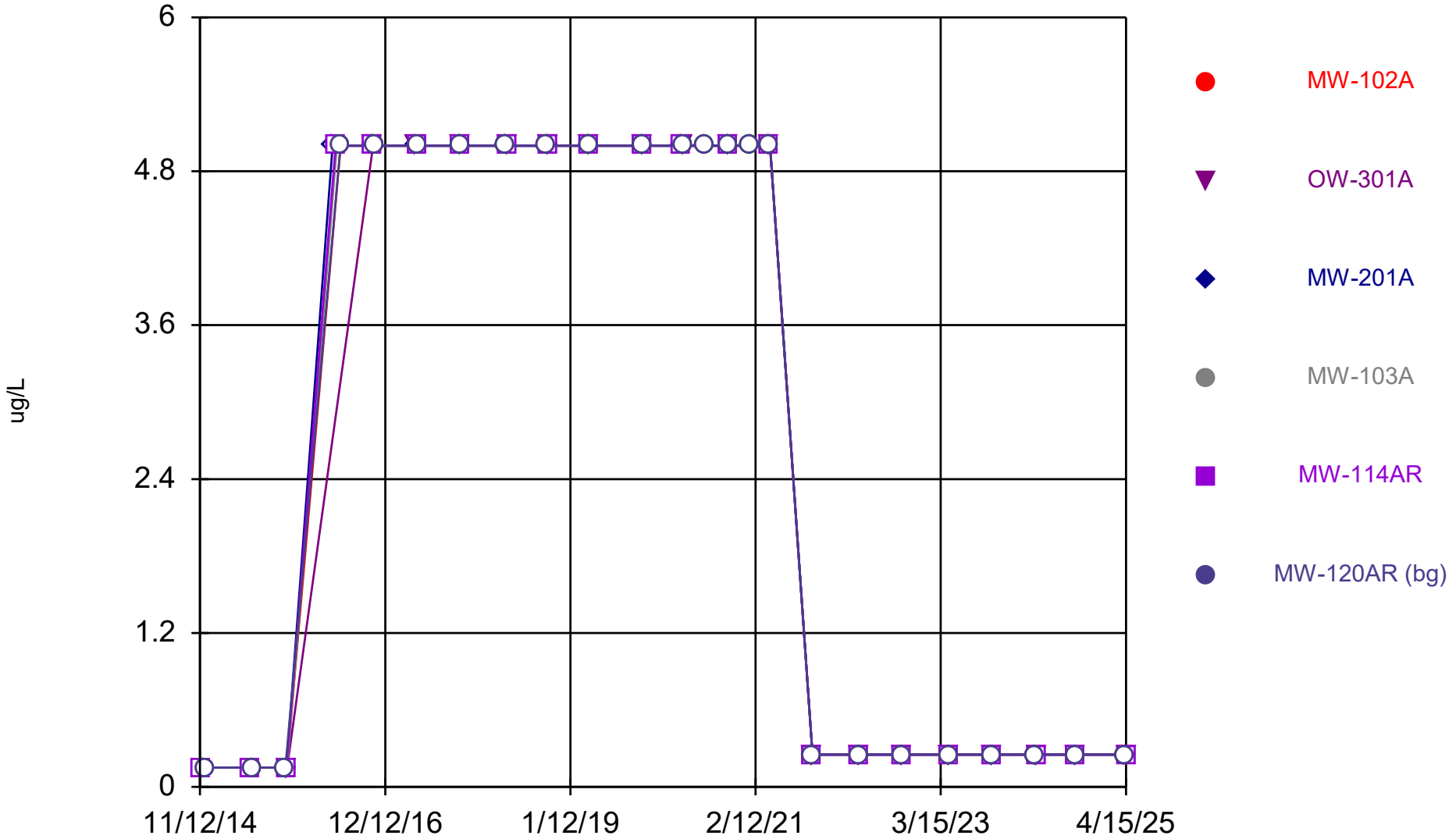
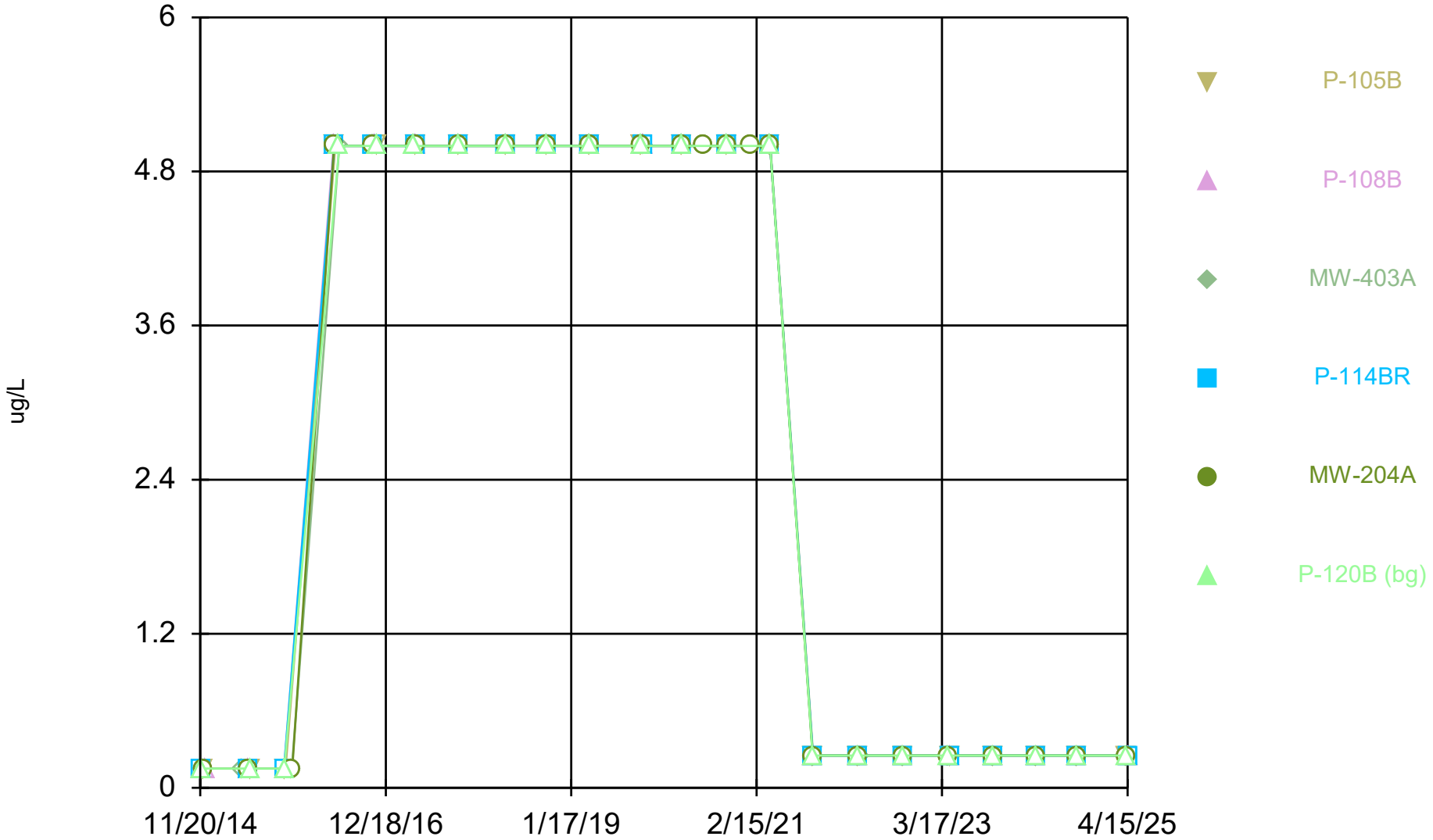


Constituent: cis-1,3-Dichloropropene Analysis Run 6/12/2025 2:11 PM View: All Wells - Appendix I VOCs

DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series



Constituent: cis-1,3-Dichloropropene Analysis Run 6/12/2025 2:11 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

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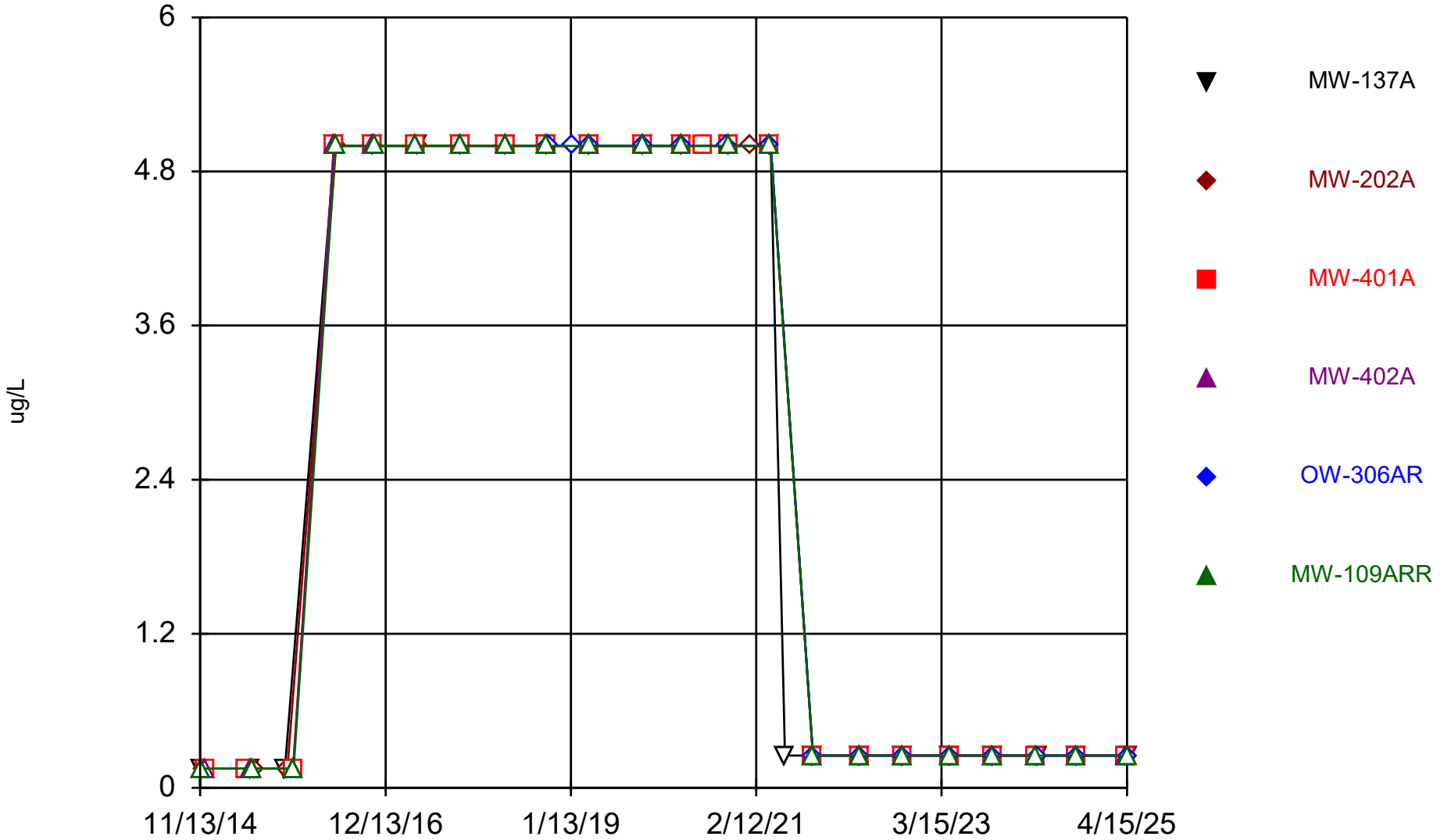
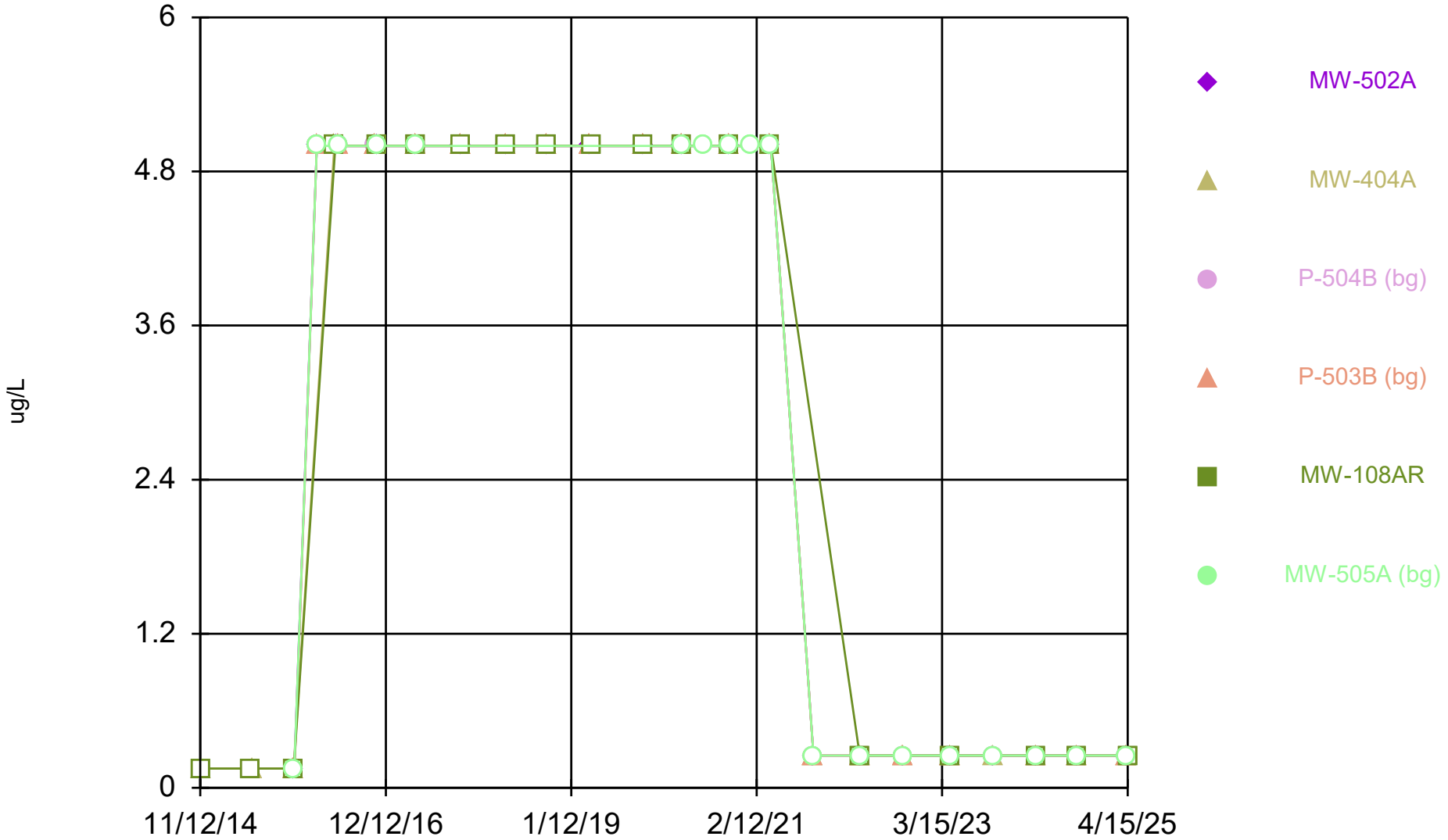


Constituent: cis-1,3-Dichloropropene Analysis Run 6/12/2025 2:11 PM View: All Wells - Appendix I VOCs

DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

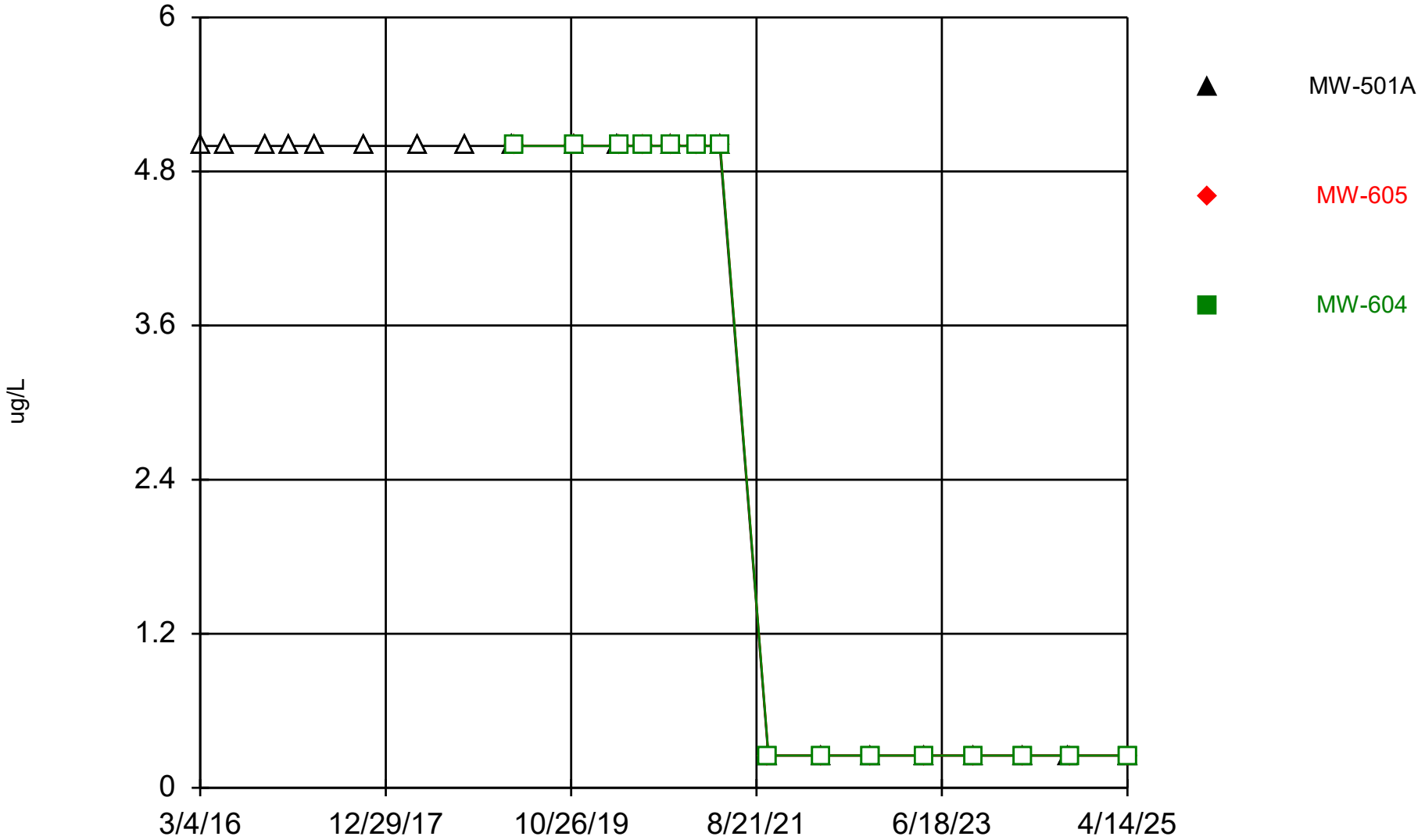
Time Series



Constituent: cis-1,3-Dichloropropene Analysis Run 6/12/2025 2:11 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

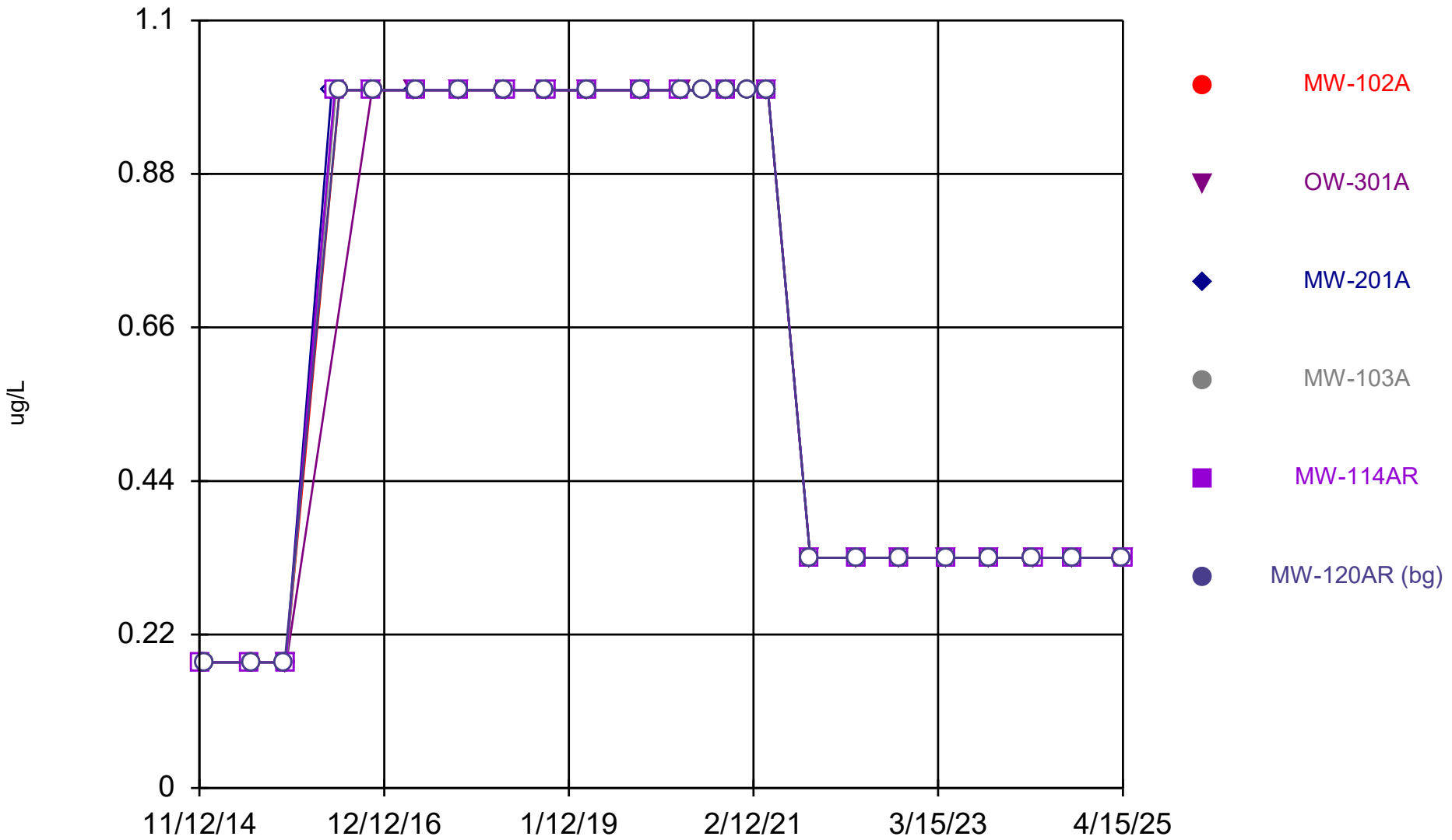


Constituent: cis-1,3-Dichloropropene Analysis Run 6/12/2025 2:11 PM View: All Wells - Appendix I VOCs

DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

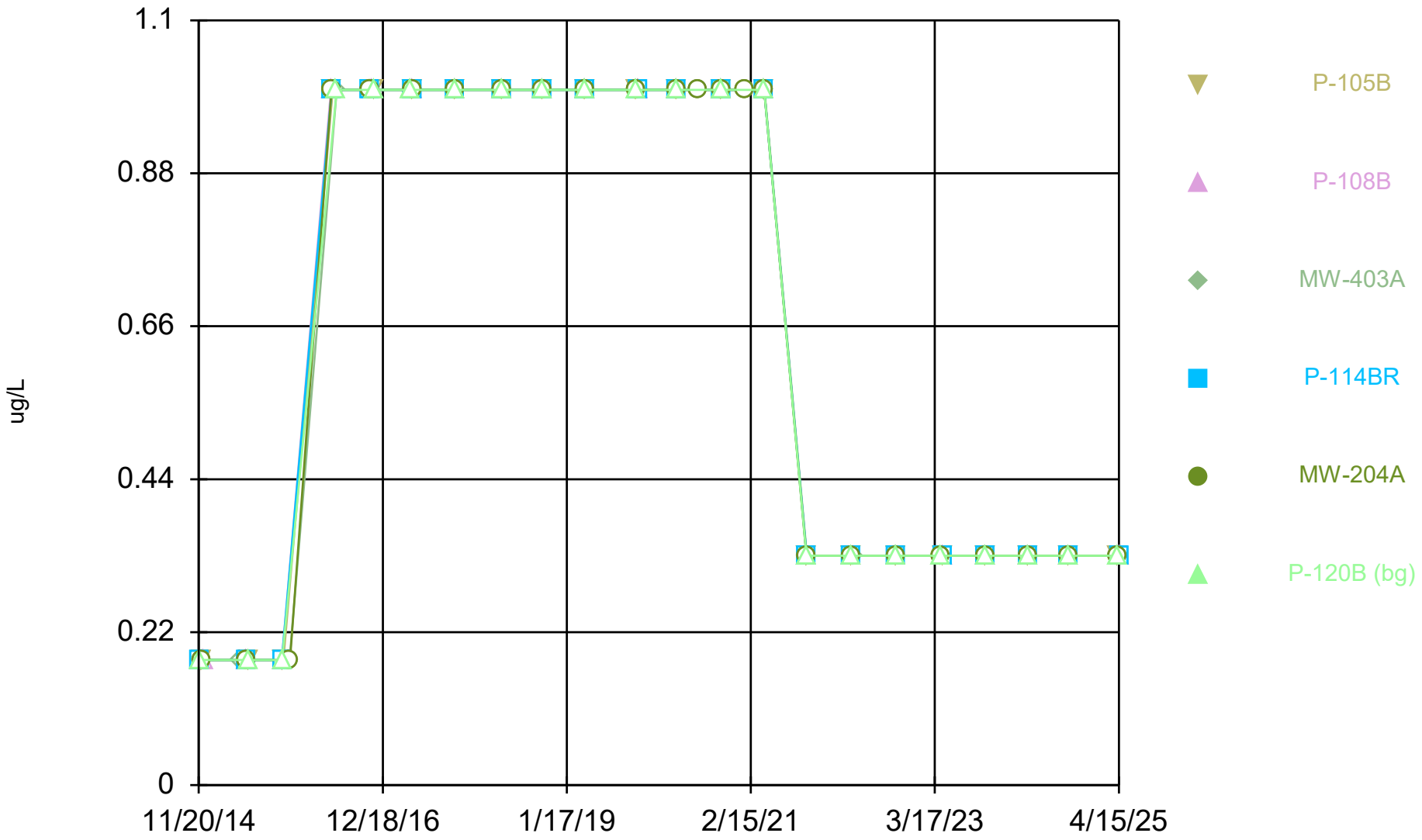
Time Series



Constituent: Dibromomethane Analysis Run 6/12/2025 2:11 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

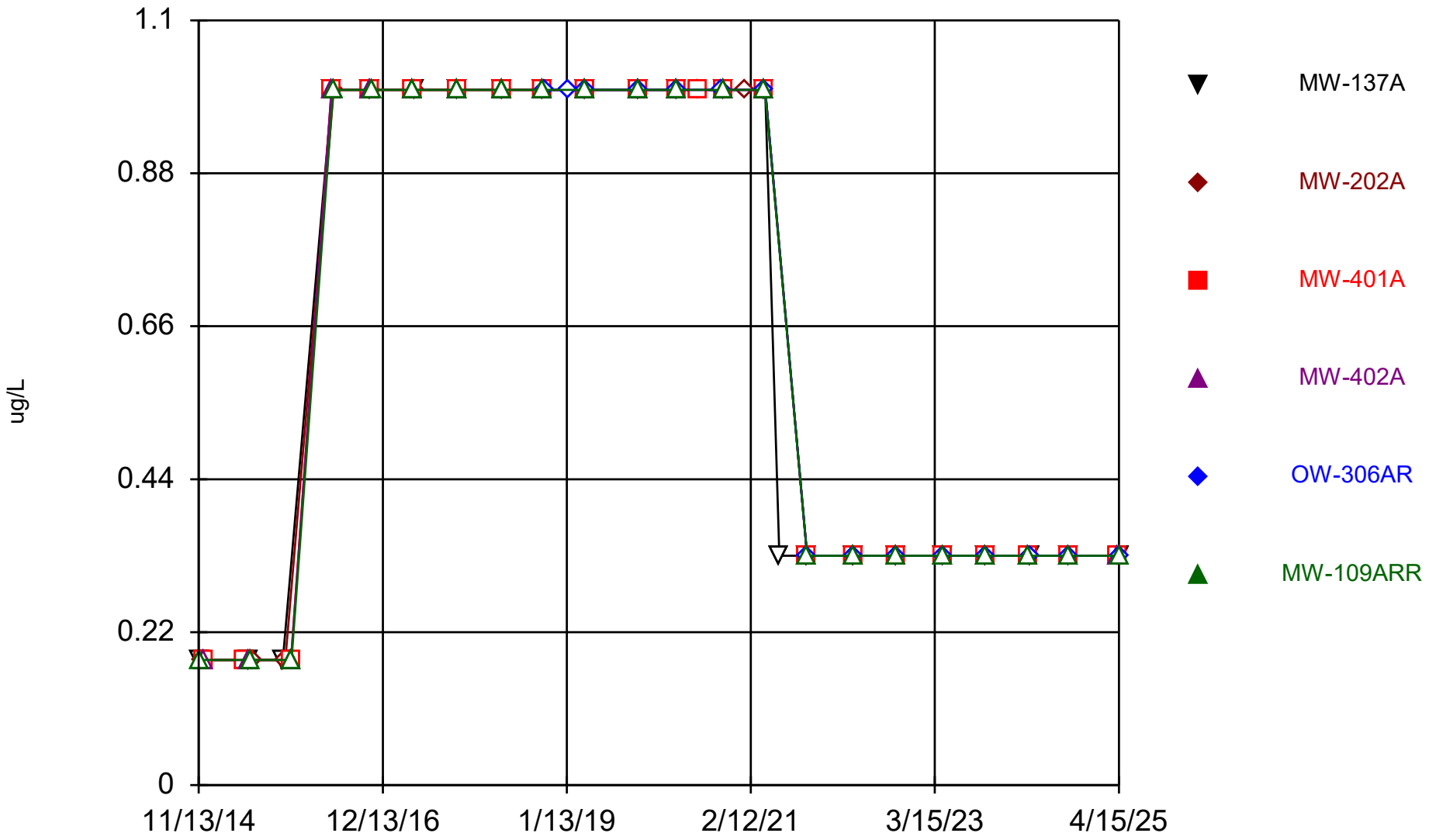
Time Series



Constituent: Dibromomethane Analysis Run 6/12/2025 2:11 PM View: All Wells - Appendix I VOCs DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

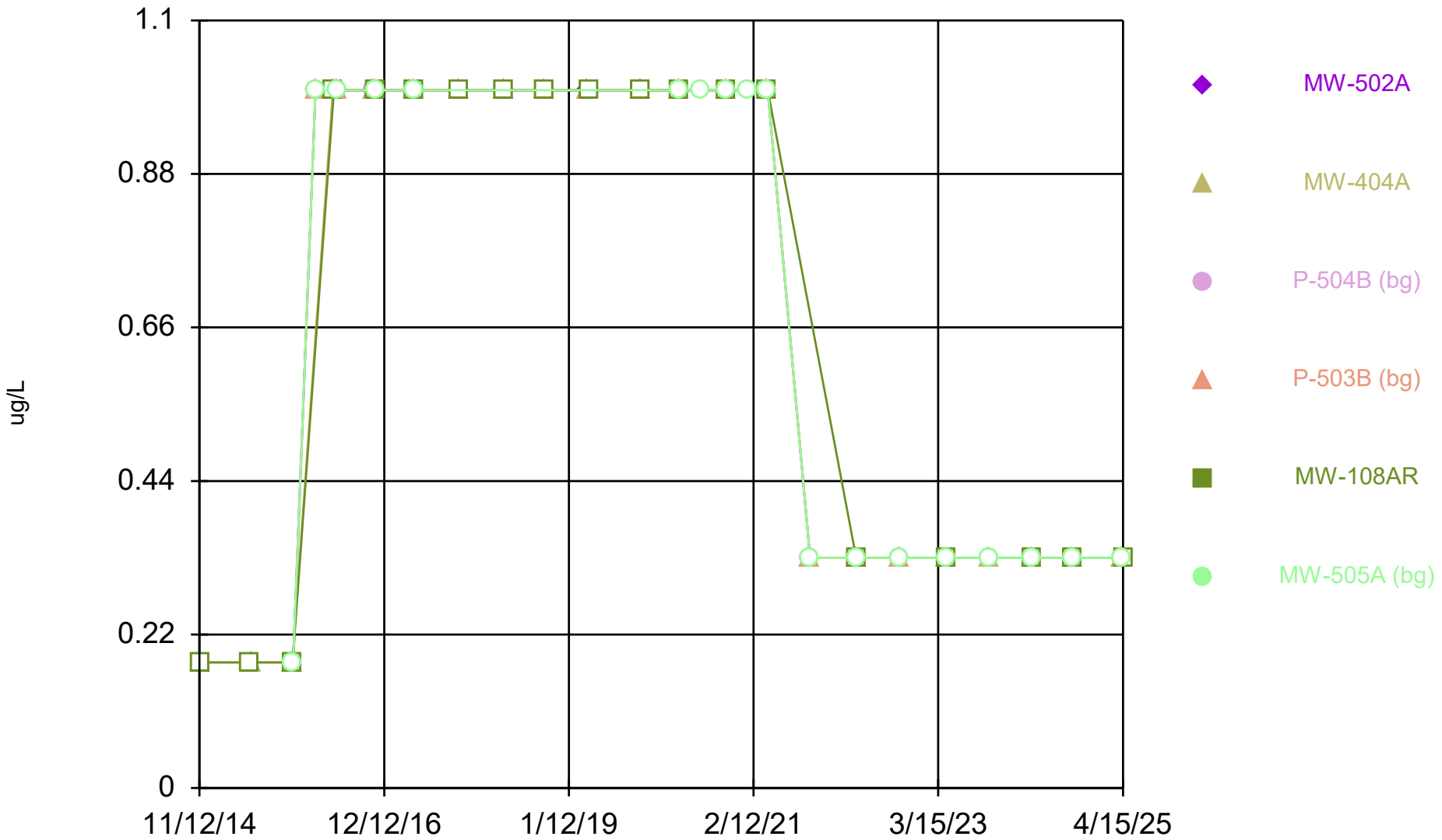
Time Series



Constituent: Dibromomethane Analysis Run 6/12/2025 2:11 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

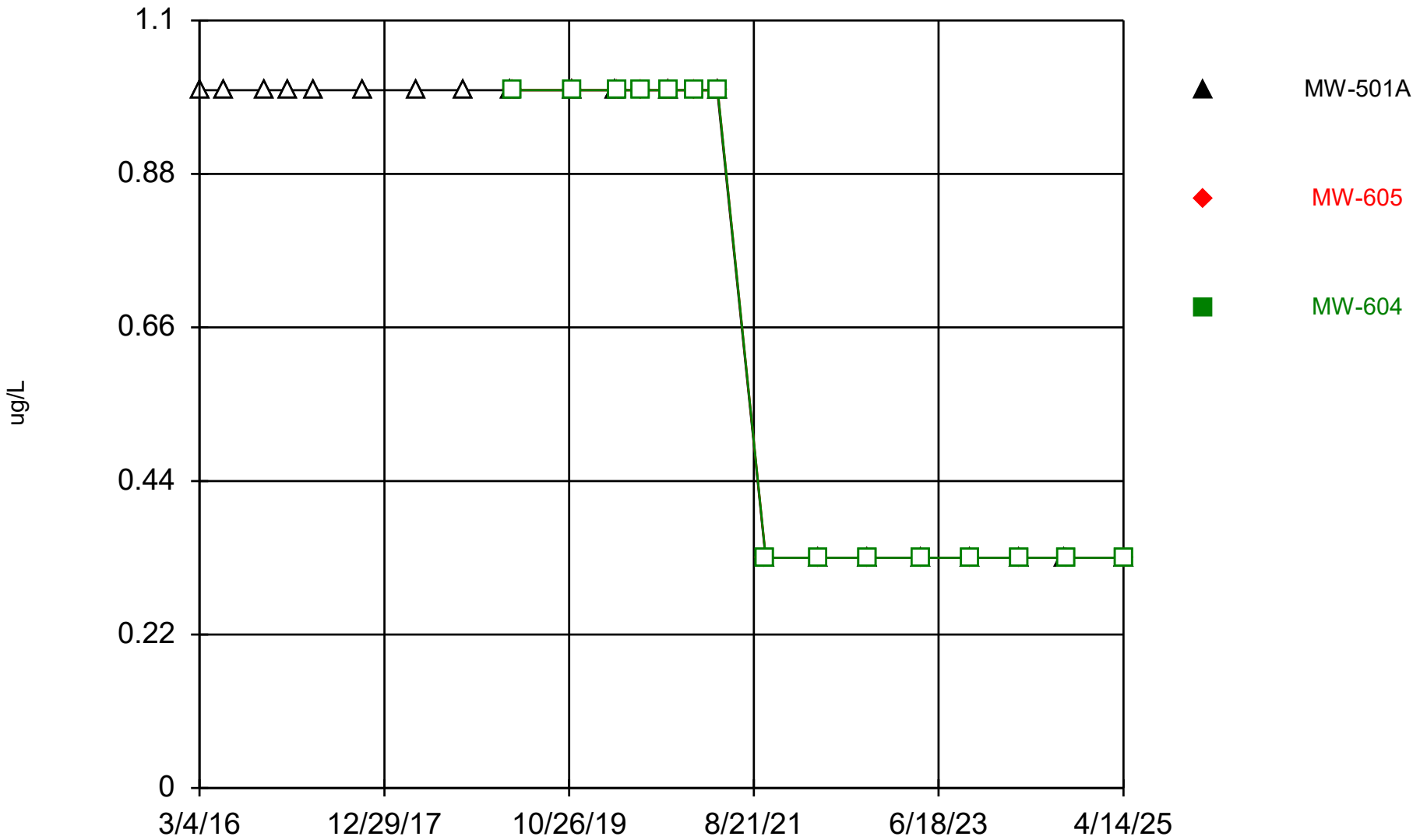
Time Series



Constituent: Dibromomethane Analysis Run 6/12/2025 2:11 PM View: All Wells - Appendix I VOCs DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

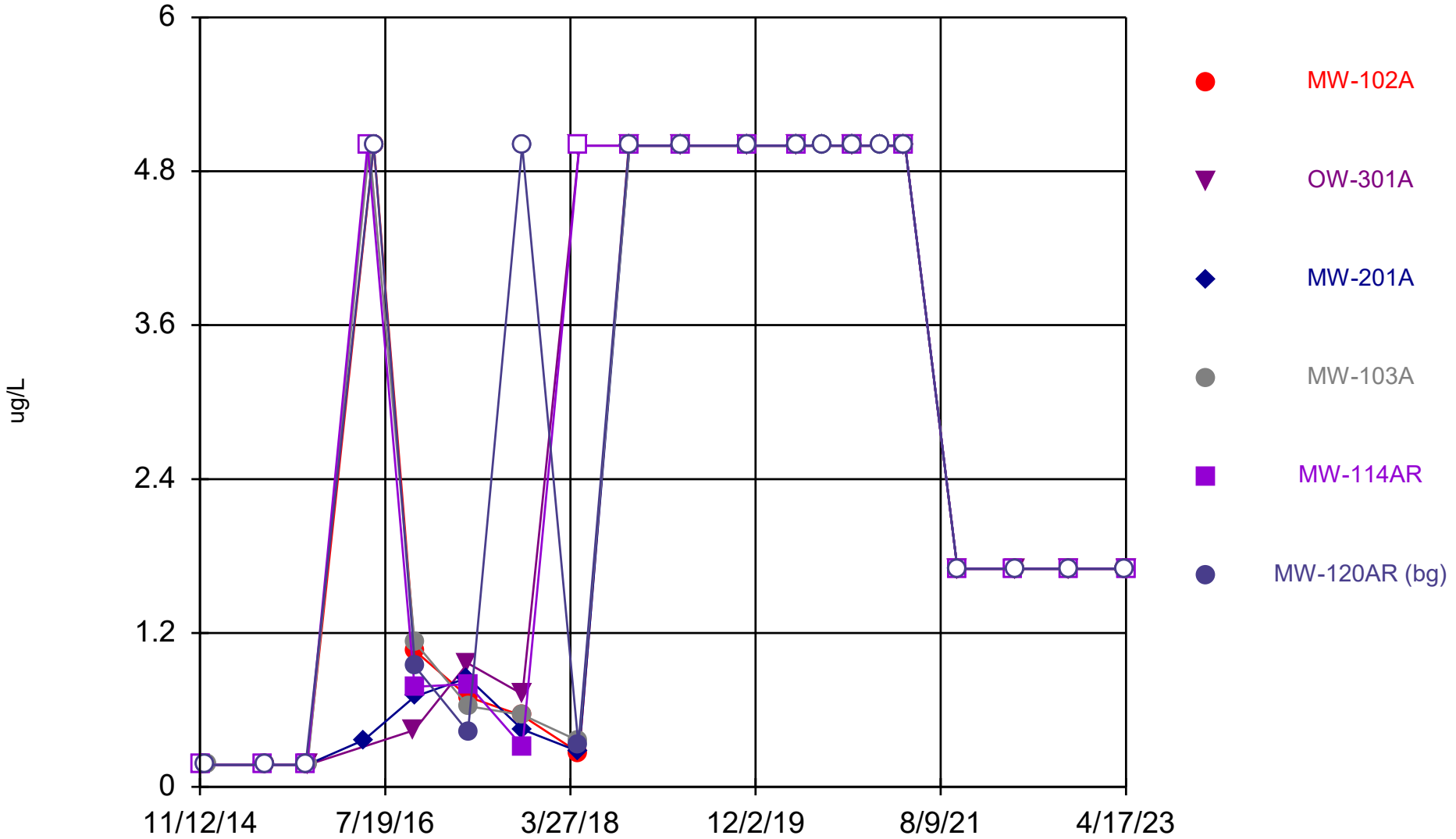
Time Series



Constituent: Dibromomethane Analysis Run 6/12/2025 2:11 PM View: All Wells - Appendix I VOCs DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

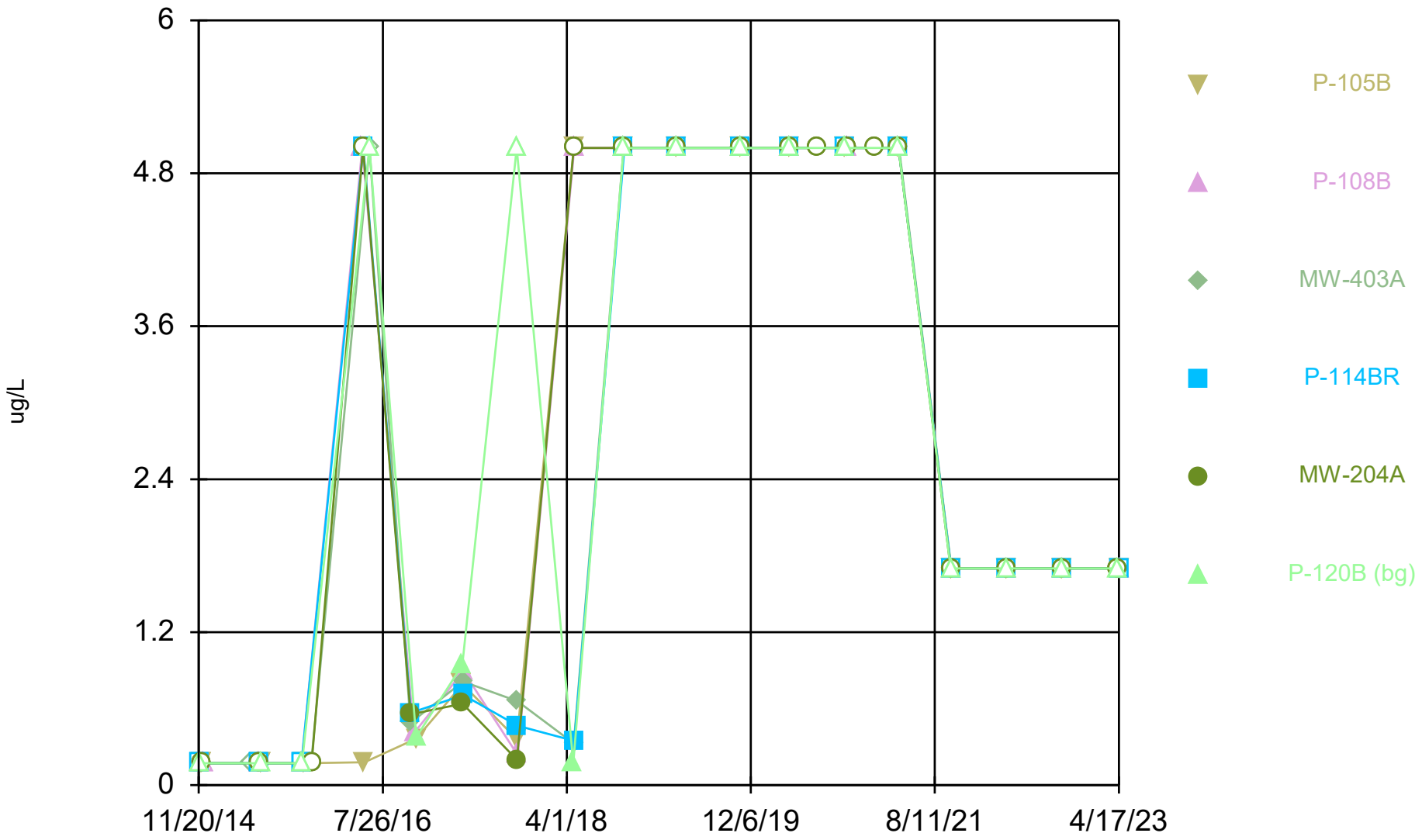


Constituent: Dichloromethane Analysis Run 6/12/2025 2:11 PM View: All Wells - Appendix I VOCs

DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

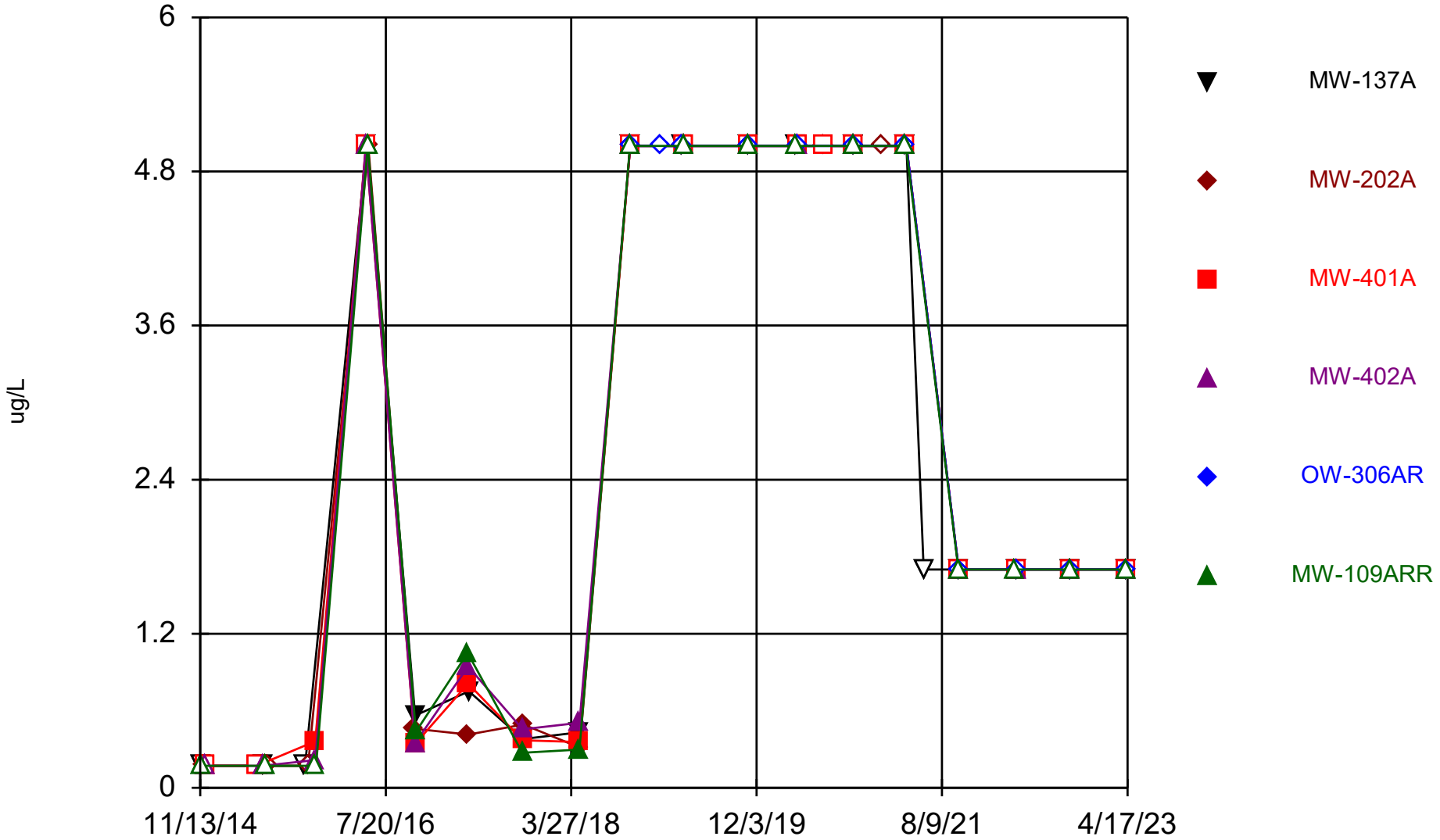
Time Series



Constituent: Dichloromethane Analysis Run 6/12/2025 2:11 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

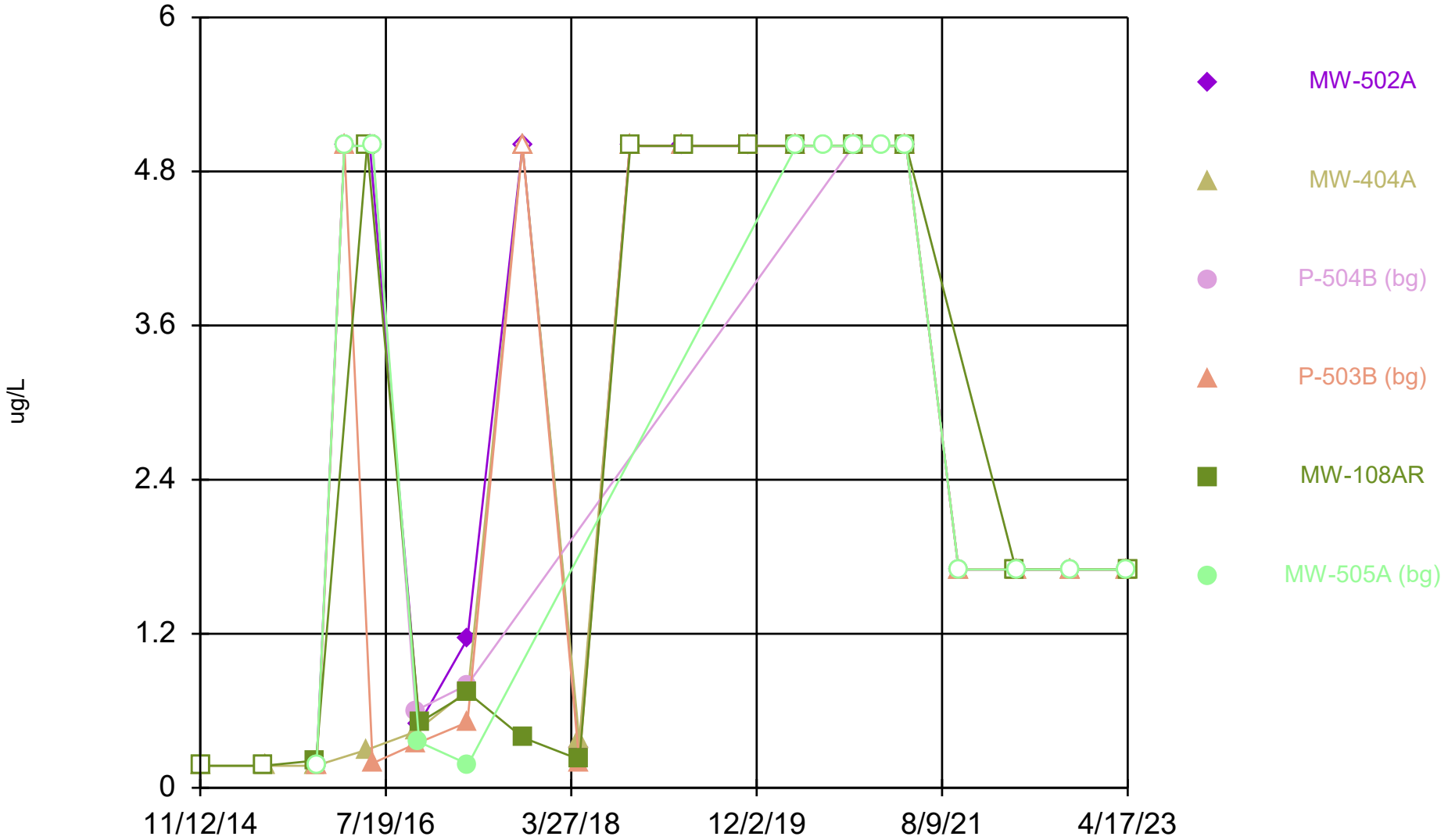


Constituent: Dichloromethane Analysis Run 6/12/2025 2:11 PM View: All Wells - Appendix I VOCs

DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

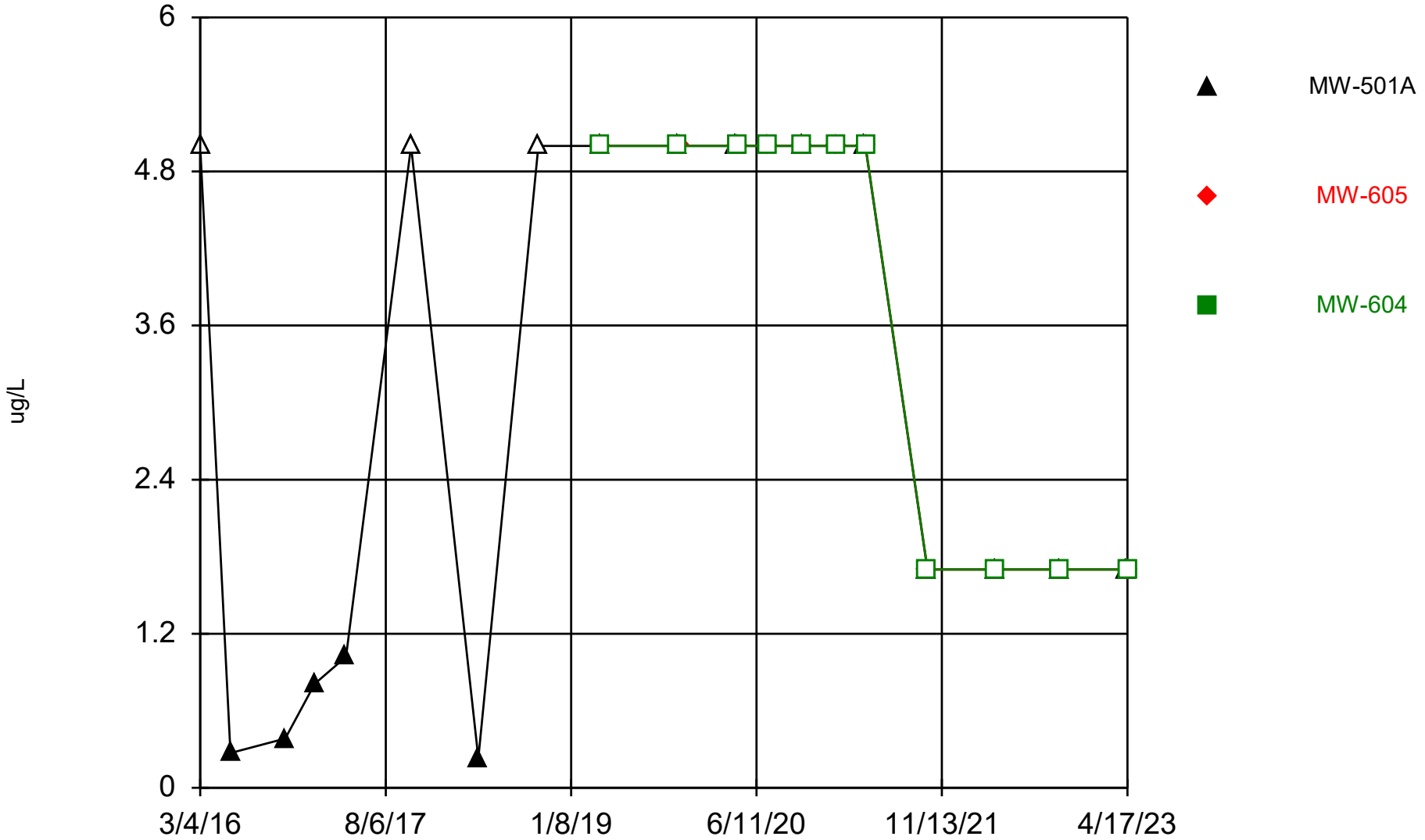
Time Series



Constituent: Dichloromethane Analysis Run 6/12/2025 2:11 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

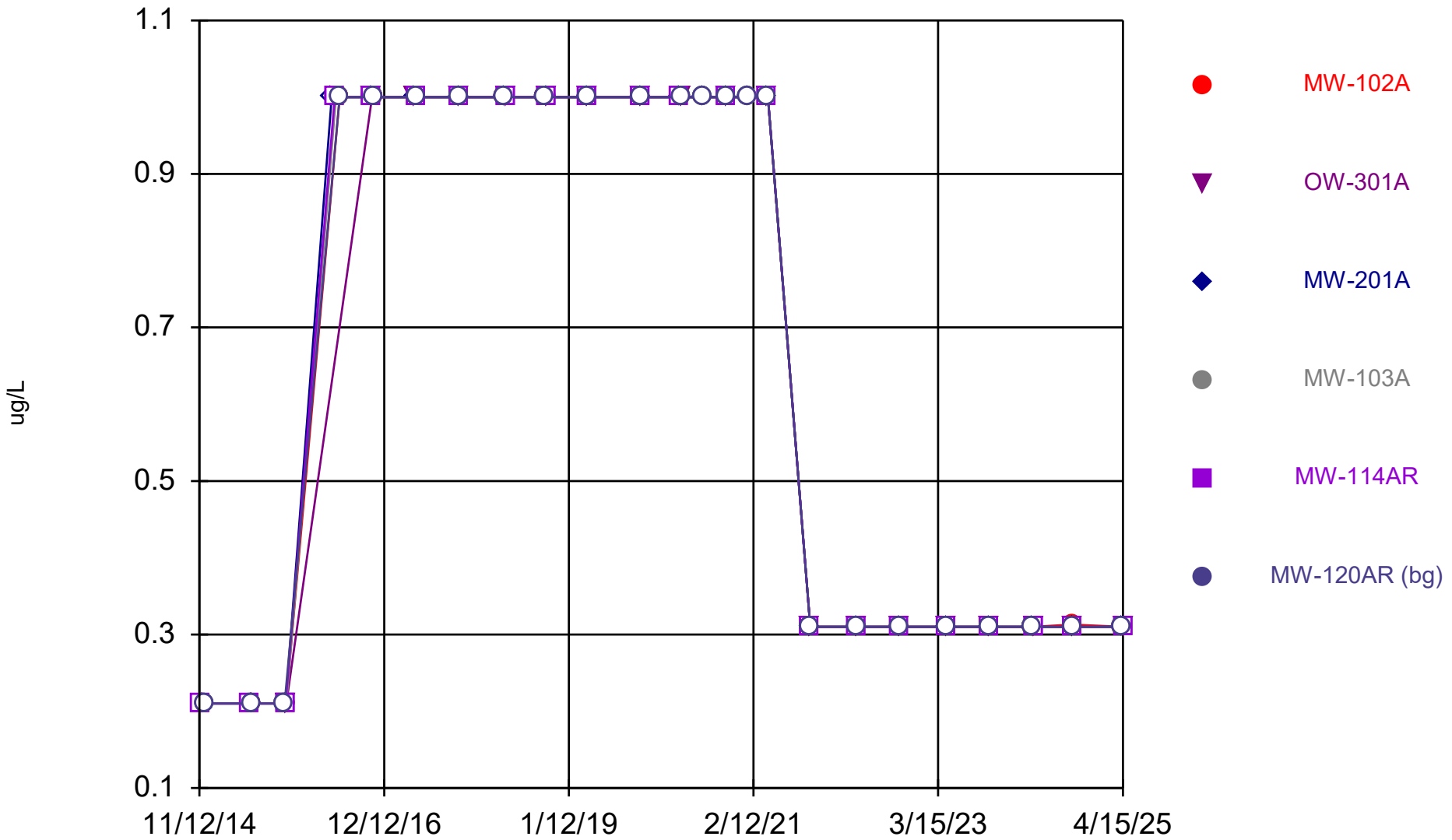


Constituent: Dichloromethane Analysis Run 6/12/2025 2:11 PM View: All Wells - Appendix I VOCs

DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

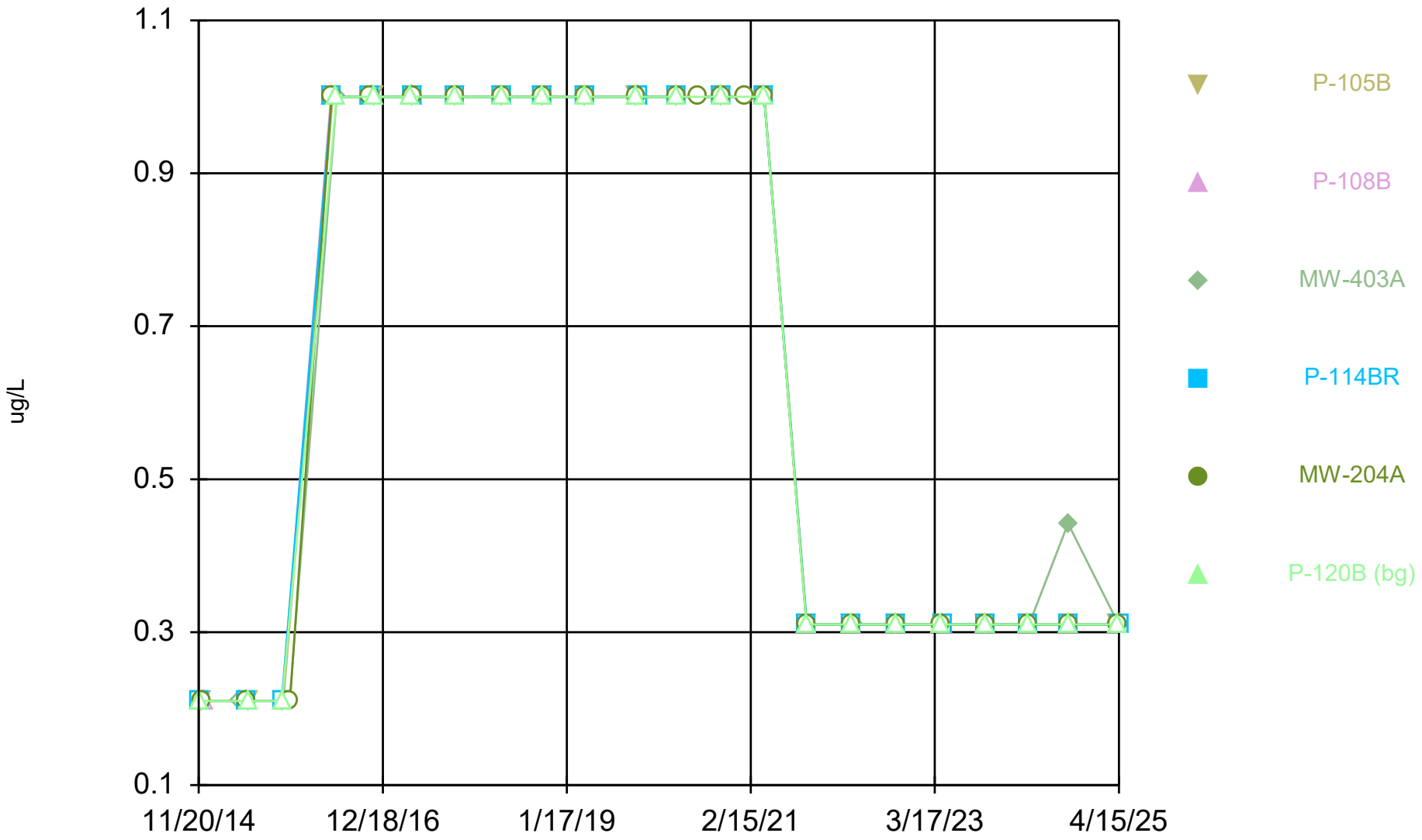
Time Series



Constituent: Ethylbenzene Analysis Run 6/12/2025 2:11 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

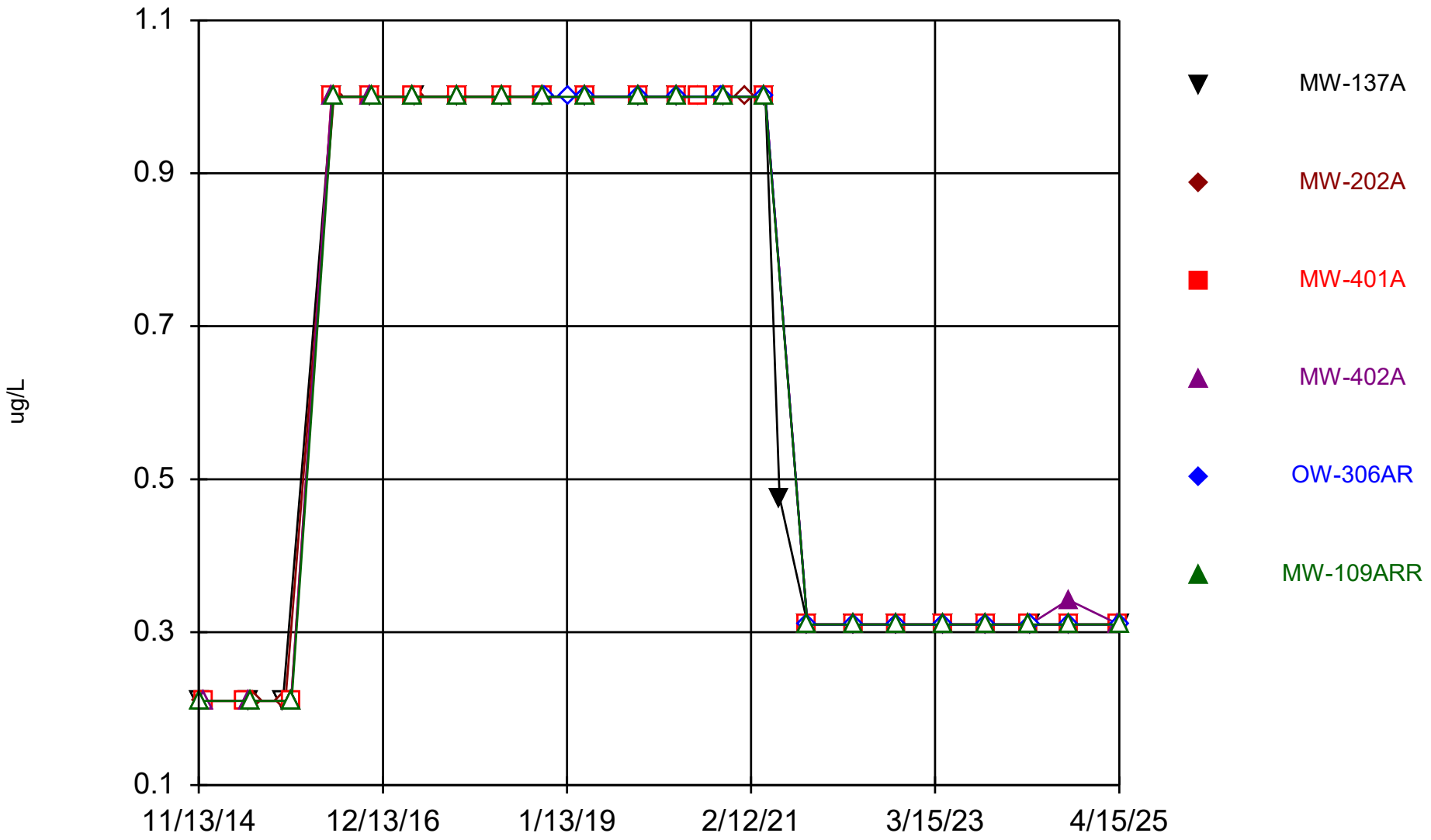
Time Series



Constituent: Ethylbenzene Analysis Run 6/12/2025 2:11 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

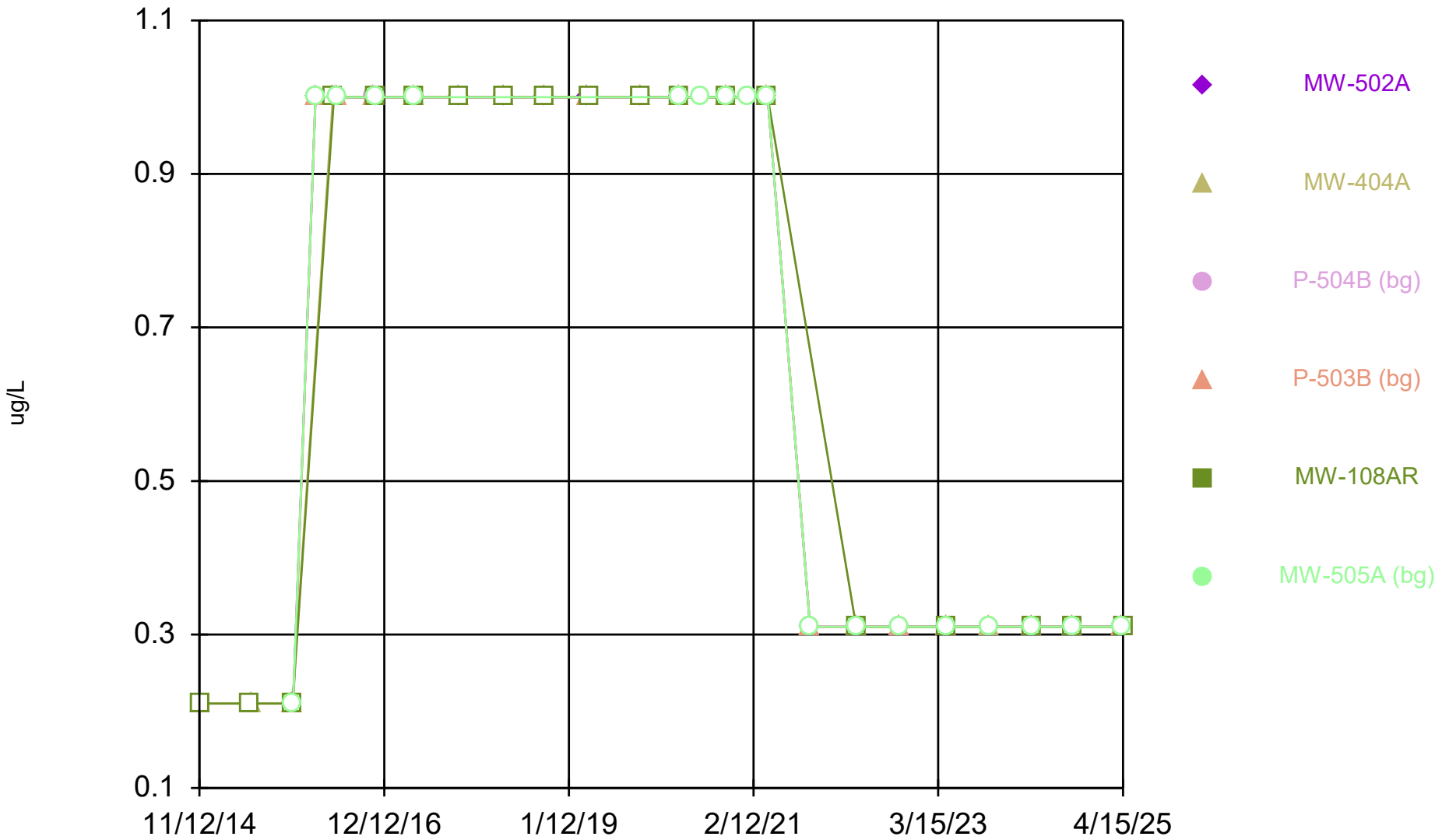


Constituent: Ethylbenzene Analysis Run 6/12/2025 2:11 PM View: All Wells - Appendix I VOCs

DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

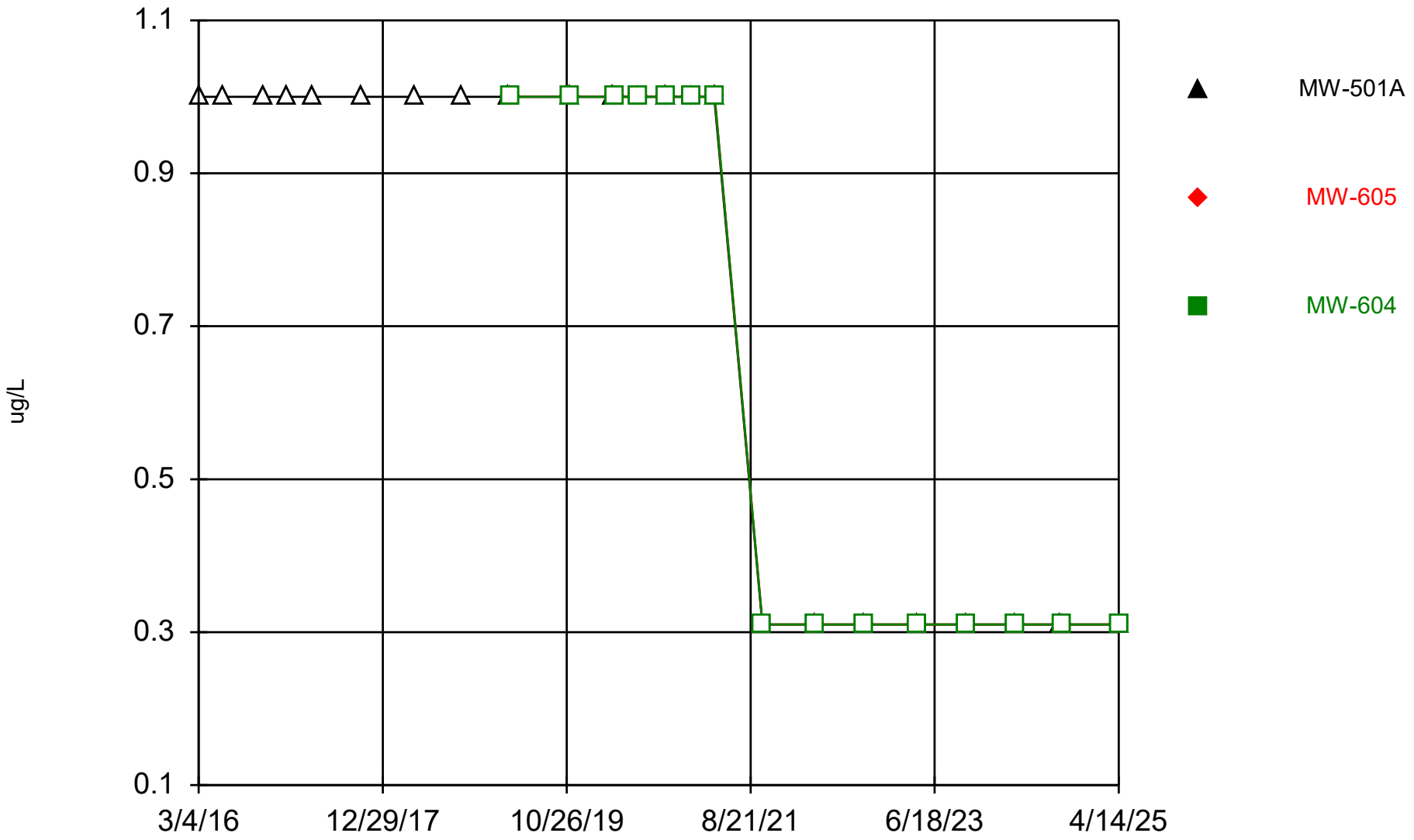
Time Series



Constituent: Ethylbenzene Analysis Run 6/12/2025 2:11 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Ethylbenzene Analysis Run 6/12/2025 2:11 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

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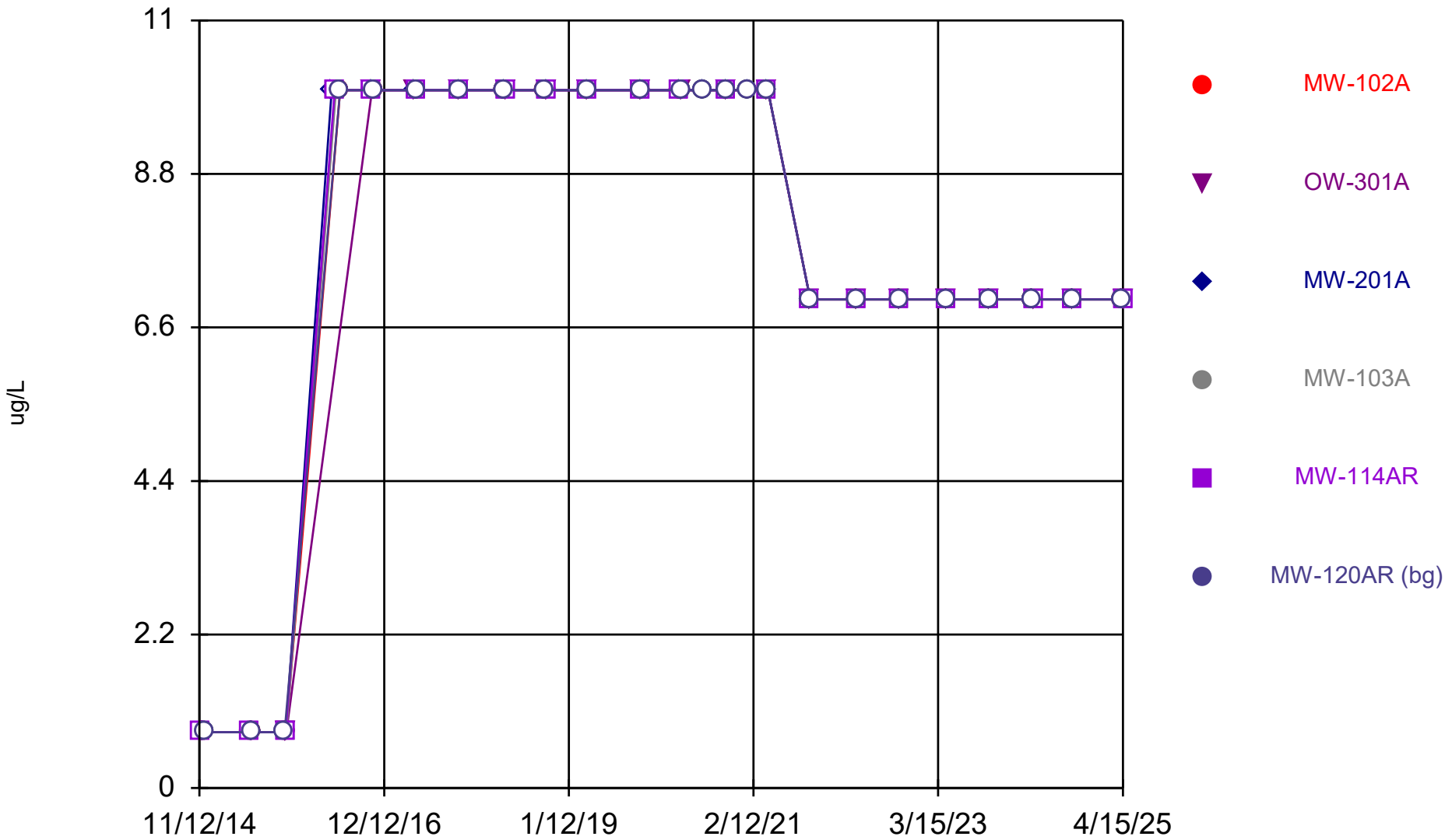
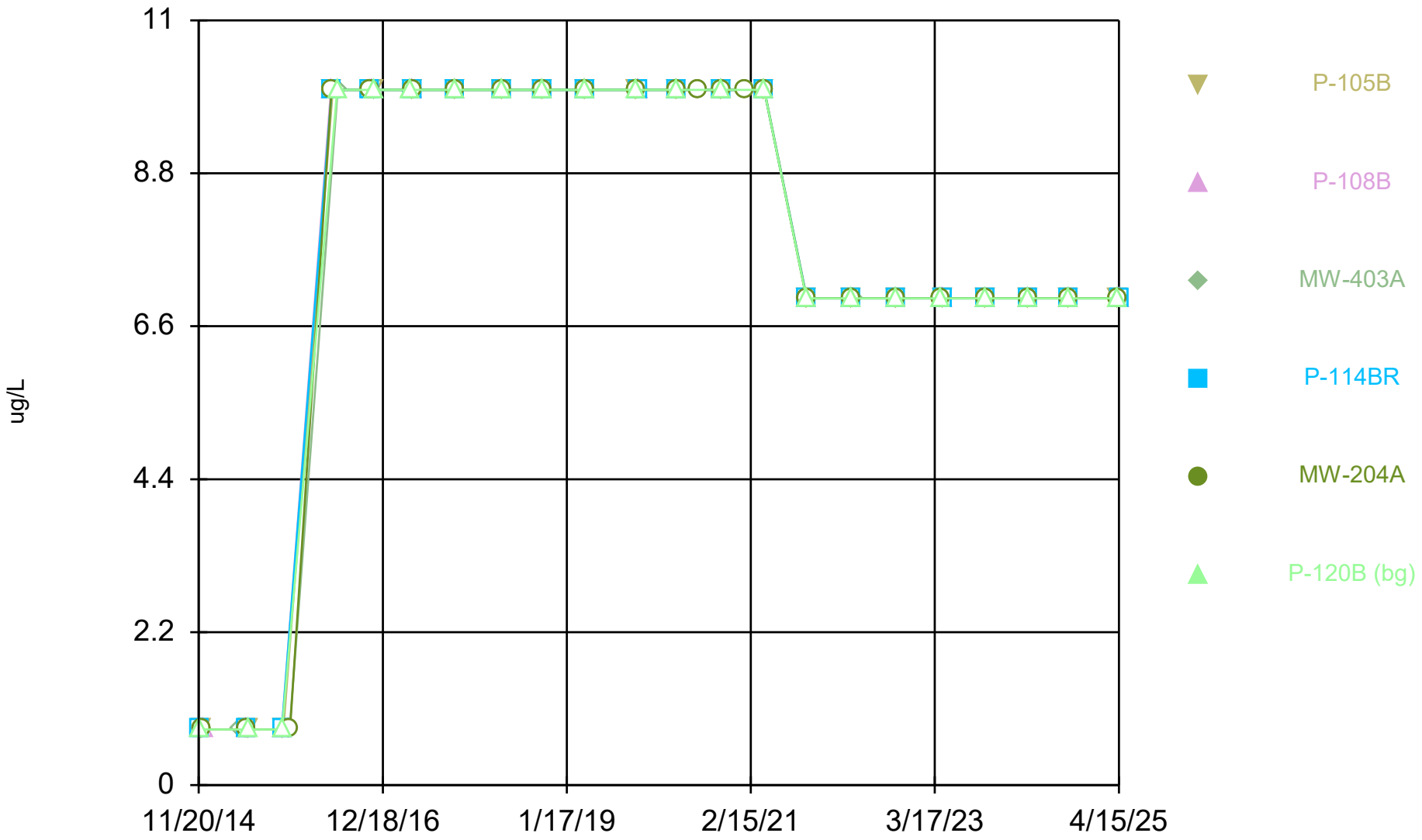


Constituent: Iodomethane Analysis Run 6/12/2025 2:11 PM View: All Wells - Appendix I VOCs DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

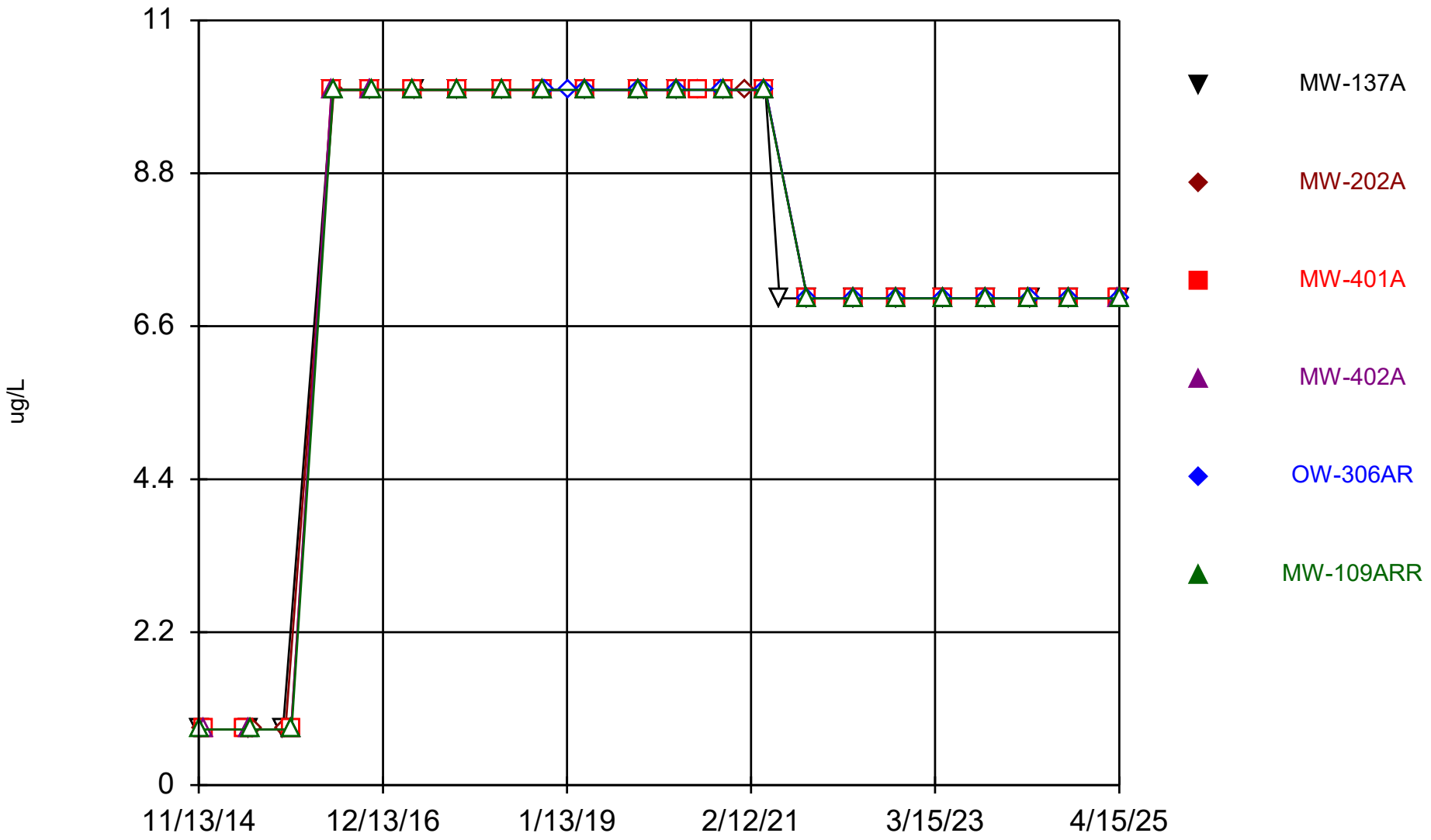
Time Series



Constituent: Iodomethane Analysis Run 6/12/2025 2:11 PM View: All Wells - Appendix I VOCs DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

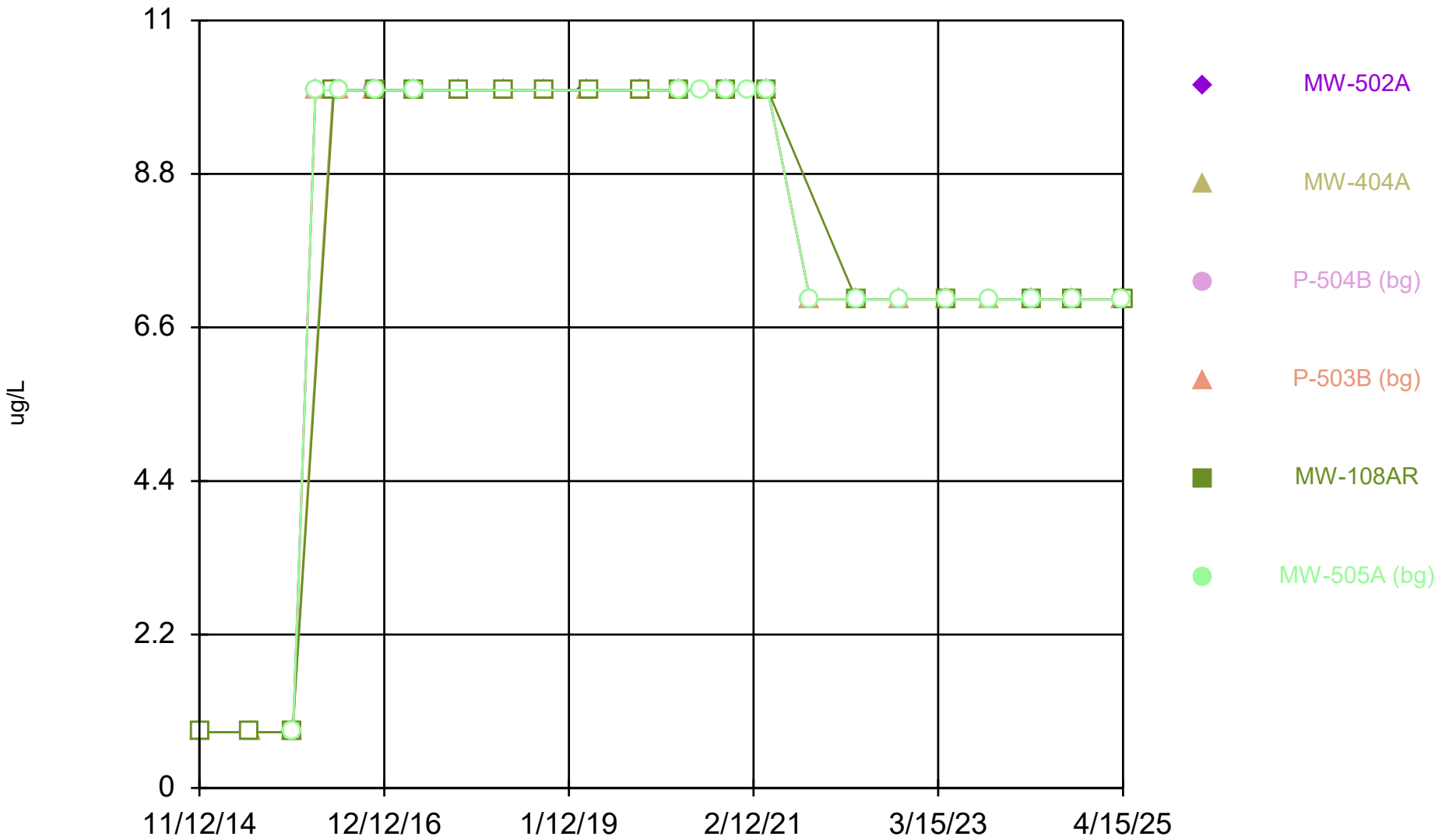
Time Series



Constituent: Iodomethane Analysis Run 6/12/2025 2:11 PM View: All Wells - Appendix I VOCs DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Iodomethane Analysis Run 6/12/2025 2:11 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

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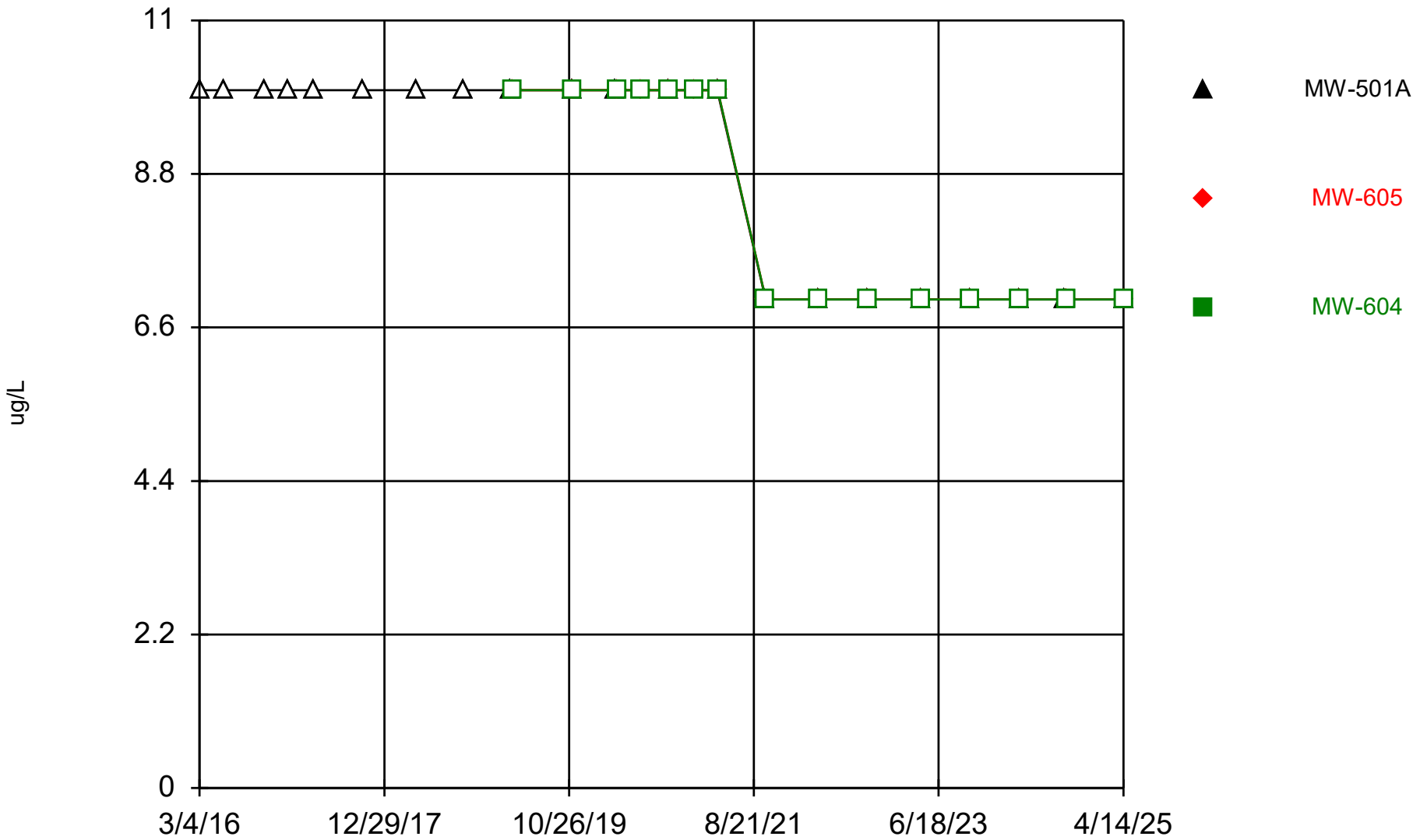
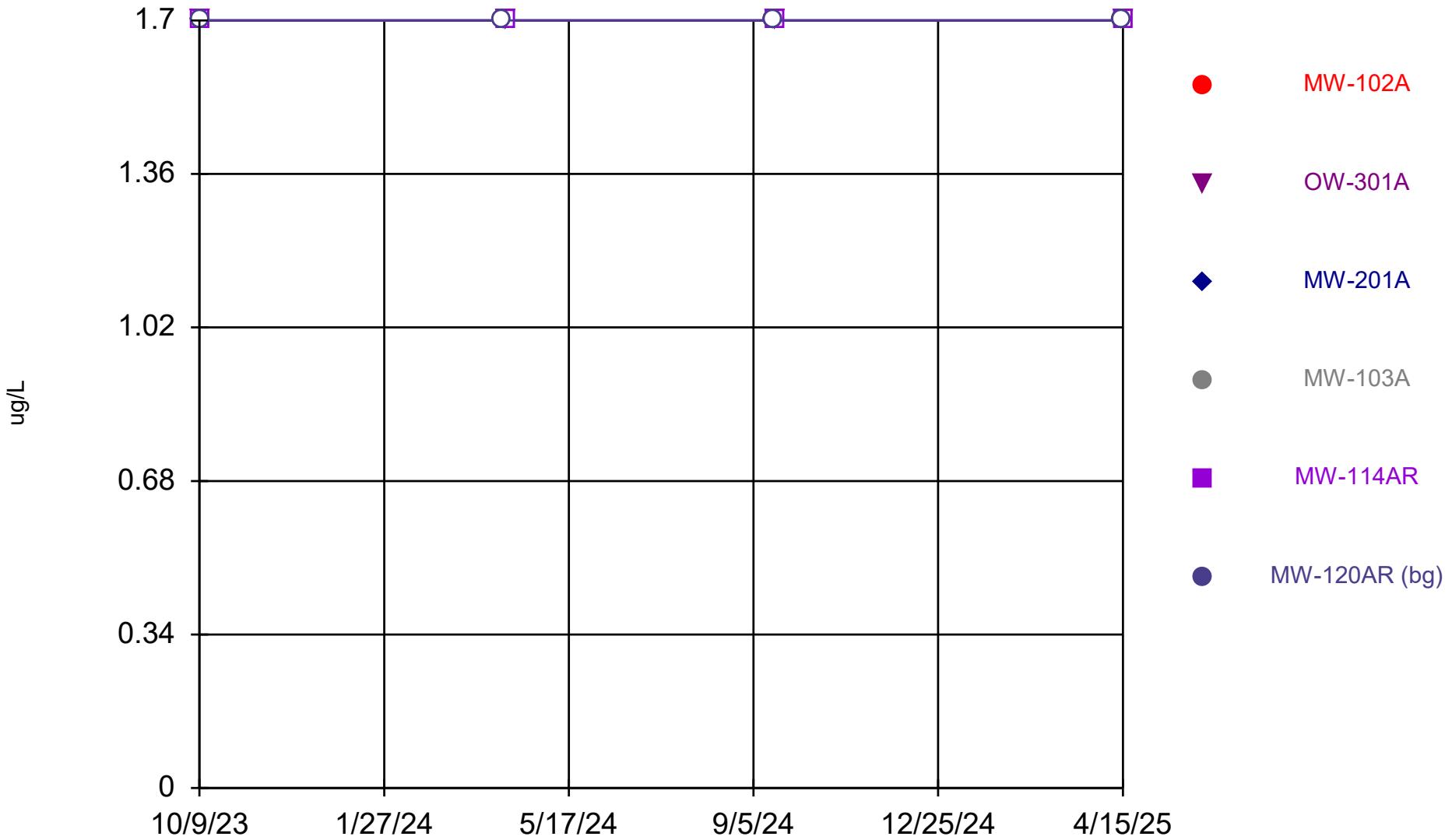


Constituent: Iodomethane Analysis Run 6/12/2025 2:11 PM View: All Wells - Appendix I VOCs DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

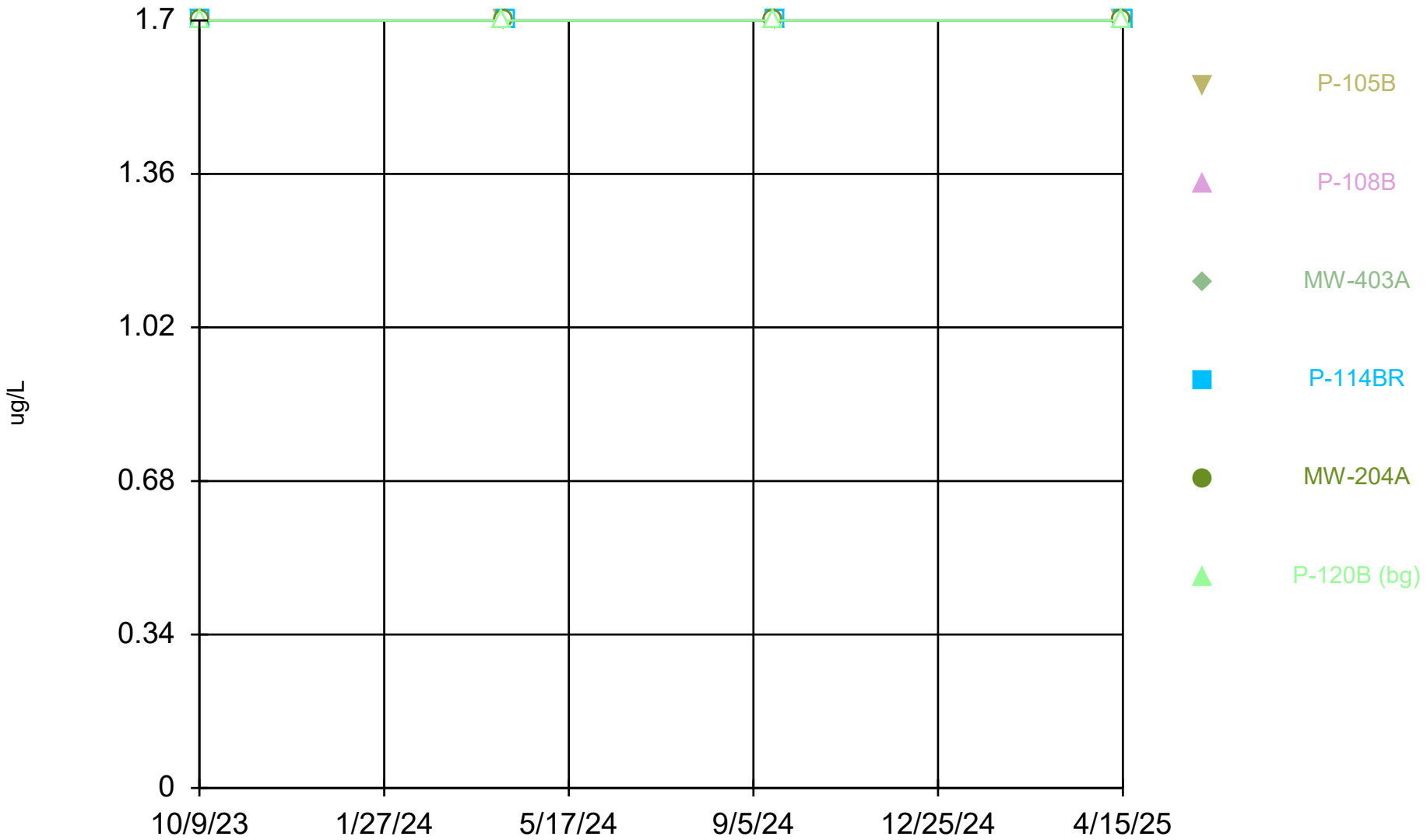


Constituent: Methylene chloride Analysis Run 6/12/2025 2:11 PM View: All Wells - Appendix I VOCs

DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Methylene chloride Analysis Run 6/12/2025 2:11 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

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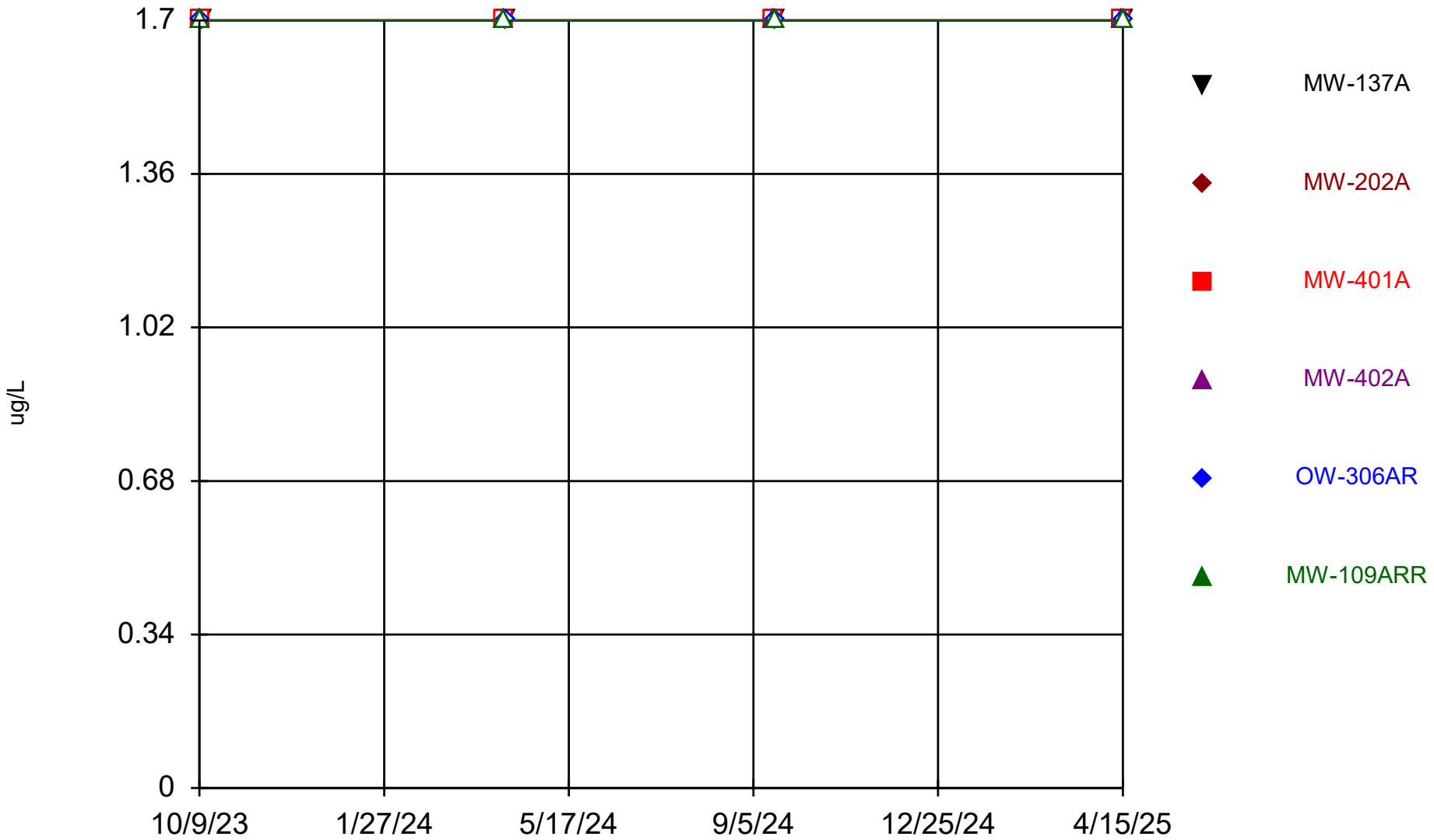
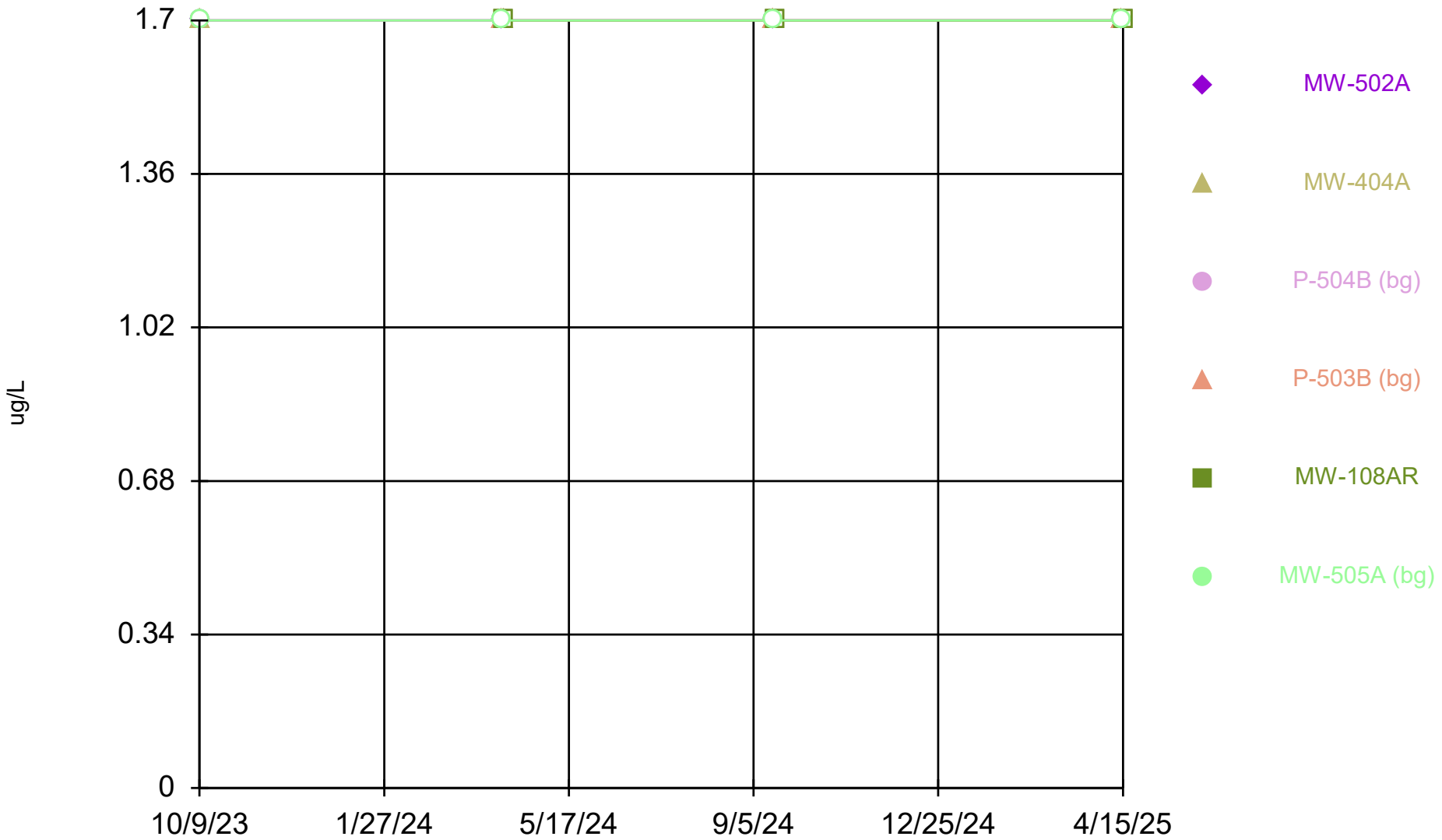


Constituent: Methylene chloride Analysis Run 6/12/2025 2:11 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Methylene chloride Analysis Run 6/12/2025 2:11 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

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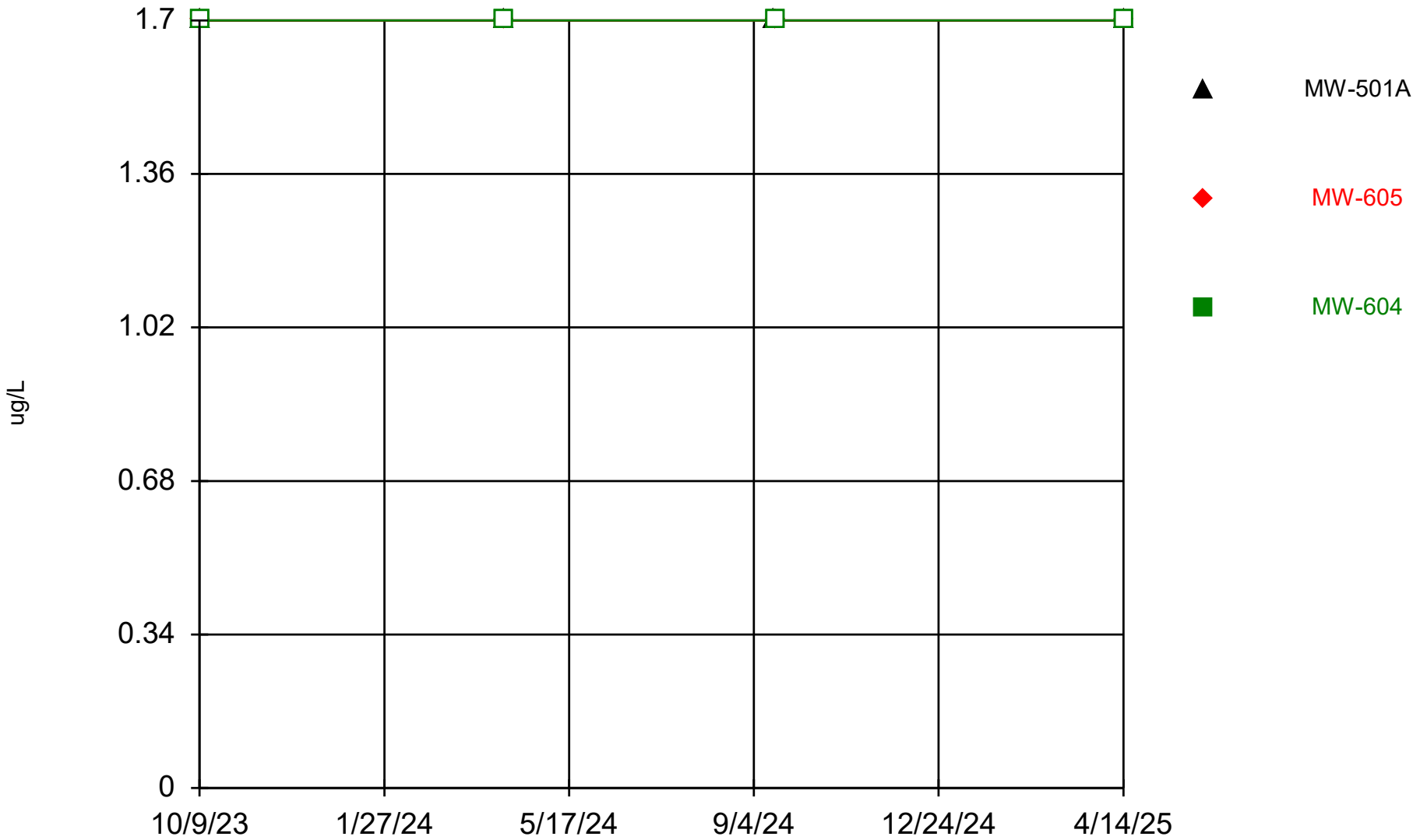
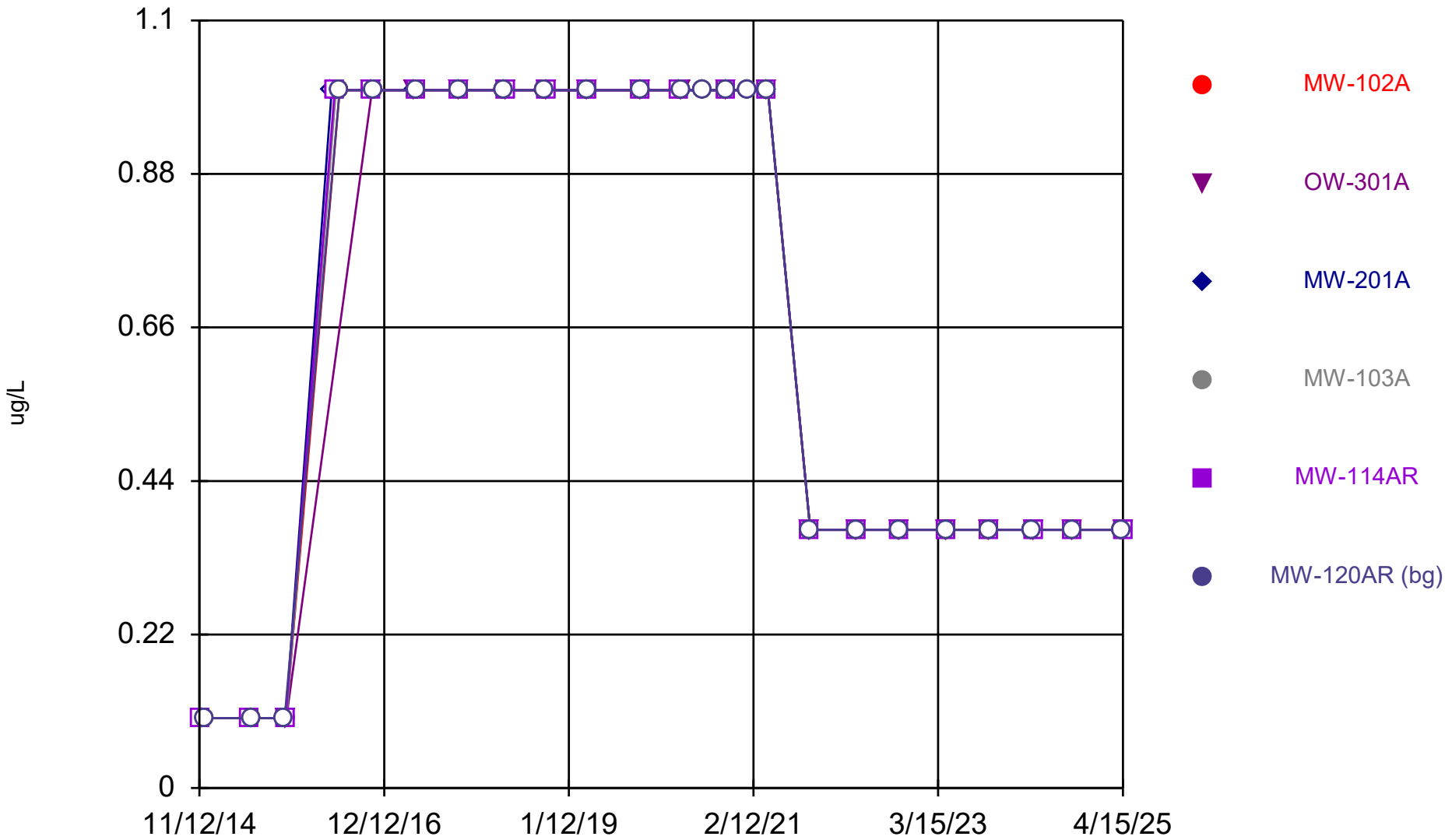


Constituent: Methylene chloride Analysis Run 6/12/2025 2:11 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

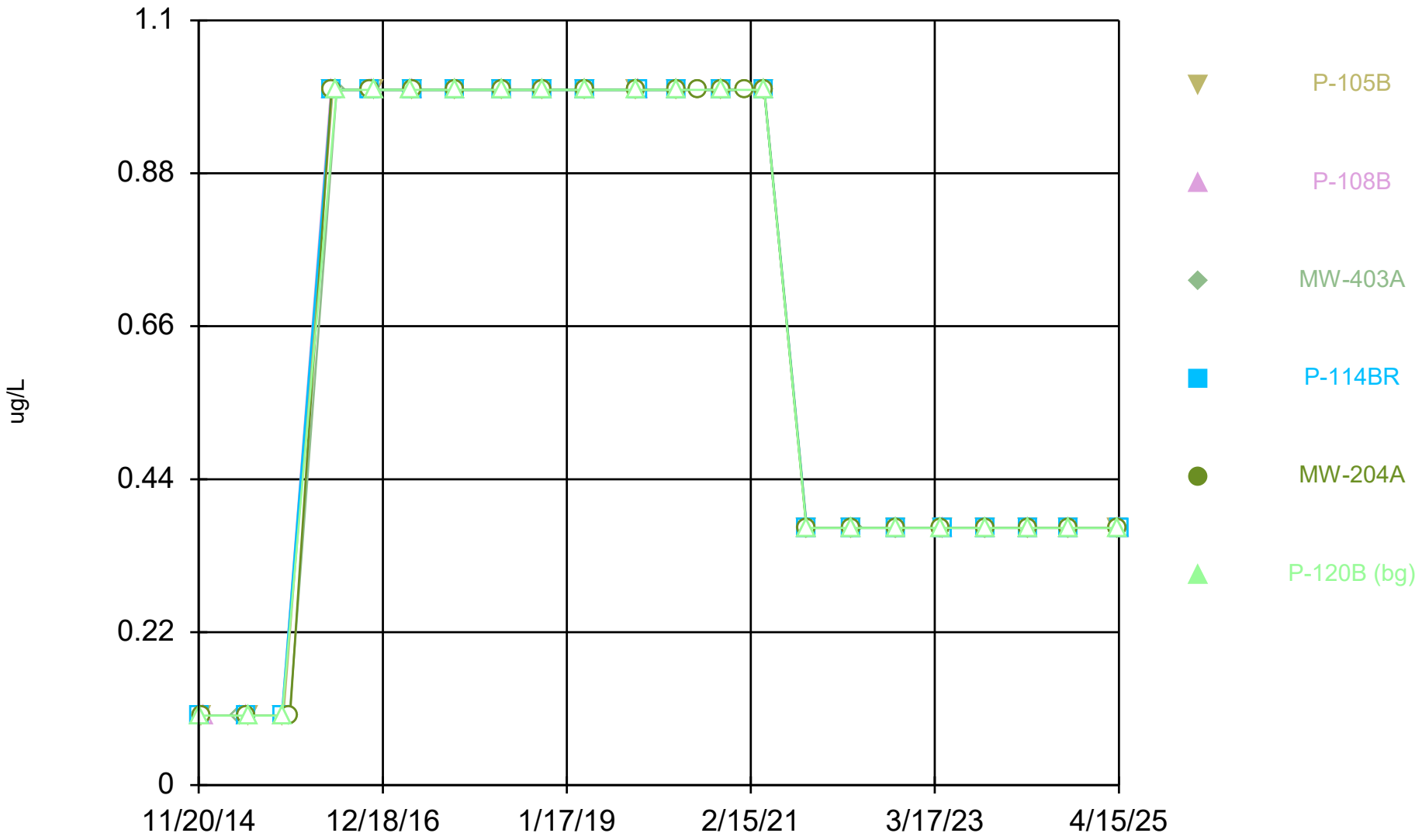


Constituent: Styrene Analysis Run 6/12/2025 2:11 PM View: All Wells - Appendix I VOCs

DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

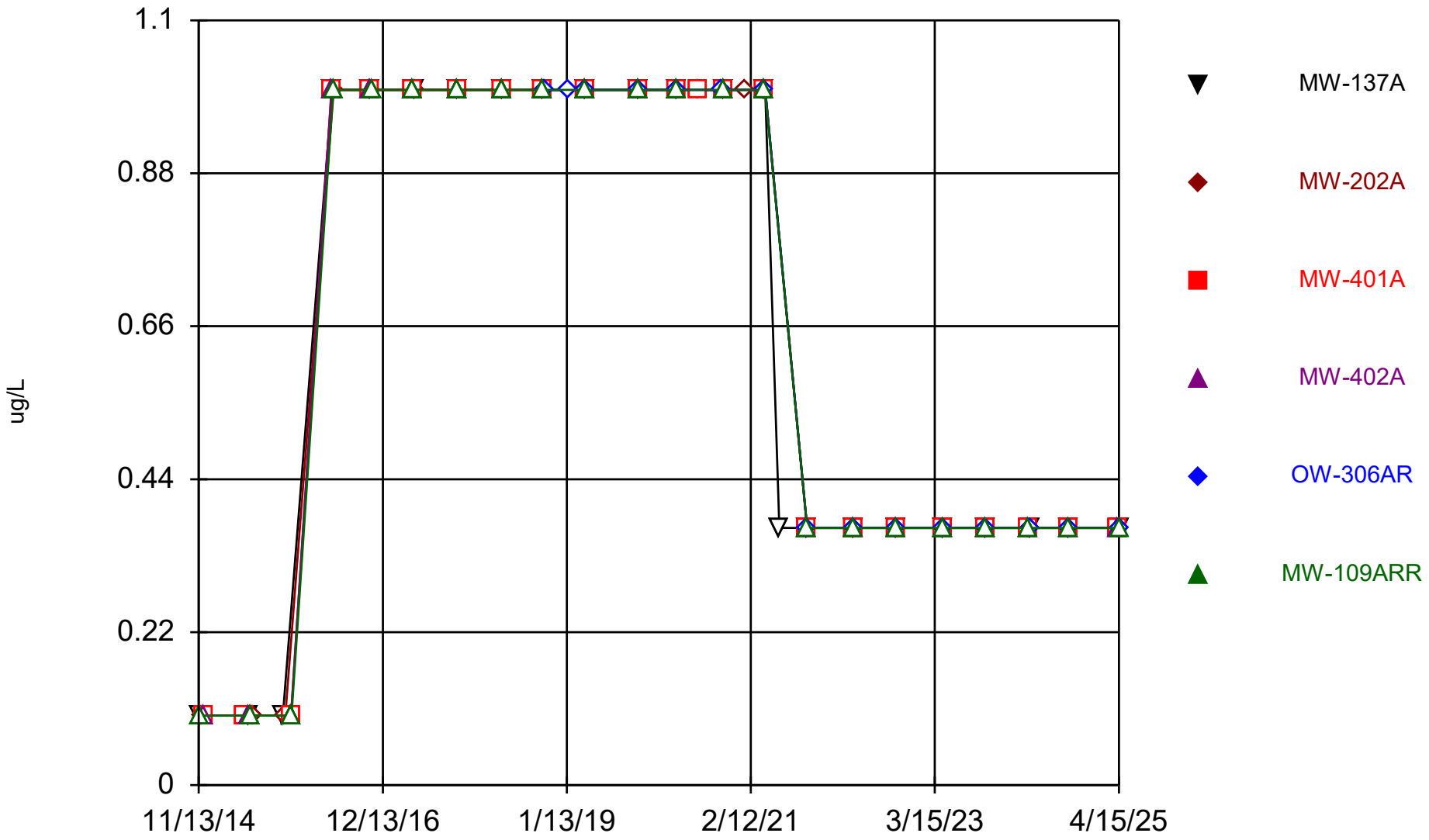
Time Series



Constituent: Styrene Analysis Run 6/12/2025 2:11 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Styrene Analysis Run 6/12/2025 2:11 PM View: All Wells - Appendix I VOCs

DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
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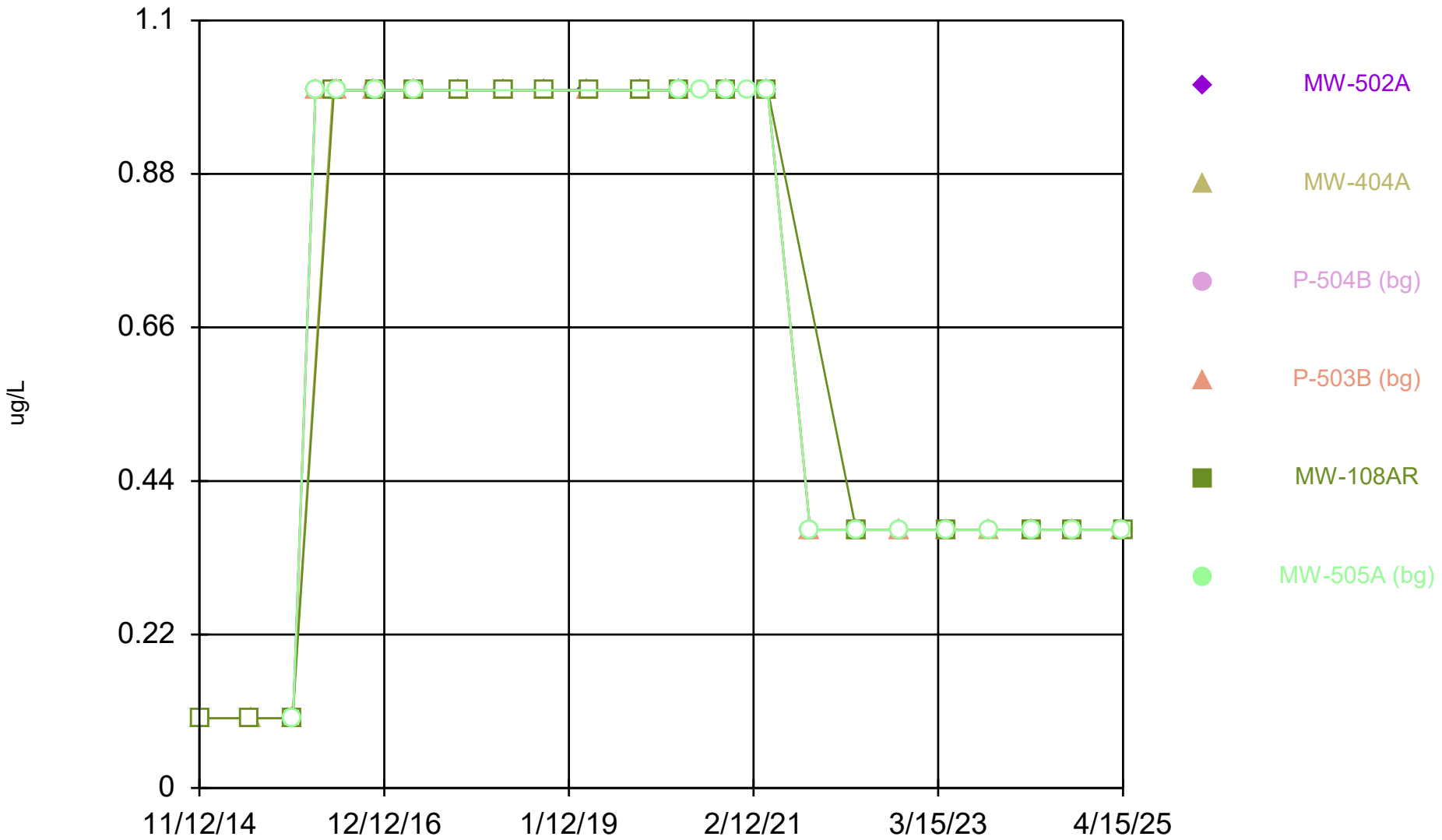
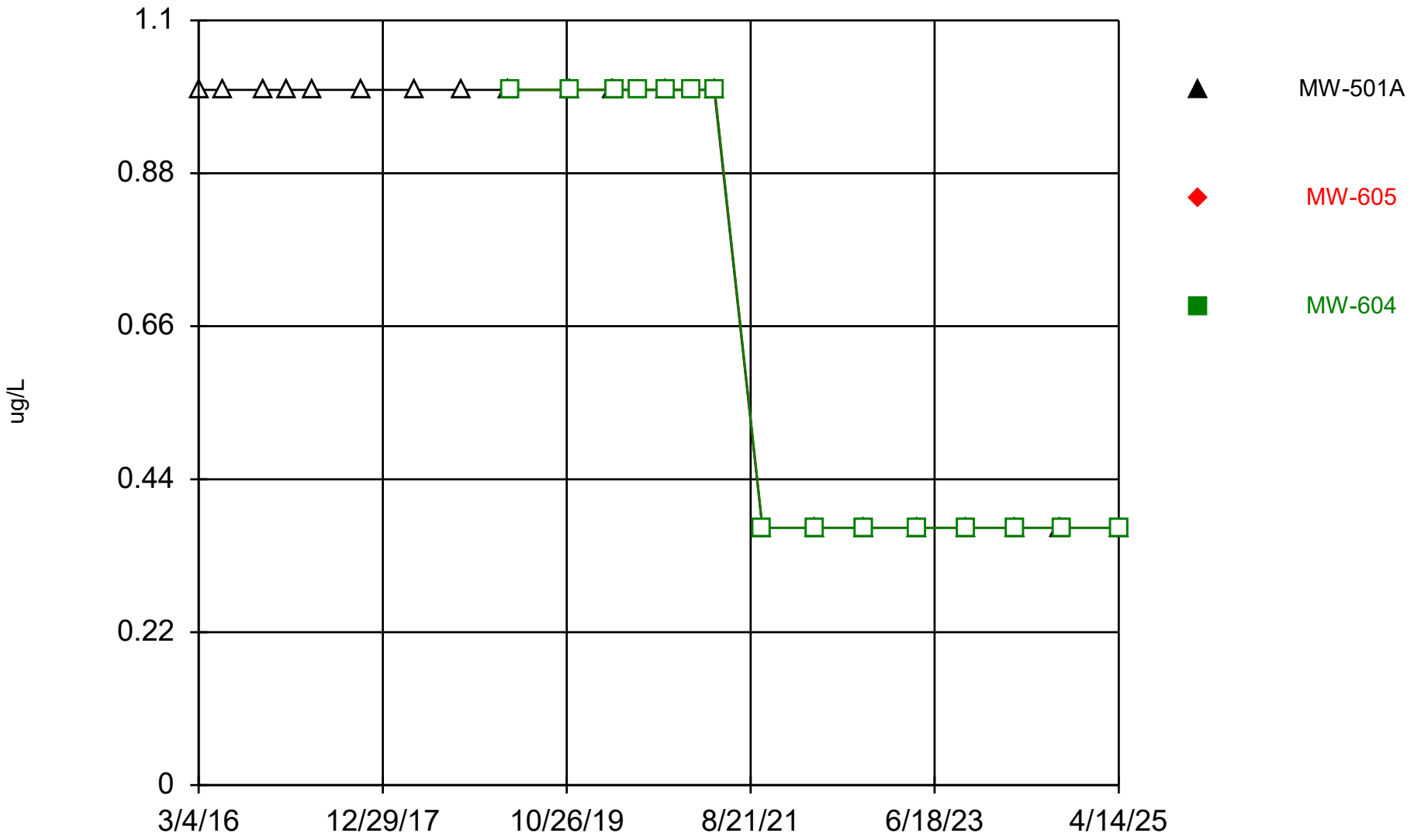


Constituent: Styrene Analysis Run 6/12/2025 2:11 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Styrene Analysis Run 6/12/2025 2:11 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
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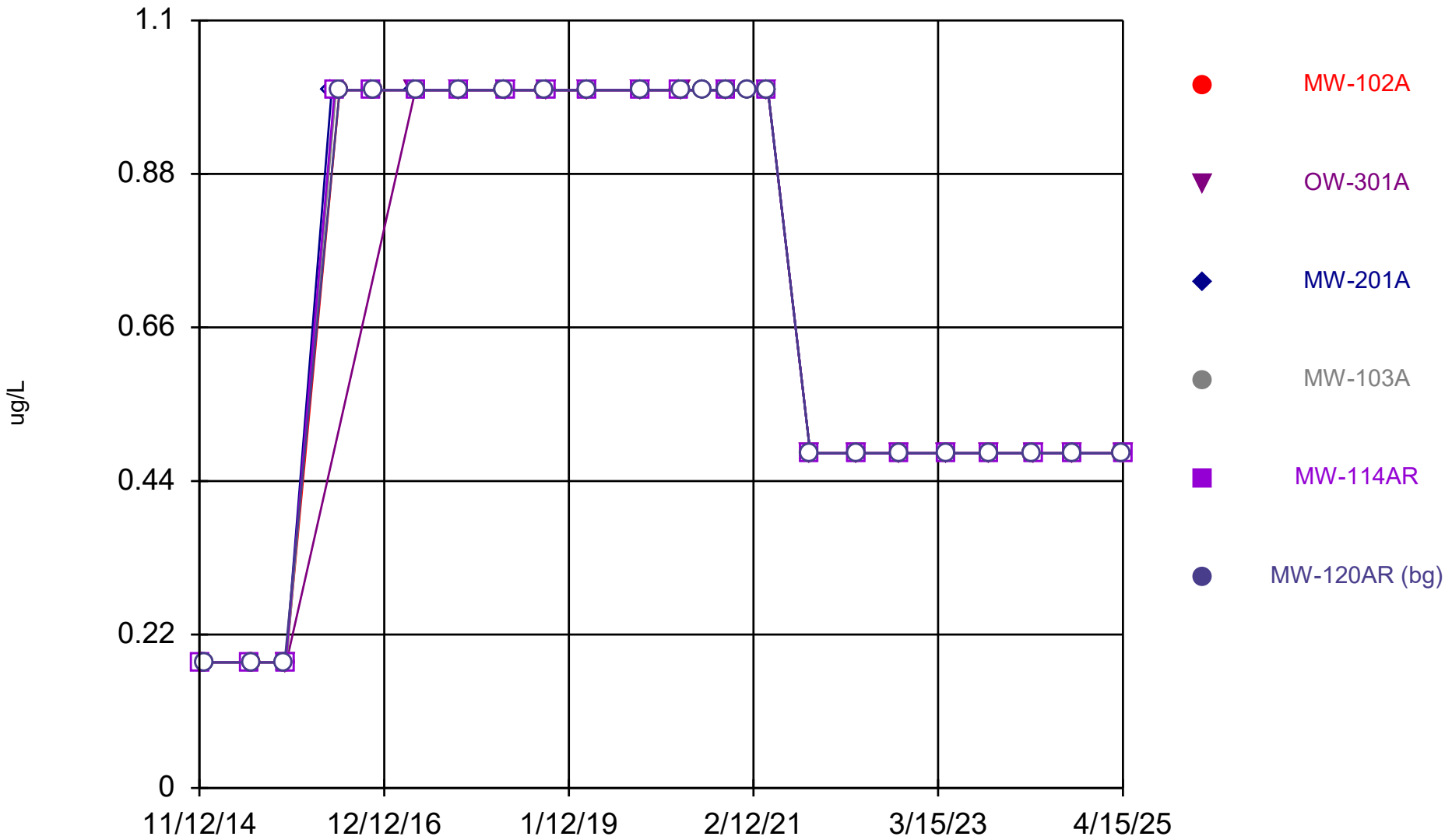
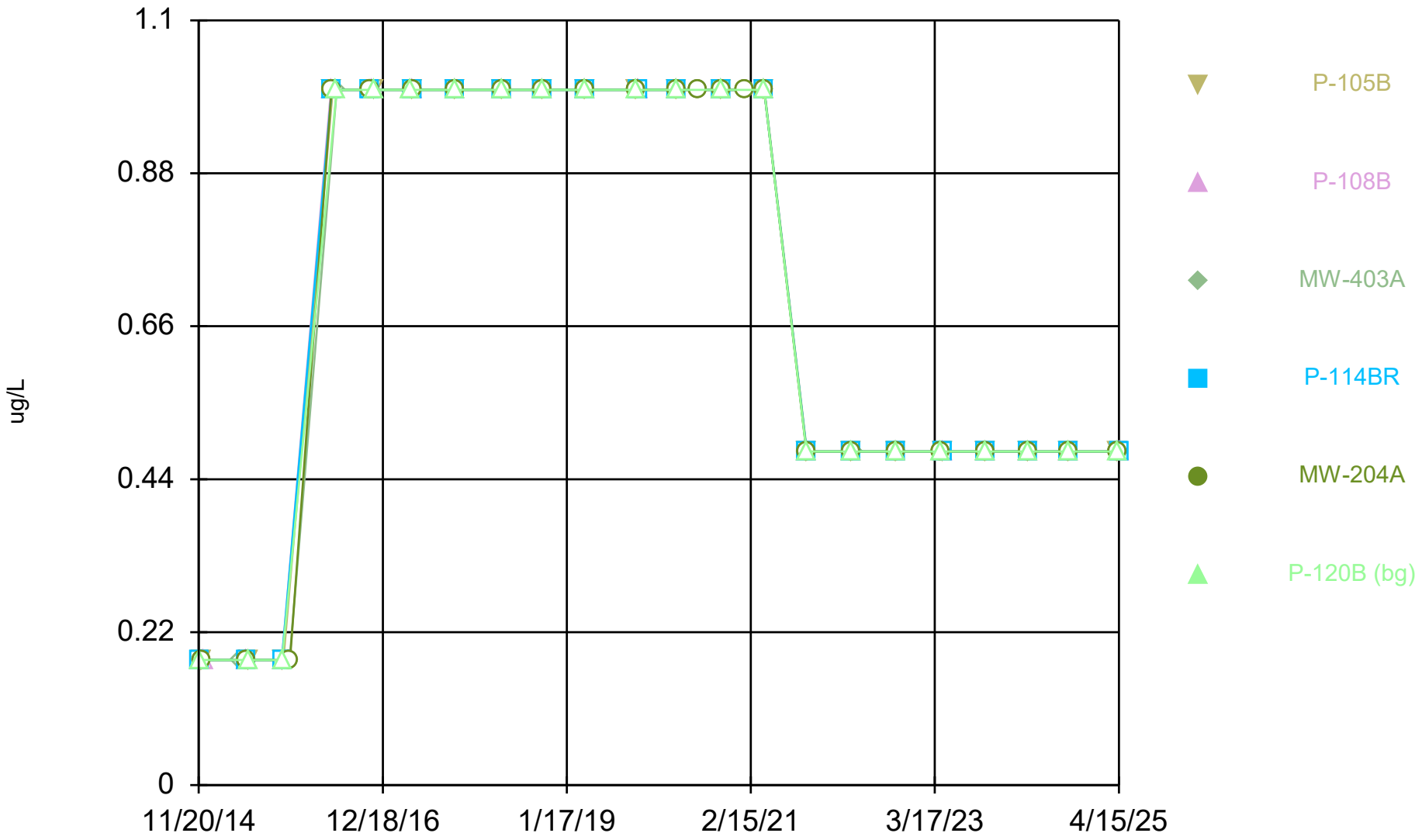
Time Series



Constituent: Tetrachloroethene Analysis Run 6/12/2025 2:11 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

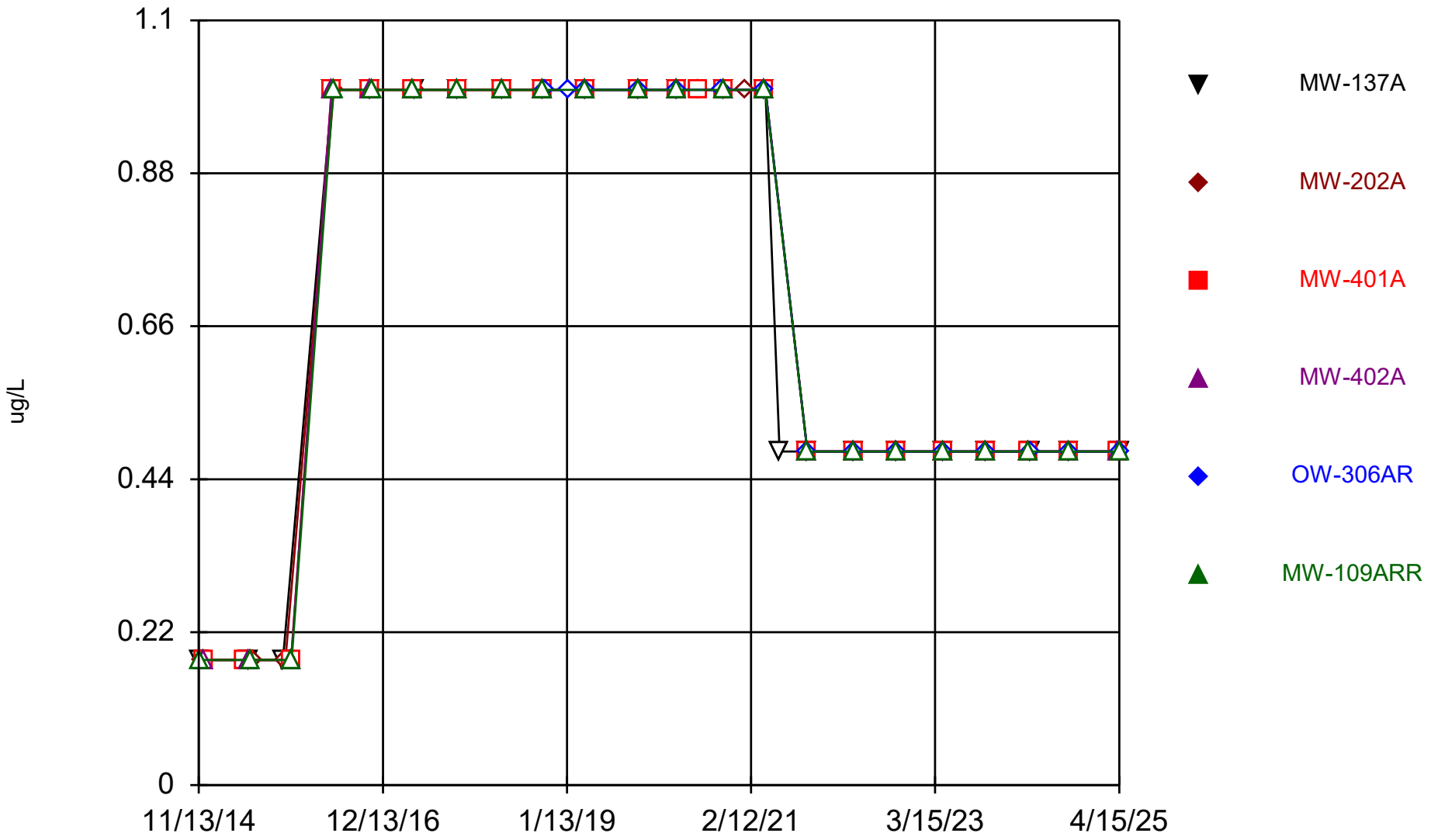
Time Series



Constituent: Tetrachloroethene Analysis Run 6/12/2025 2:11 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

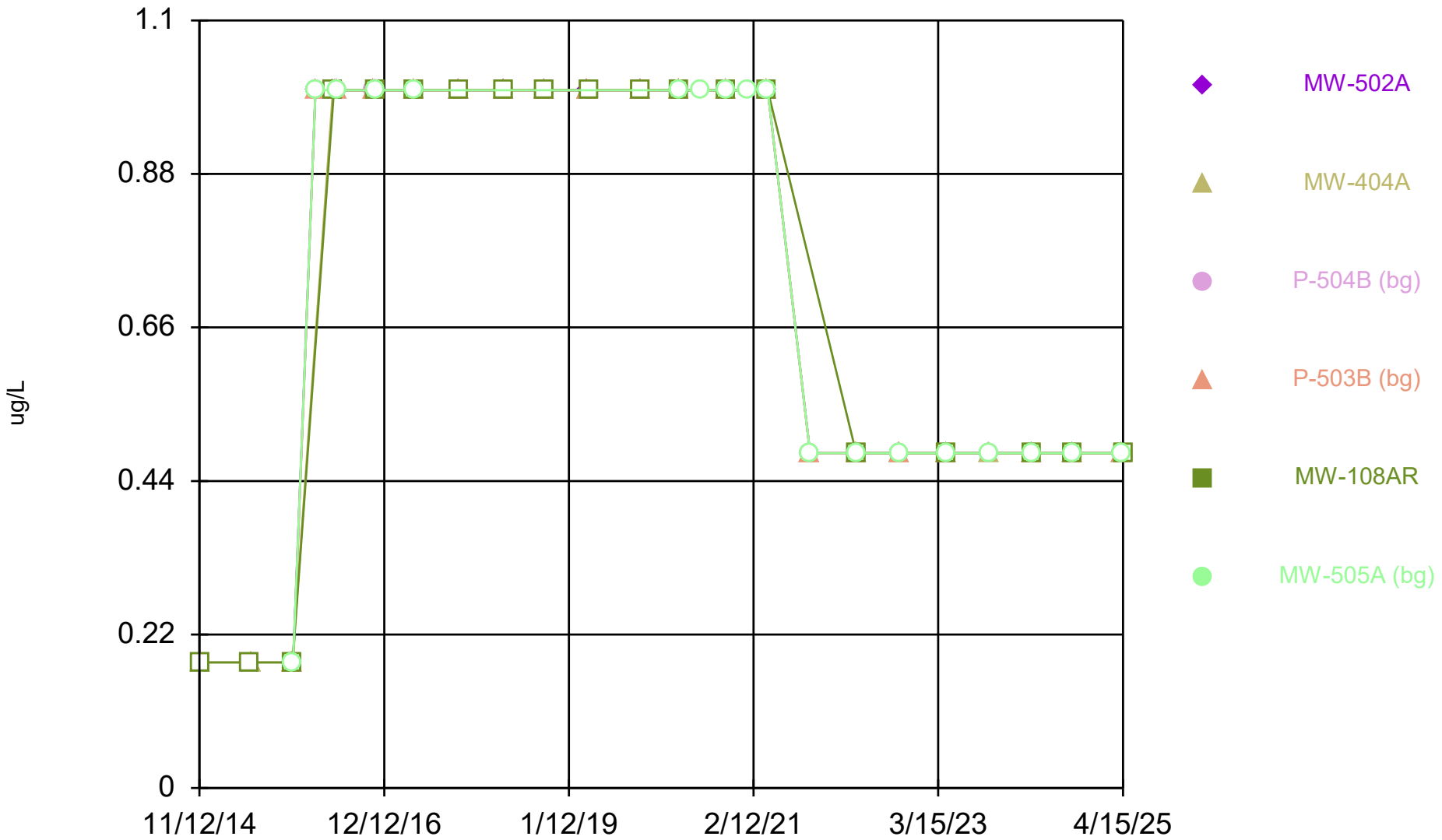
Time Series



Constituent: Tetrachloroethene Analysis Run 6/12/2025 2:11 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

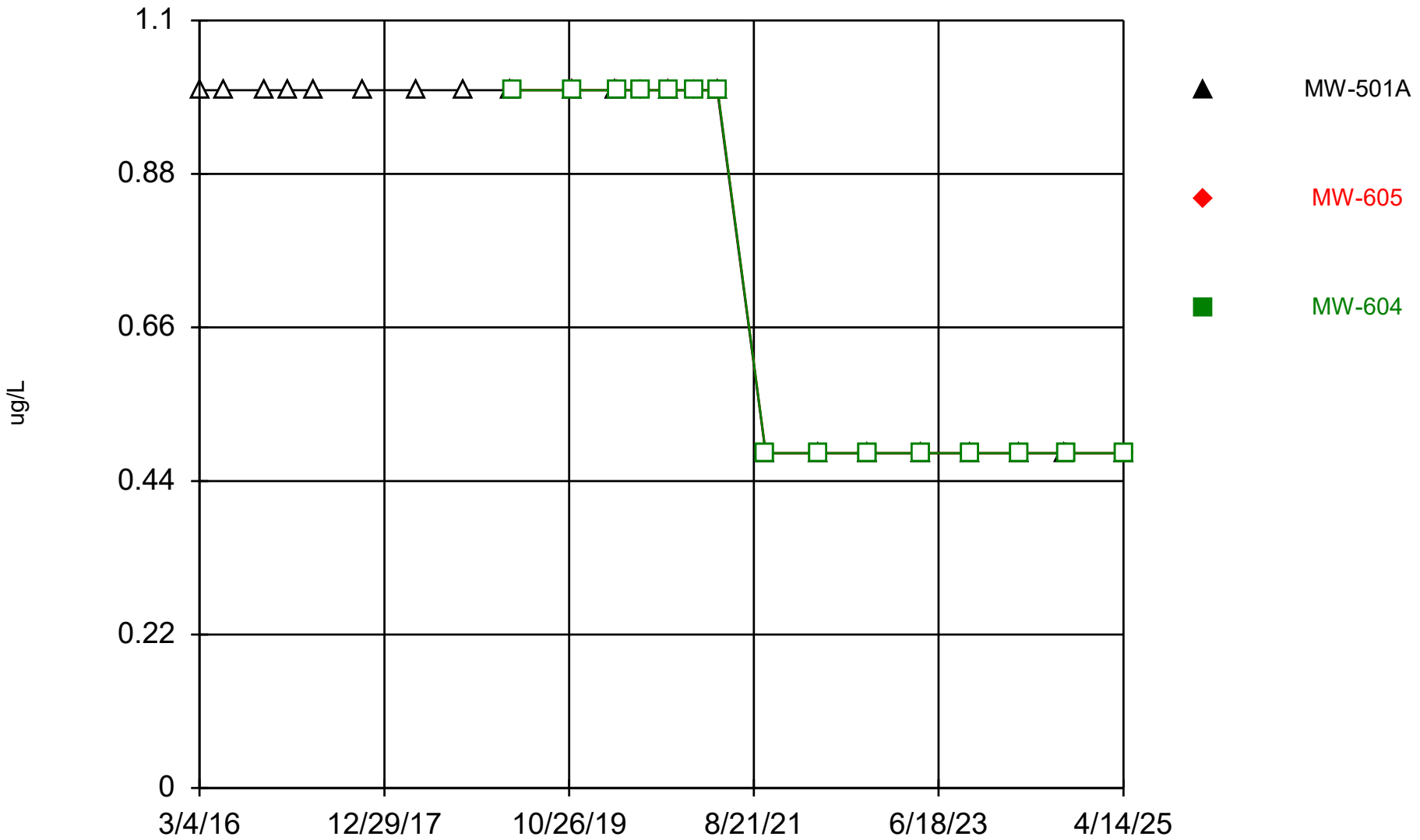
Time Series



Constituent: Tetrachloroethene Analysis Run 6/12/2025 2:11 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

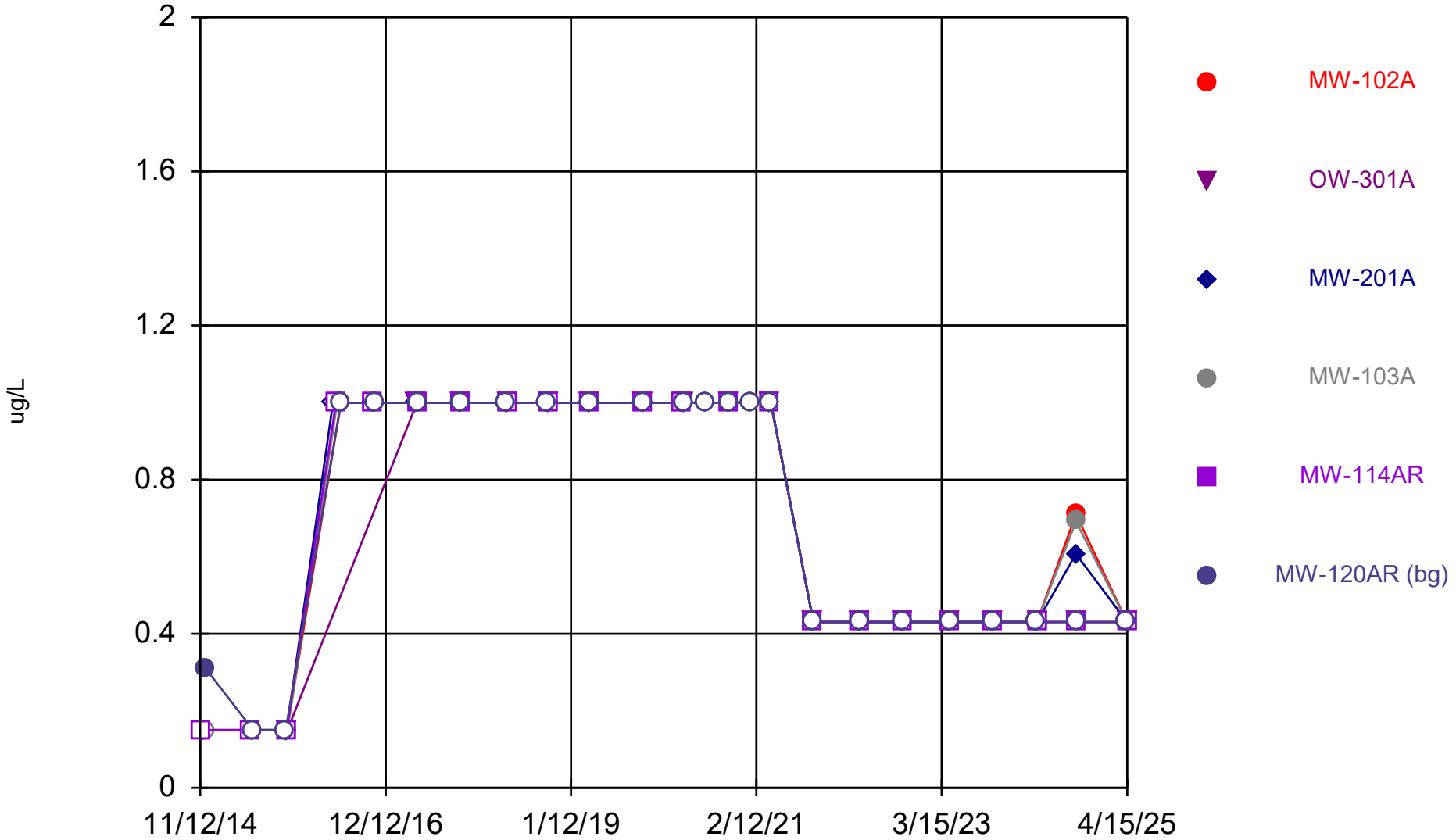
Time Series



Constituent: Tetrachloroethene Analysis Run 6/12/2025 2:11 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

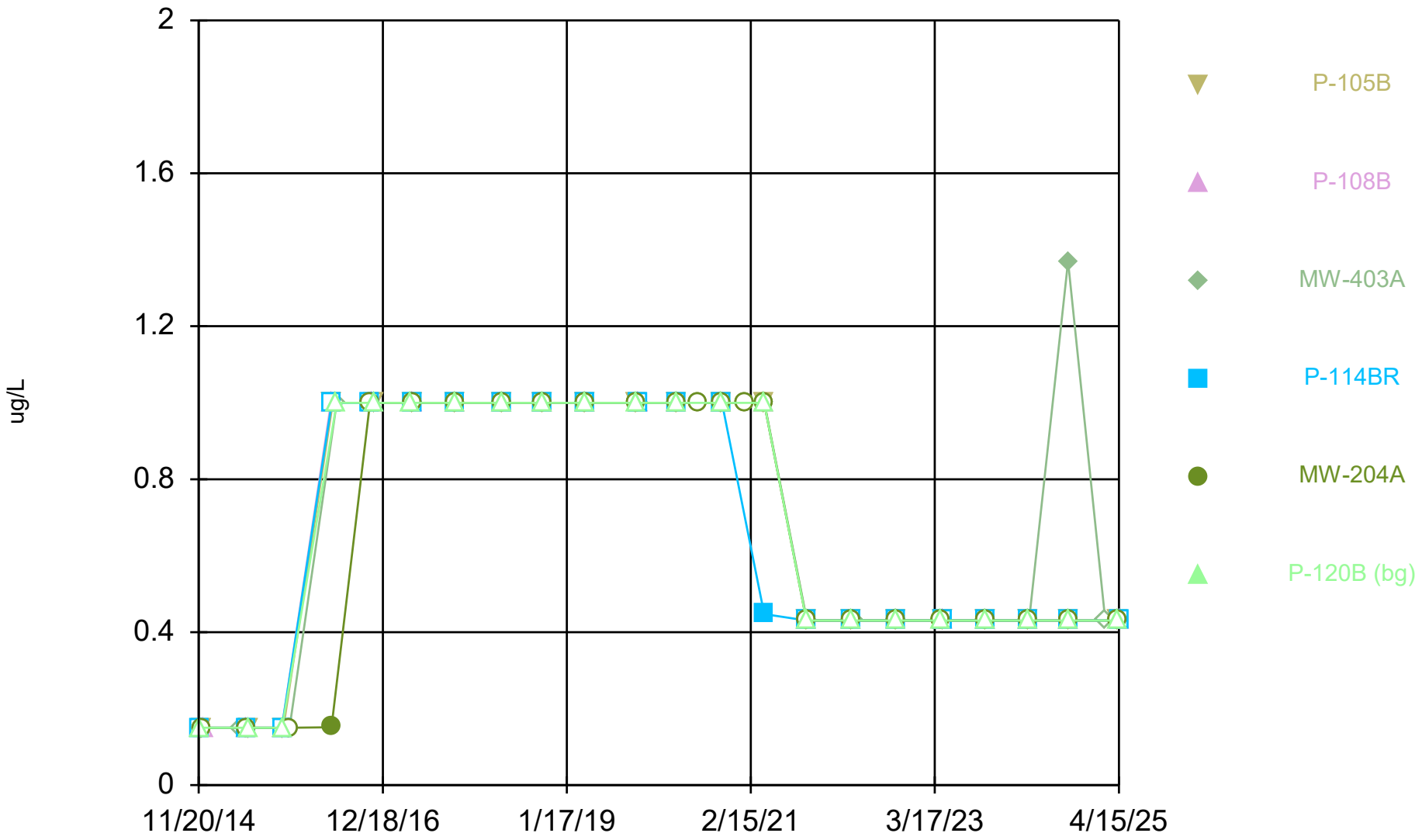


Constituent: Toluene Analysis Run 6/12/2025 2:11 PM View: All Wells - Appendix I VOCs

DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

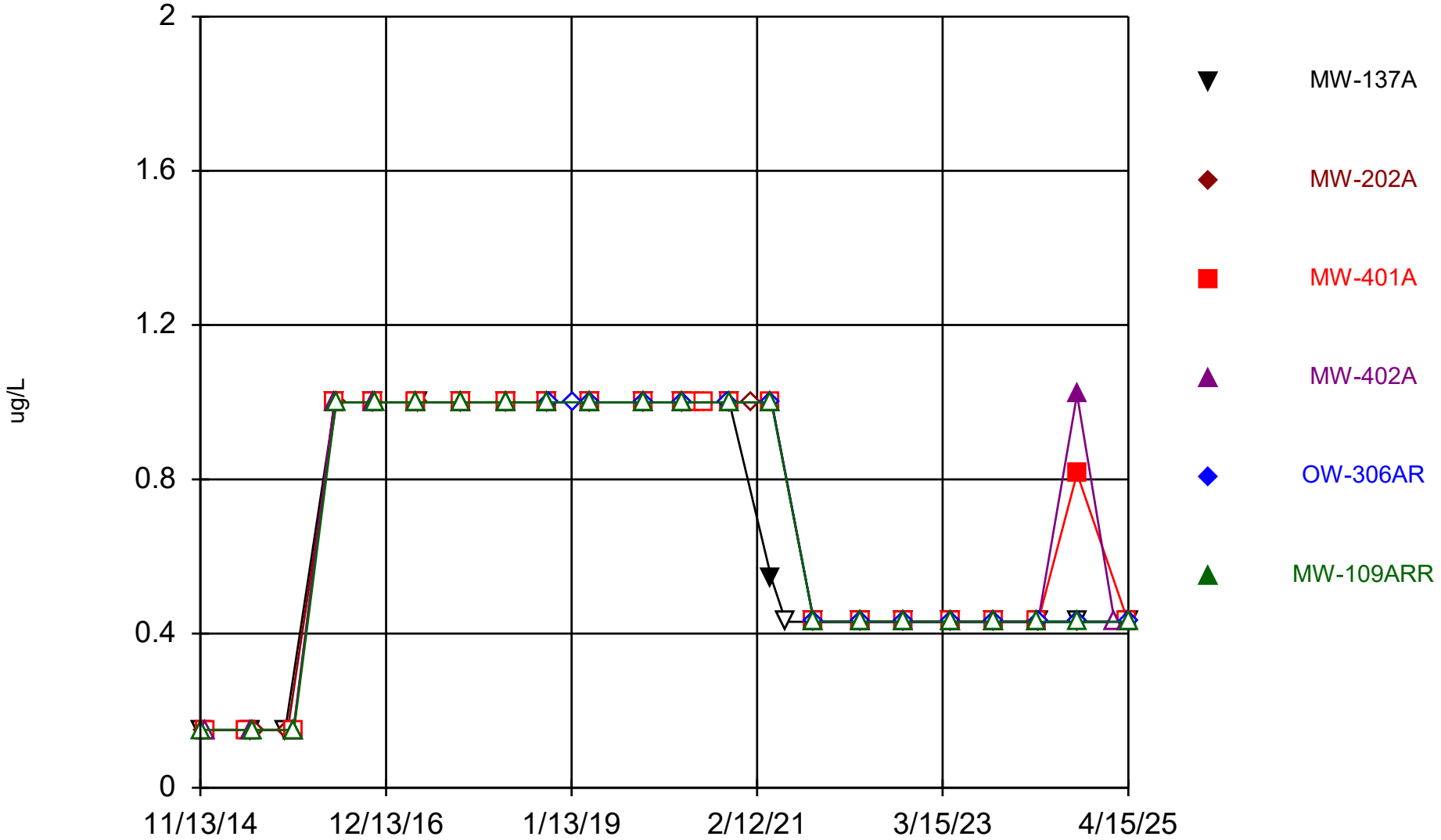
Time Series



Constituent: Toluene Analysis Run 6/12/2025 2:11 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Toluene Analysis Run 6/12/2025 2:11 PM View: All Wells - Appendix I VOCs

DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
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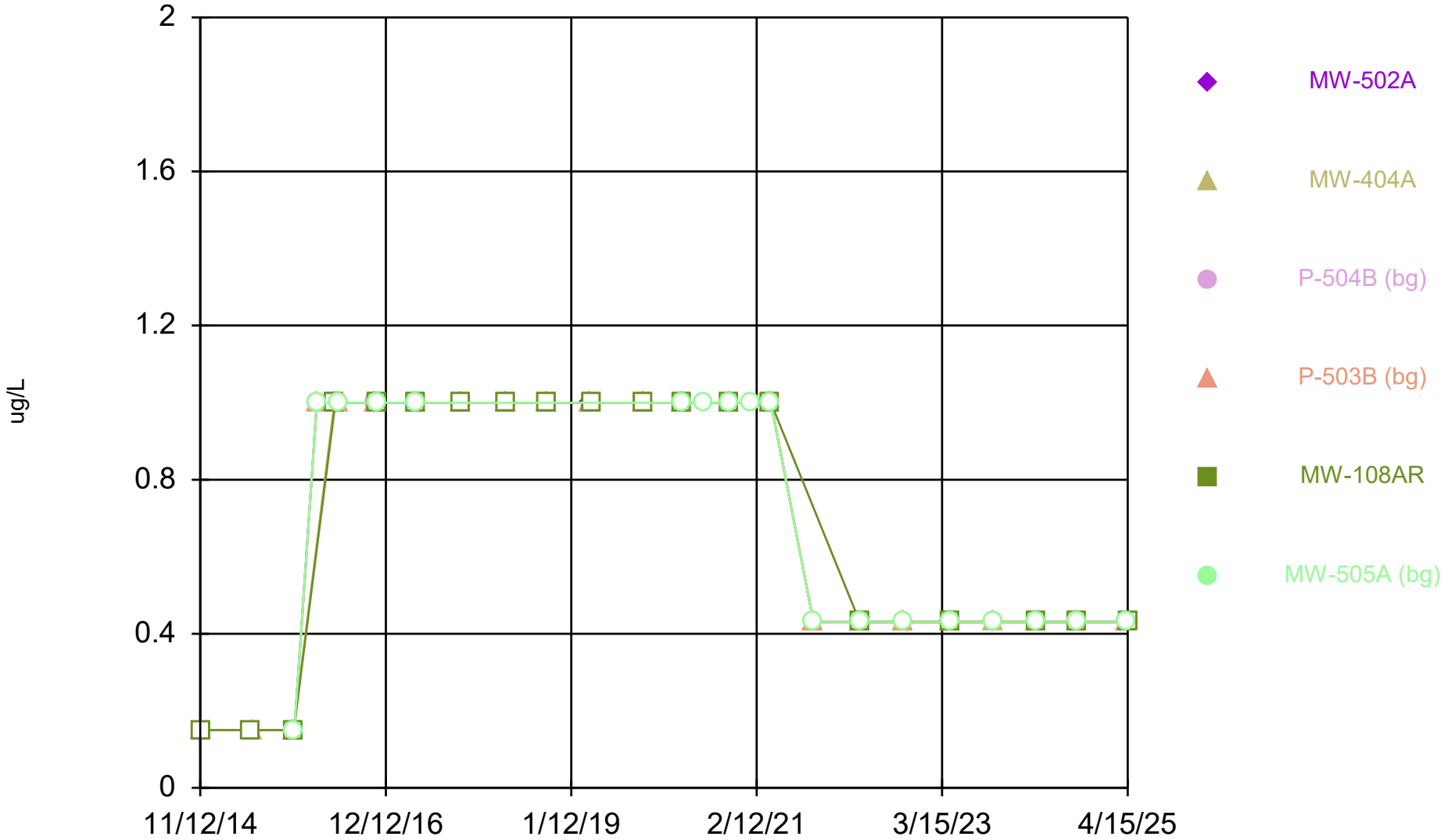
Time Series



Constituent: Toluene Analysis Run 6/12/2025 2:11 PM View: All Wells - Appendix I VOCs

DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
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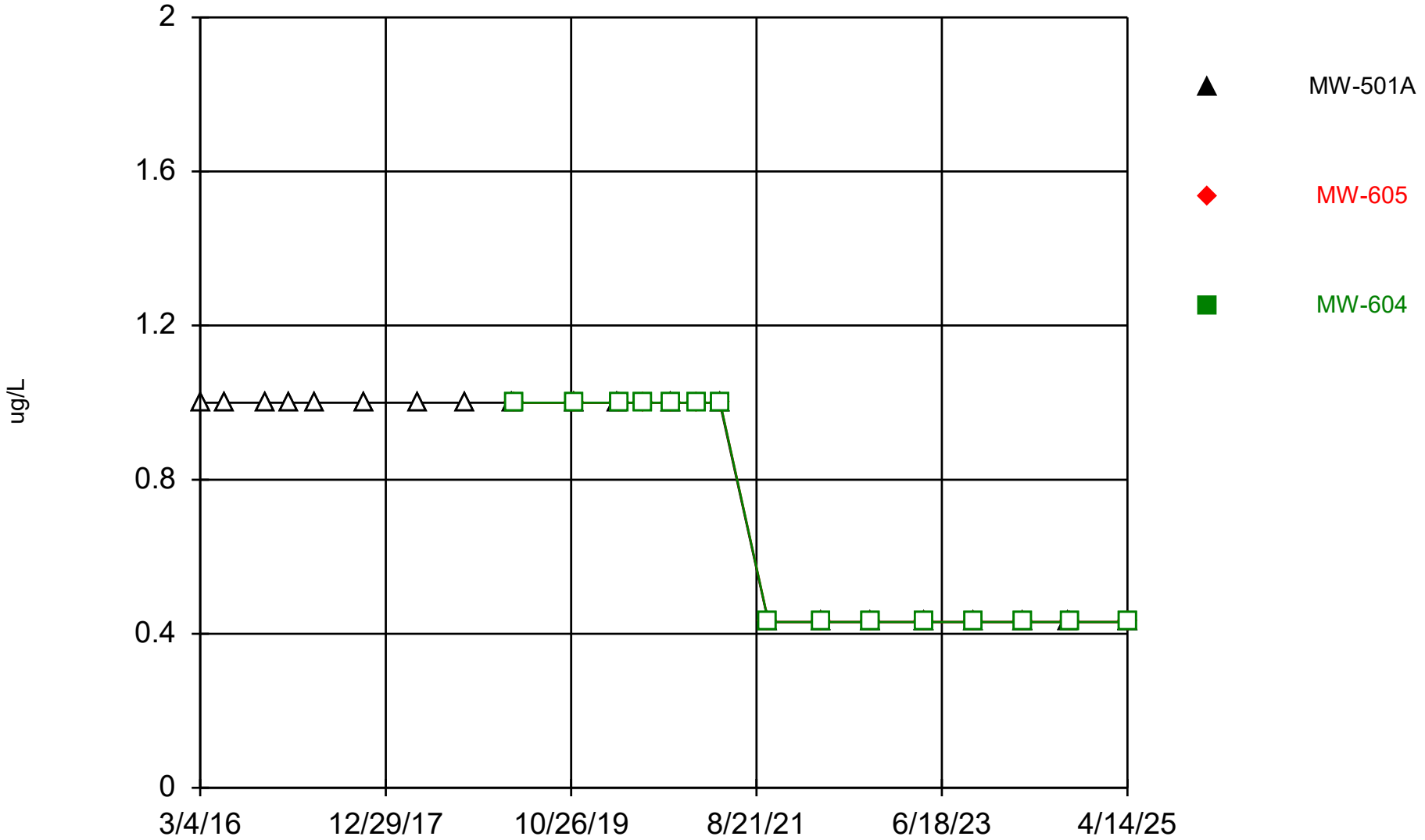
Time Series



Constituent: Toluene Analysis Run 6/12/2025 2:11 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
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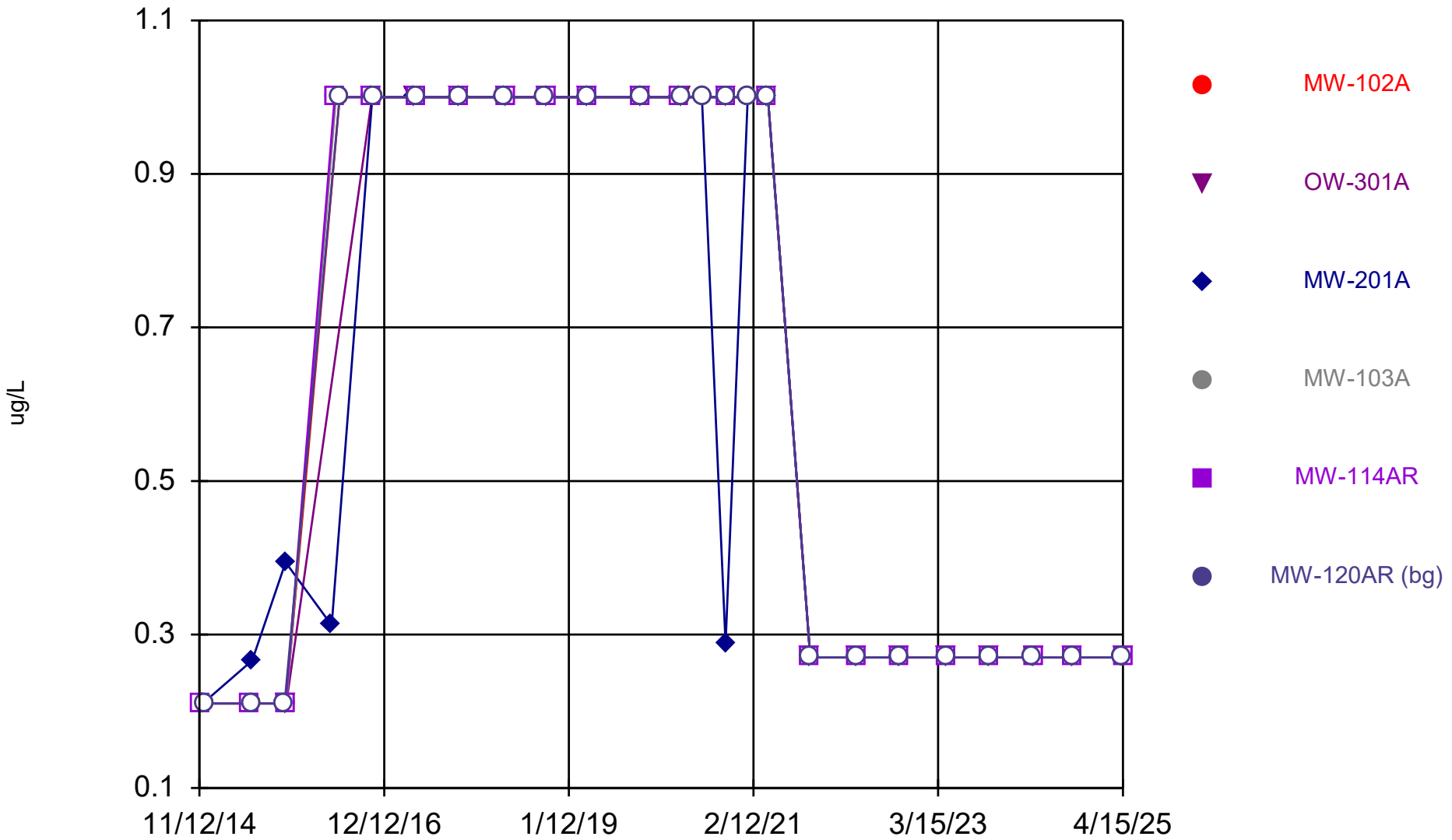
Time Series

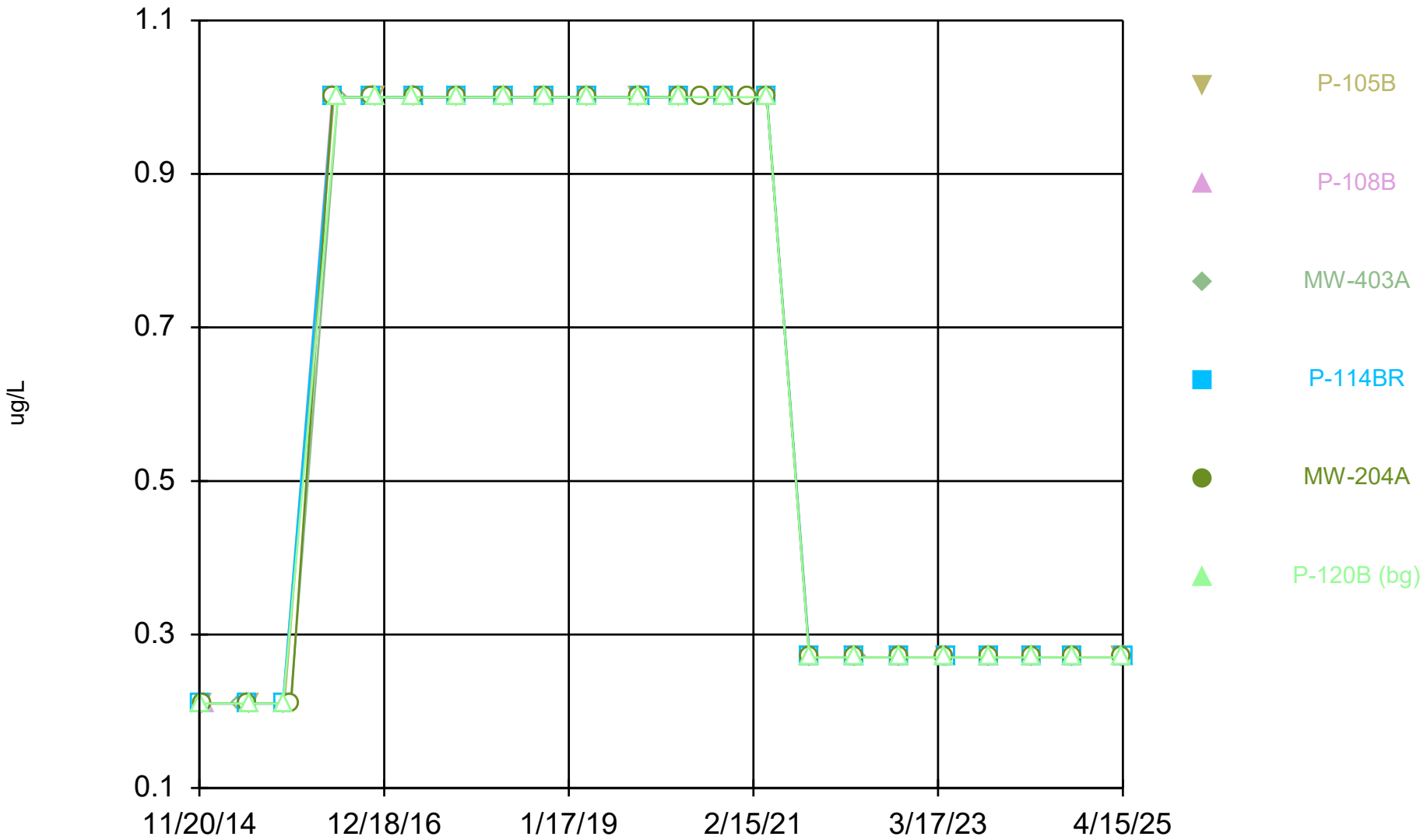


Constituent: trans-1,2-Dichloroethene Analysis Run 6/12/2025 2:12 PM View: All Wells - Appendix I VOCs

DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

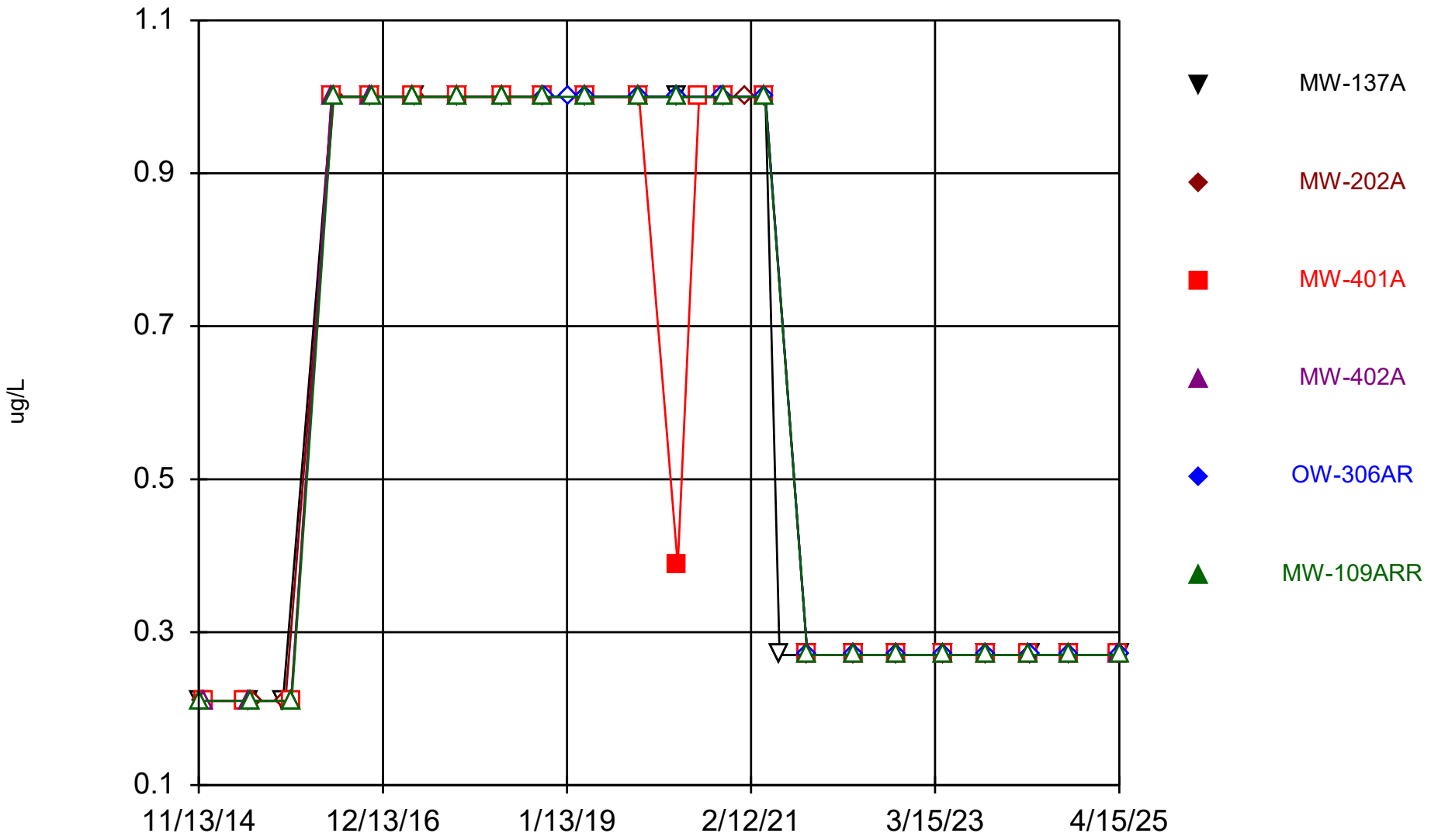
Time Series



Constituent: trans-1,2-Dichloroethene Analysis Run 6/12/2025 2:12 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series



Constituent: trans-1,2-Dichloroethene Analysis Run 6/12/2025 2:12 PM View: All Wells - Appendix I VOCs

DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
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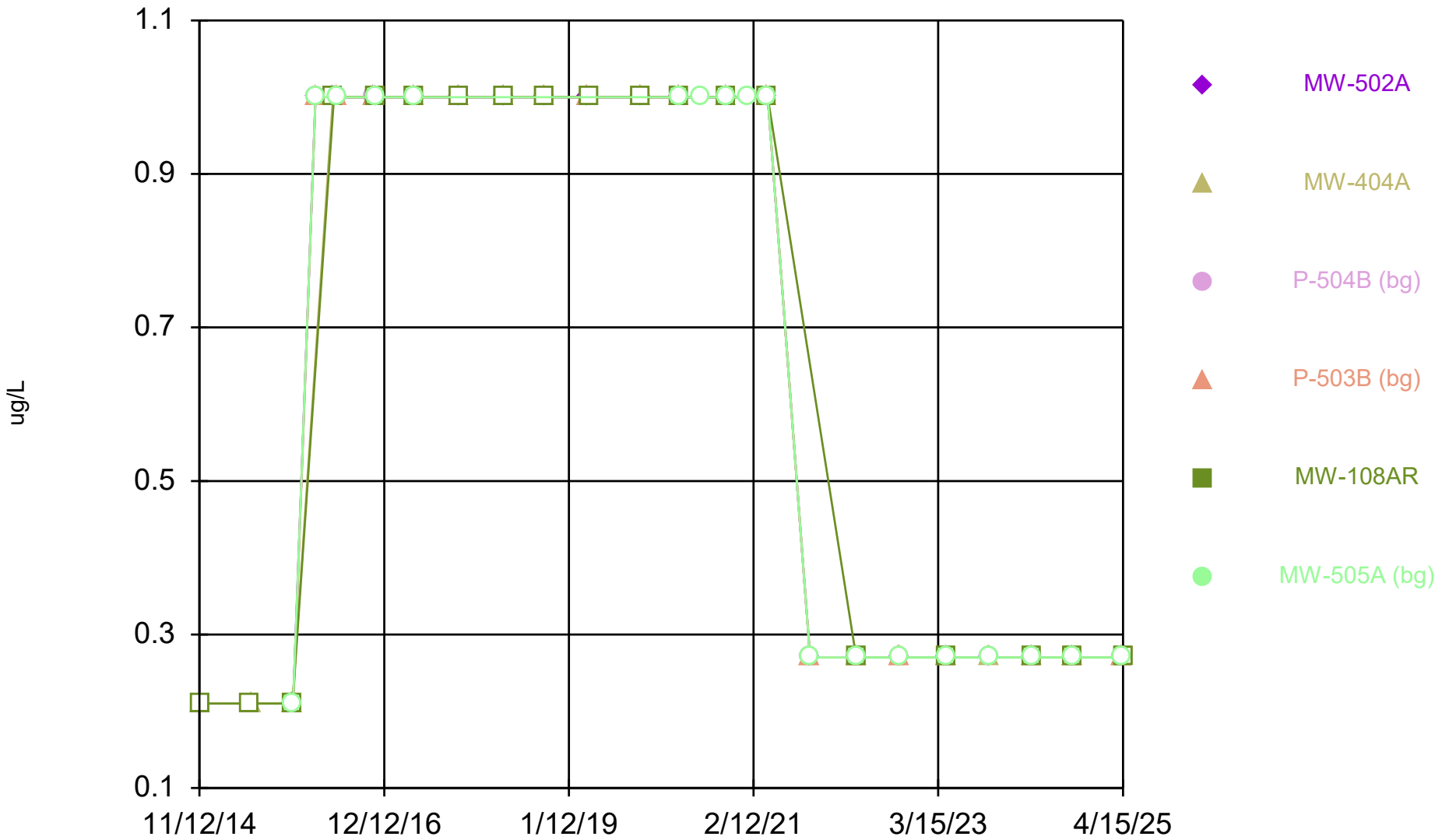
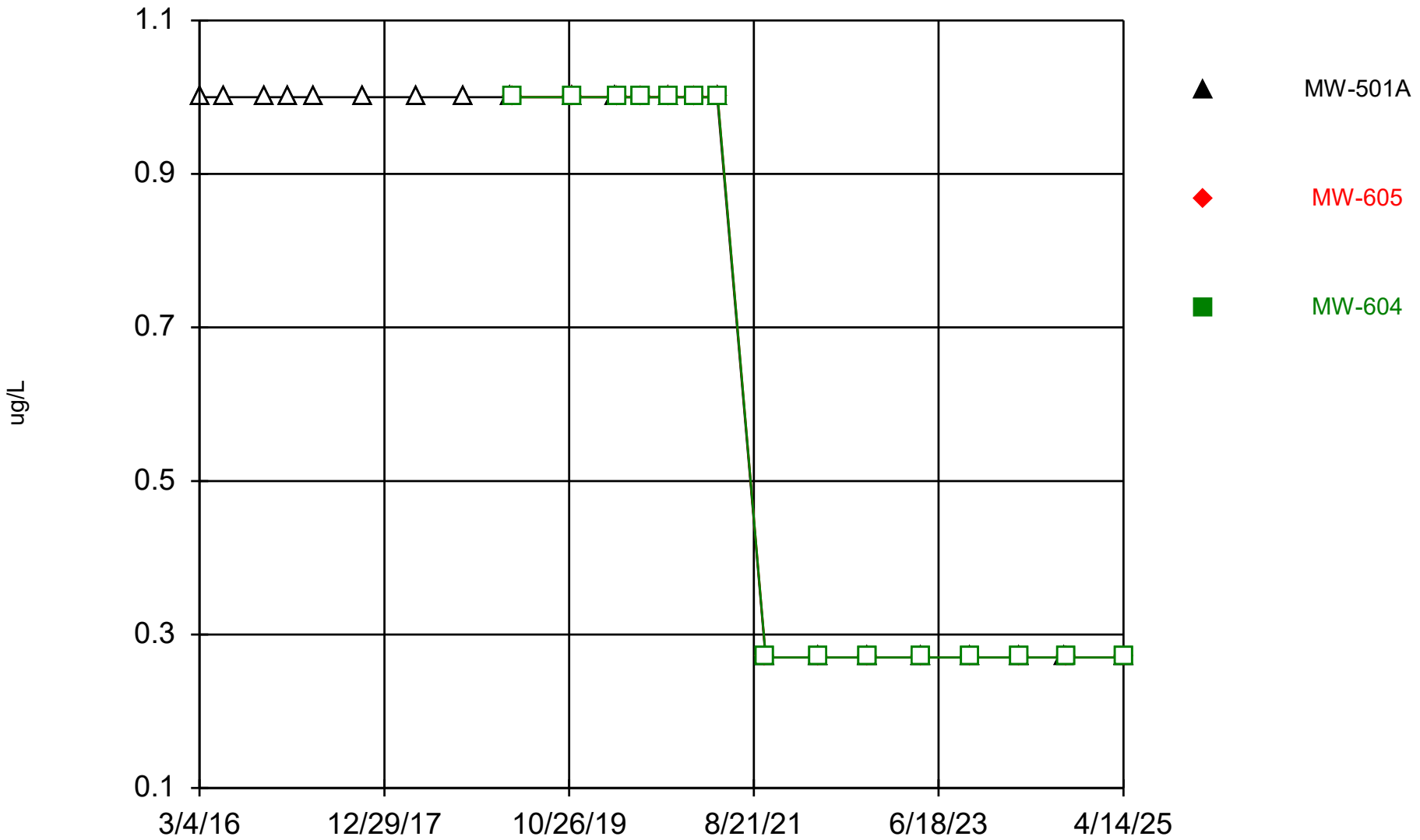


Constituent: trans-1,2-Dichloroethene Analysis Run 6/12/2025 2:12 PM View: All Wells - Appendix I VOCs

DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series



Constituent: trans-1,2-Dichloroethene Analysis Run 6/12/2025 2:12 PM View: All Wells - Appendix I VOCs

DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

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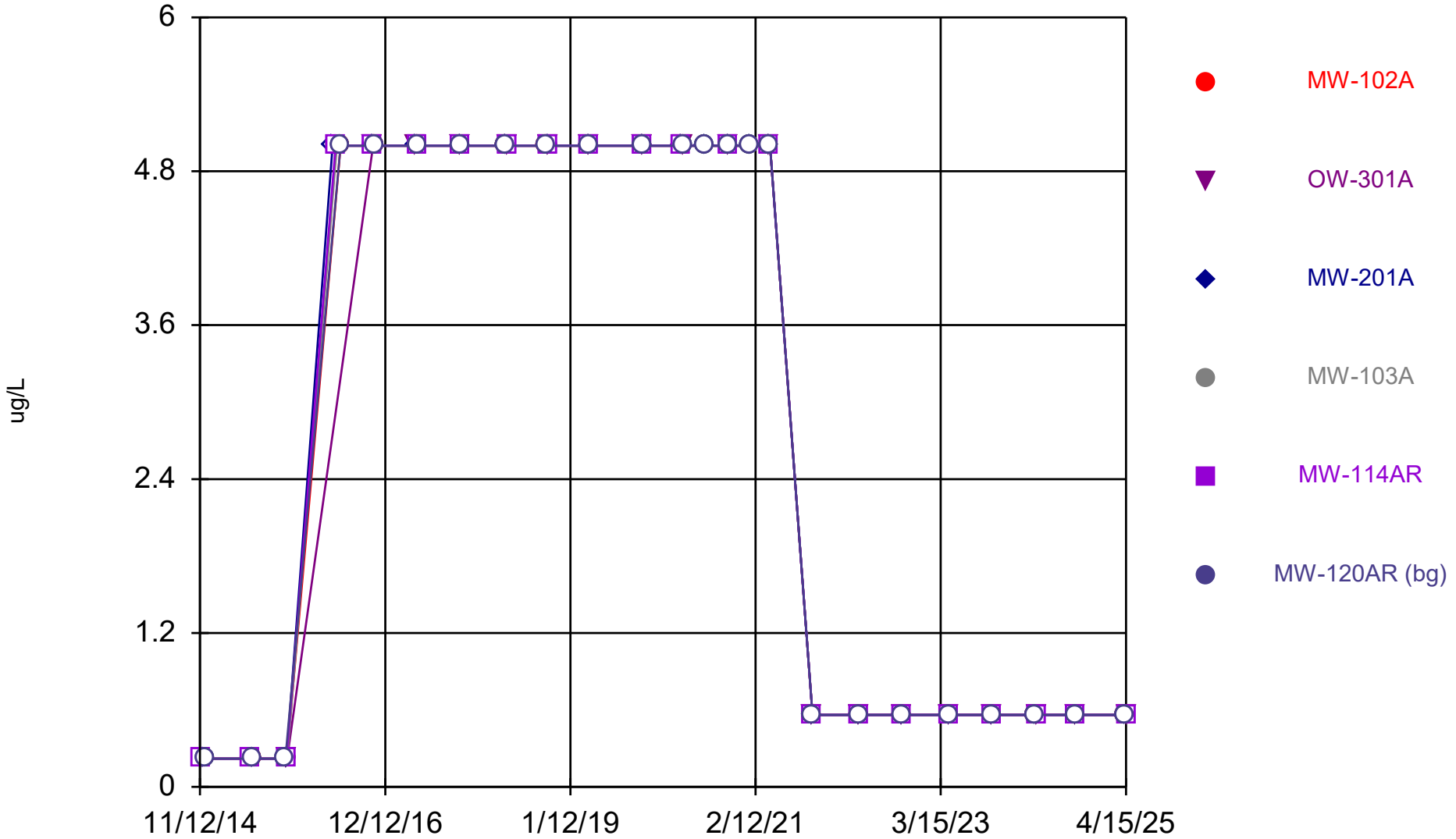
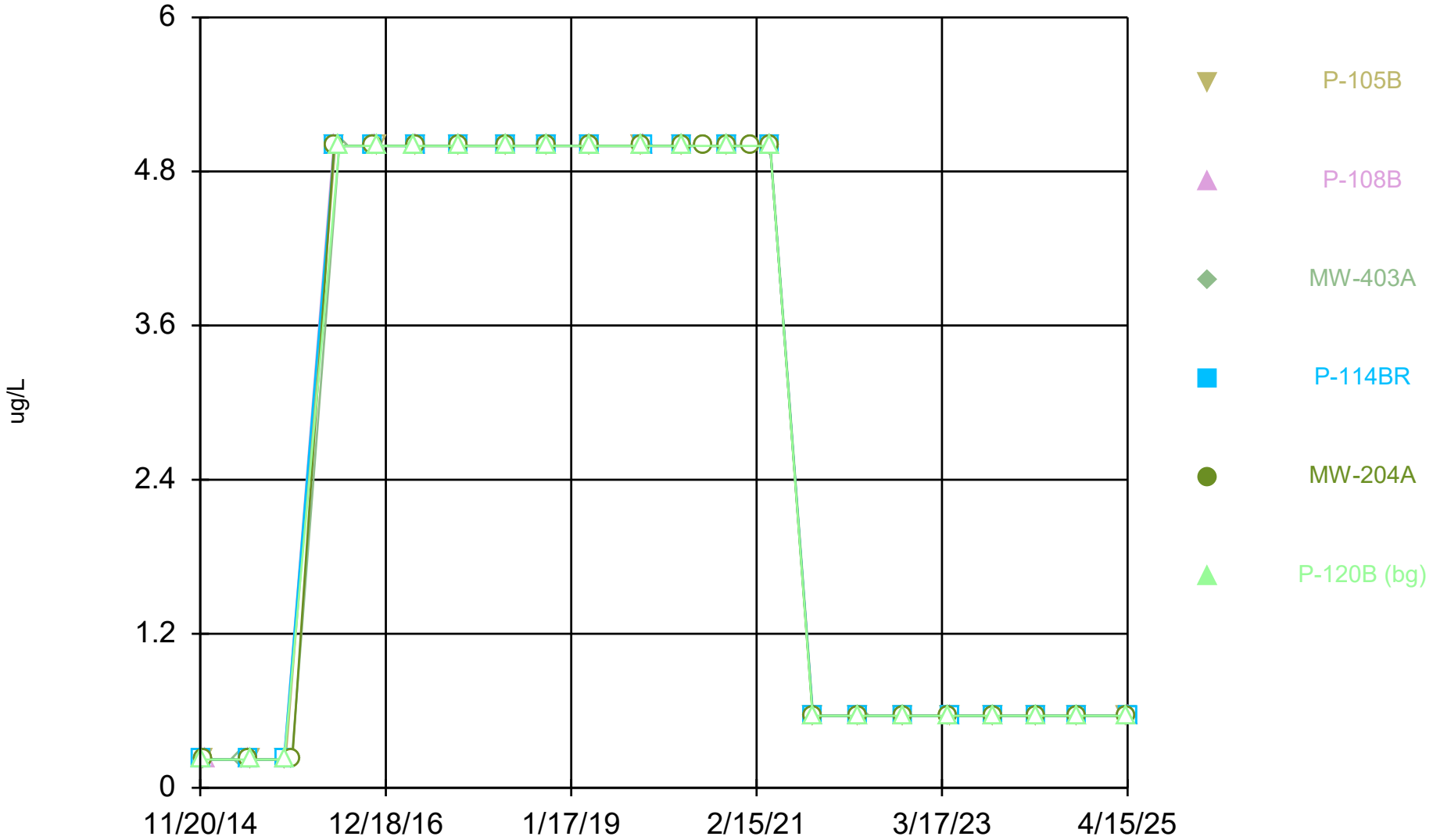


Constituent: trans-1,3-Dichloropropene Analysis Run 6/12/2025 2:12 PM View: All Wells - Appendix I VOC DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

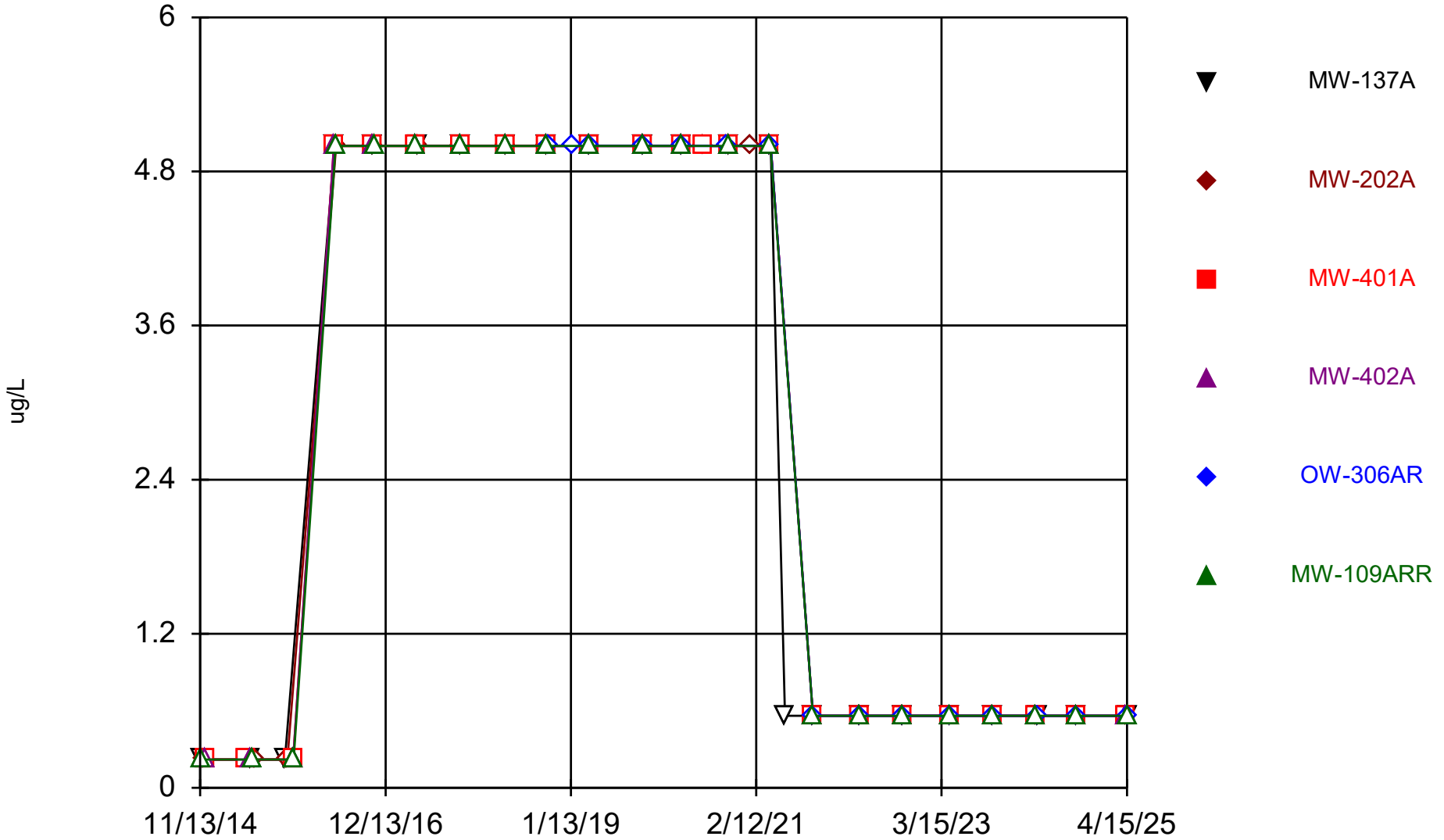
Time Series



Constituent: trans-1,3-Dichloropropene Analysis Run 6/12/2025 2:12 PM View: All Wells - Appendix I VOC DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series



Constituent: trans-1,3-Dichloropropene Analysis Run 6/12/2025 2:12 PM View: All Wells - Appendix I VOC DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

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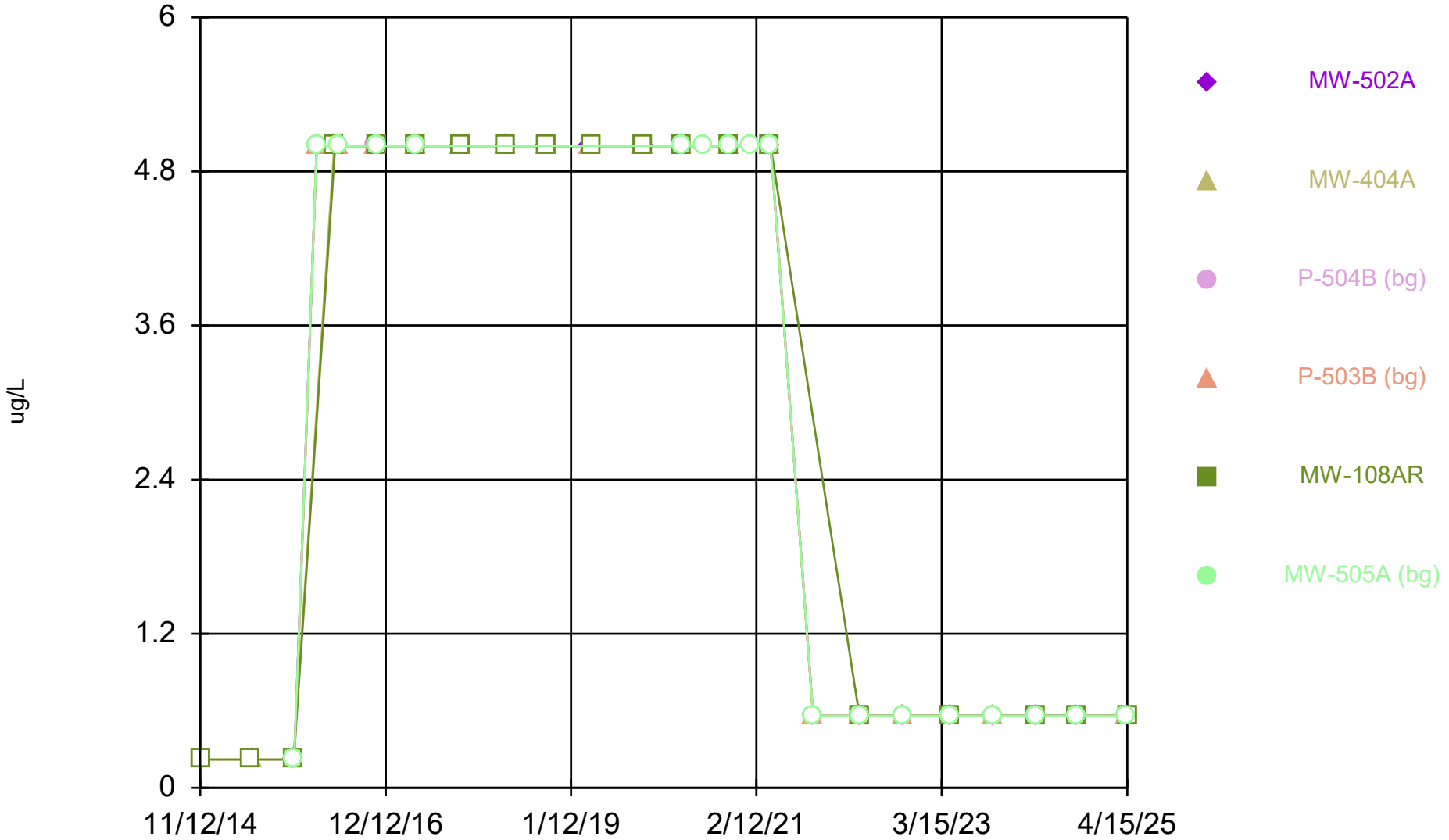
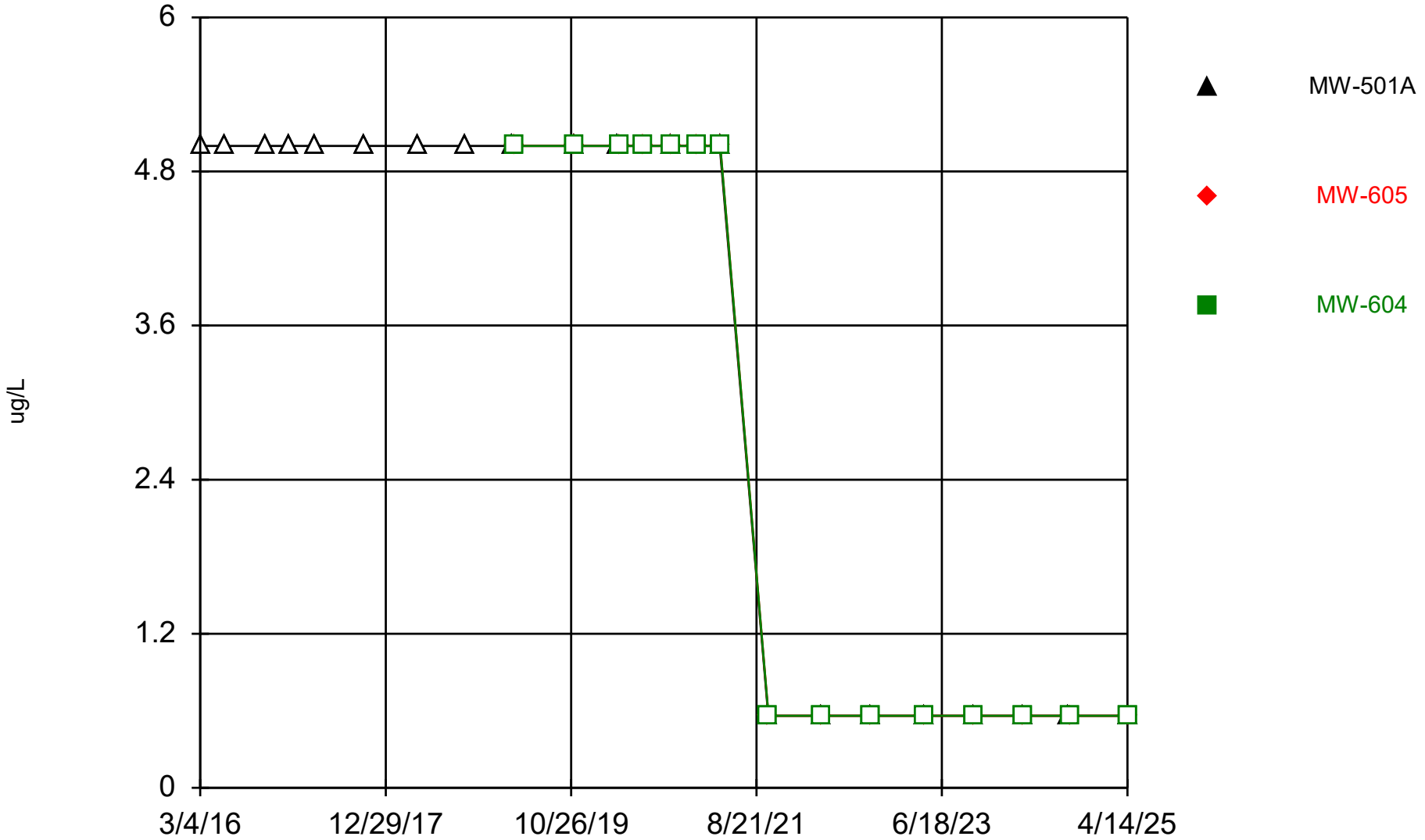


Constituent: trans-1,3-Dichloropropene Analysis Run 6/12/2025 2:12 PM View: All Wells - Appendix I VOC DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

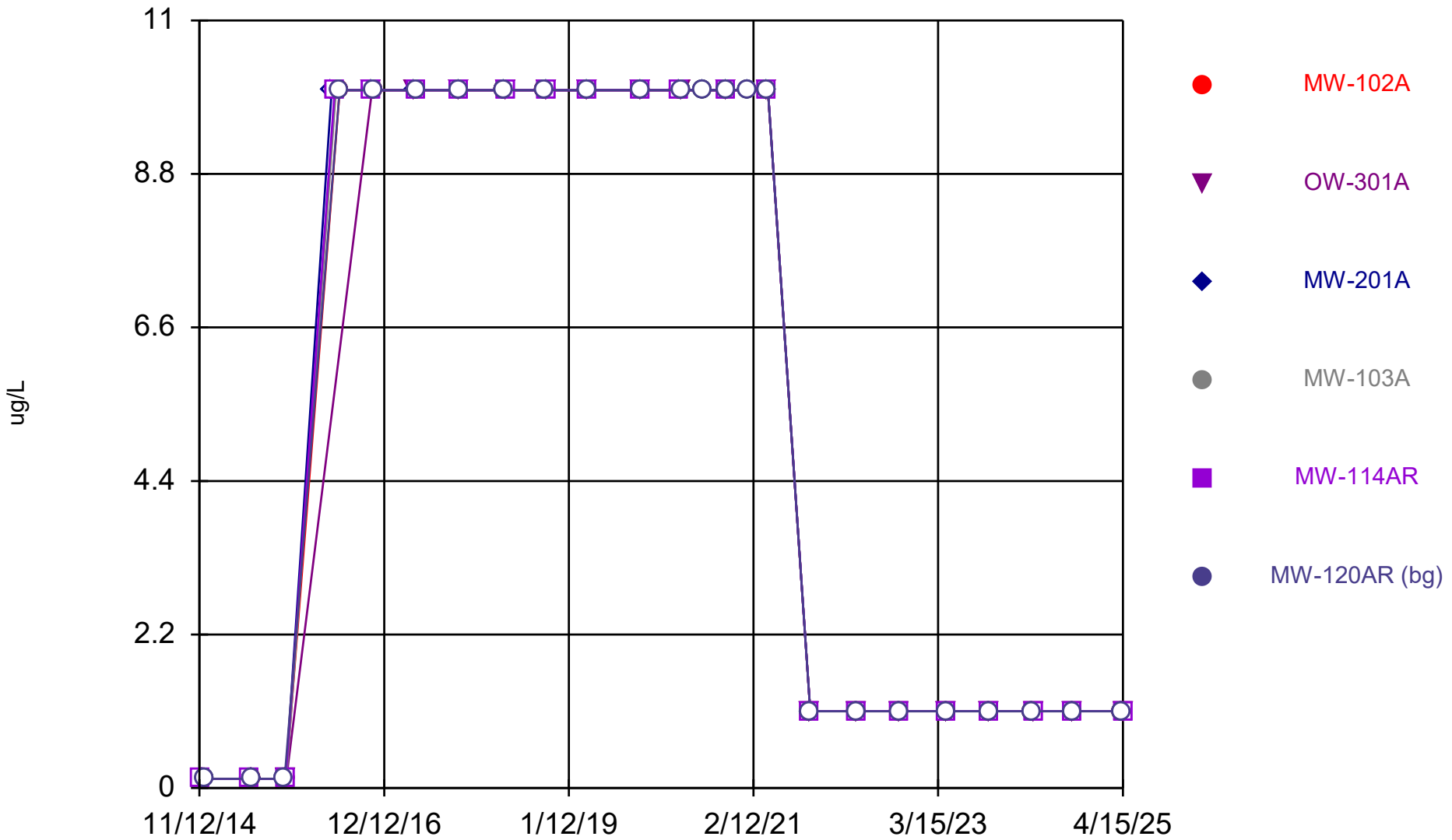
Time Series



Constituent: trans-1,3-Dichloropropene Analysis Run 6/12/2025 2:12 PM View: All Wells - Appendix I VOC DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

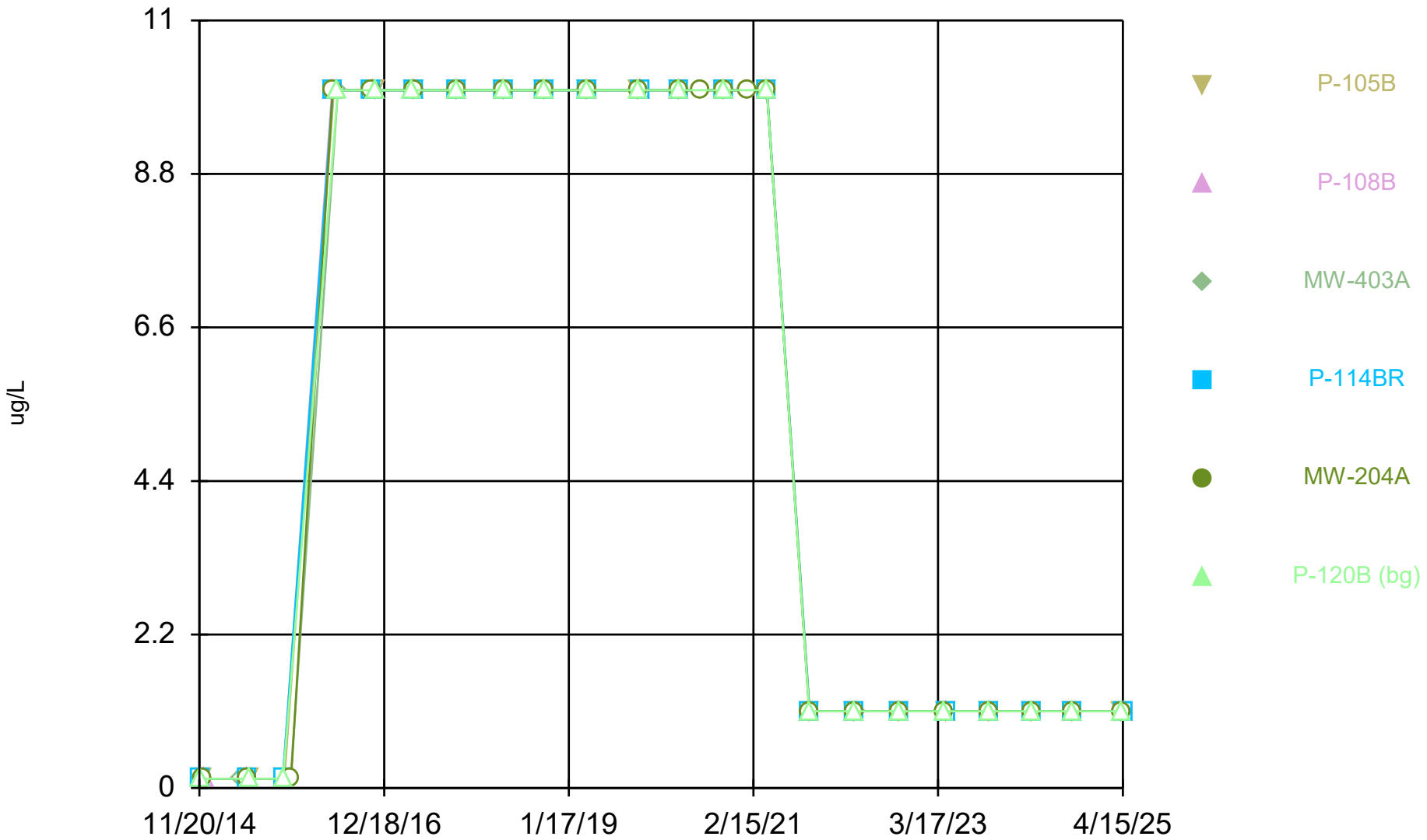
Time Series



Constituent: trans-1,4-Dichloro-2-butene Analysis Run 6/12/2025 2:12 PM View: All Wells - Appendix I VO DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series



Constituent: trans-1,4-Dichloro-2-butene Analysis Run 6/12/2025 2:12 PM View: All Wells - Appendix I VOC DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

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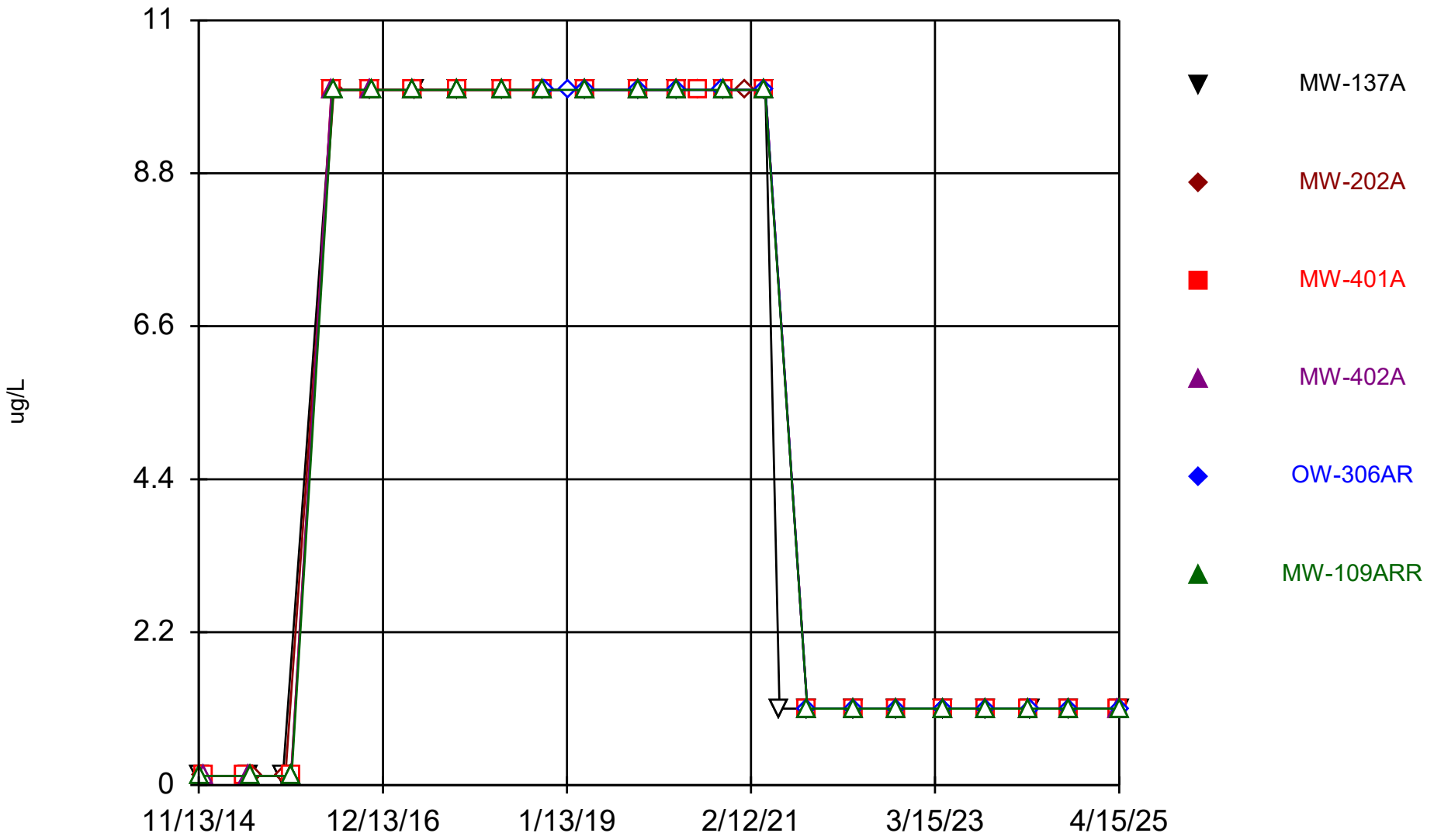

Constituent: trans-1,4-Dichloro-2-butene Analysis Run 6/12/2025 2:12 PM View: All Wells - Appendix I VO DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

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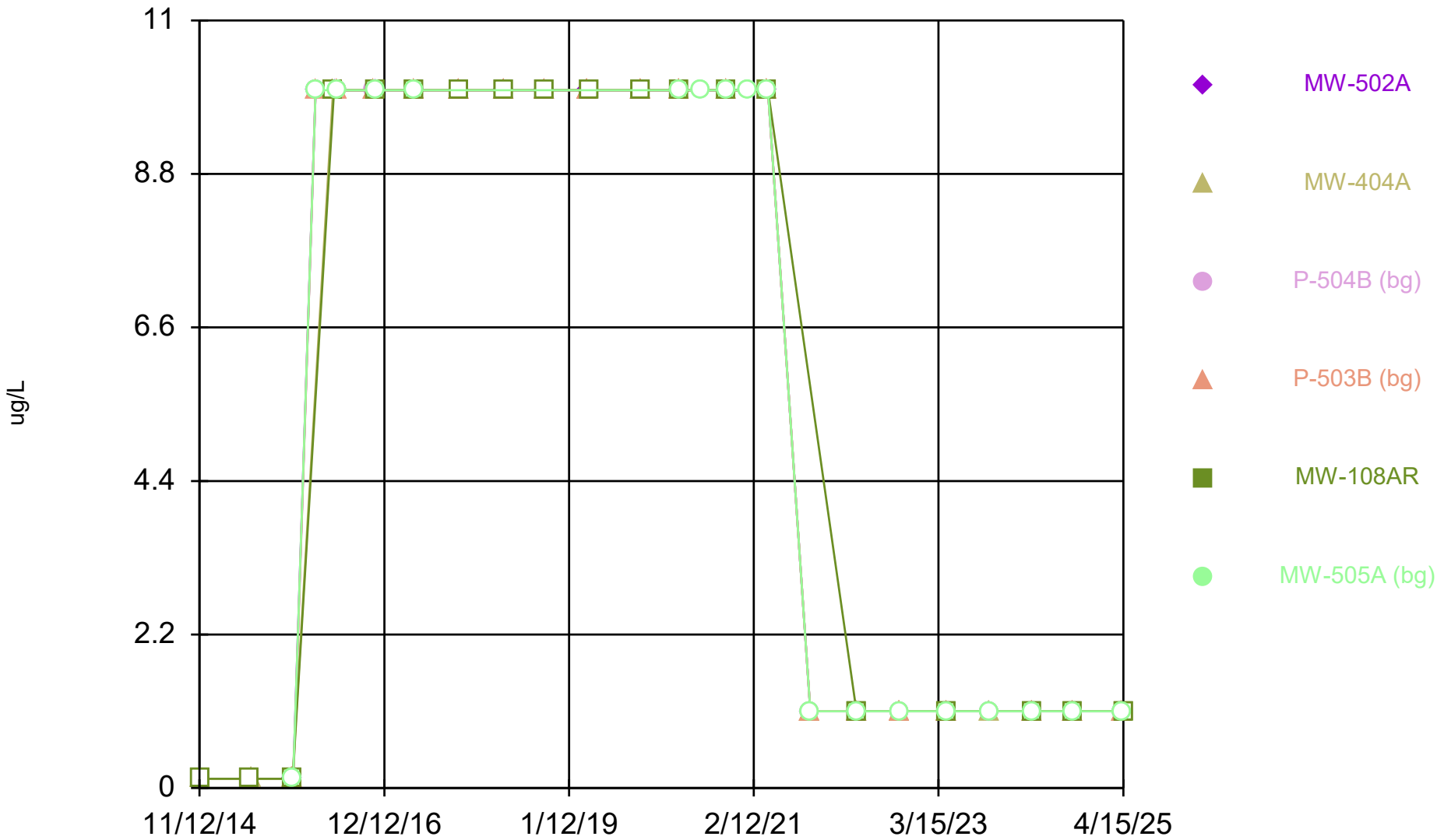
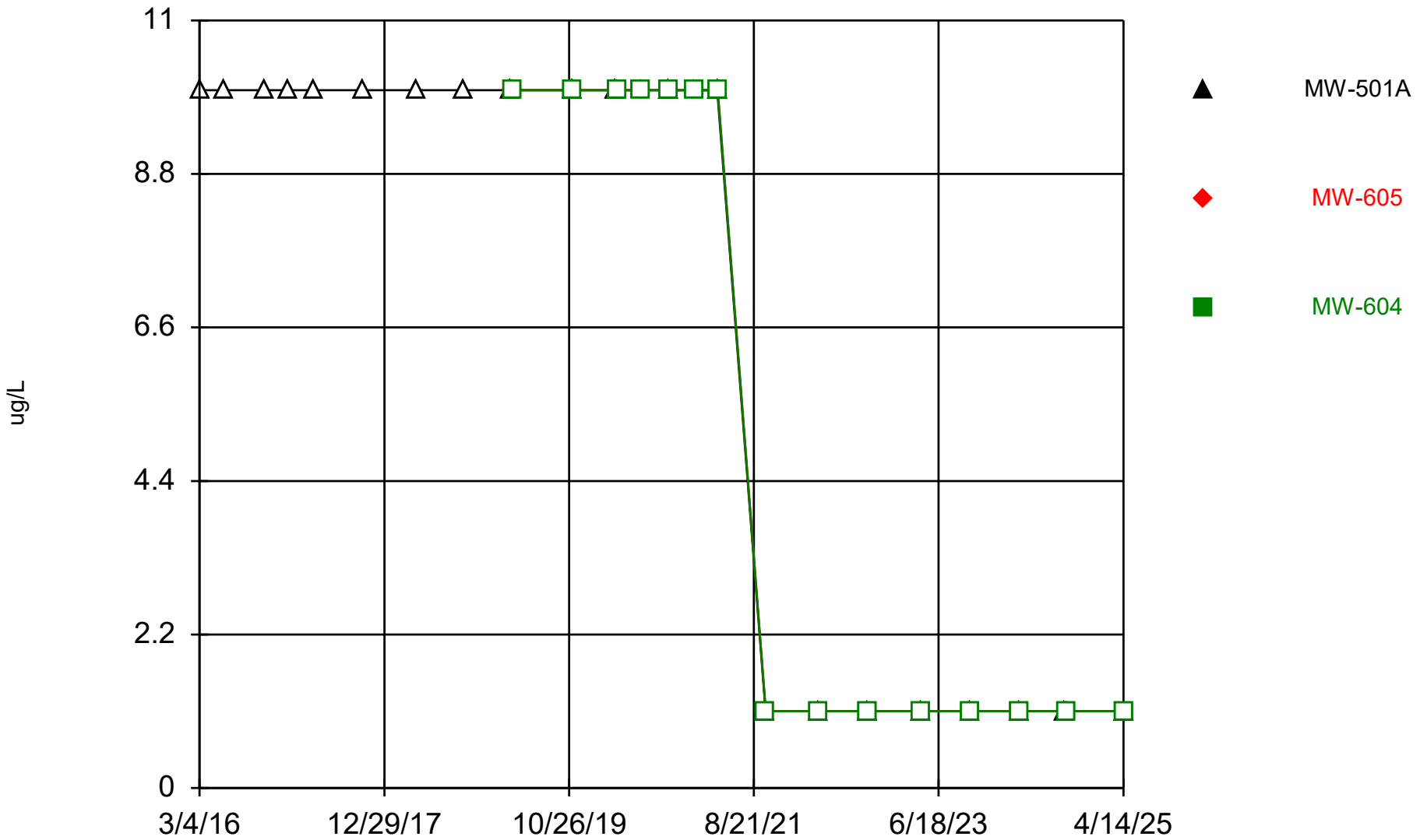


Constituent: trans-1,4-Dichloro-2-butene Analysis Run 6/12/2025 2:12 PM View: All Wells - Appendix I VO DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series



Constituent: trans-1,4-Dichloro-2-butene Analysis Run 6/12/2025 2:12 PM View: All Wells - Appendix I VO DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
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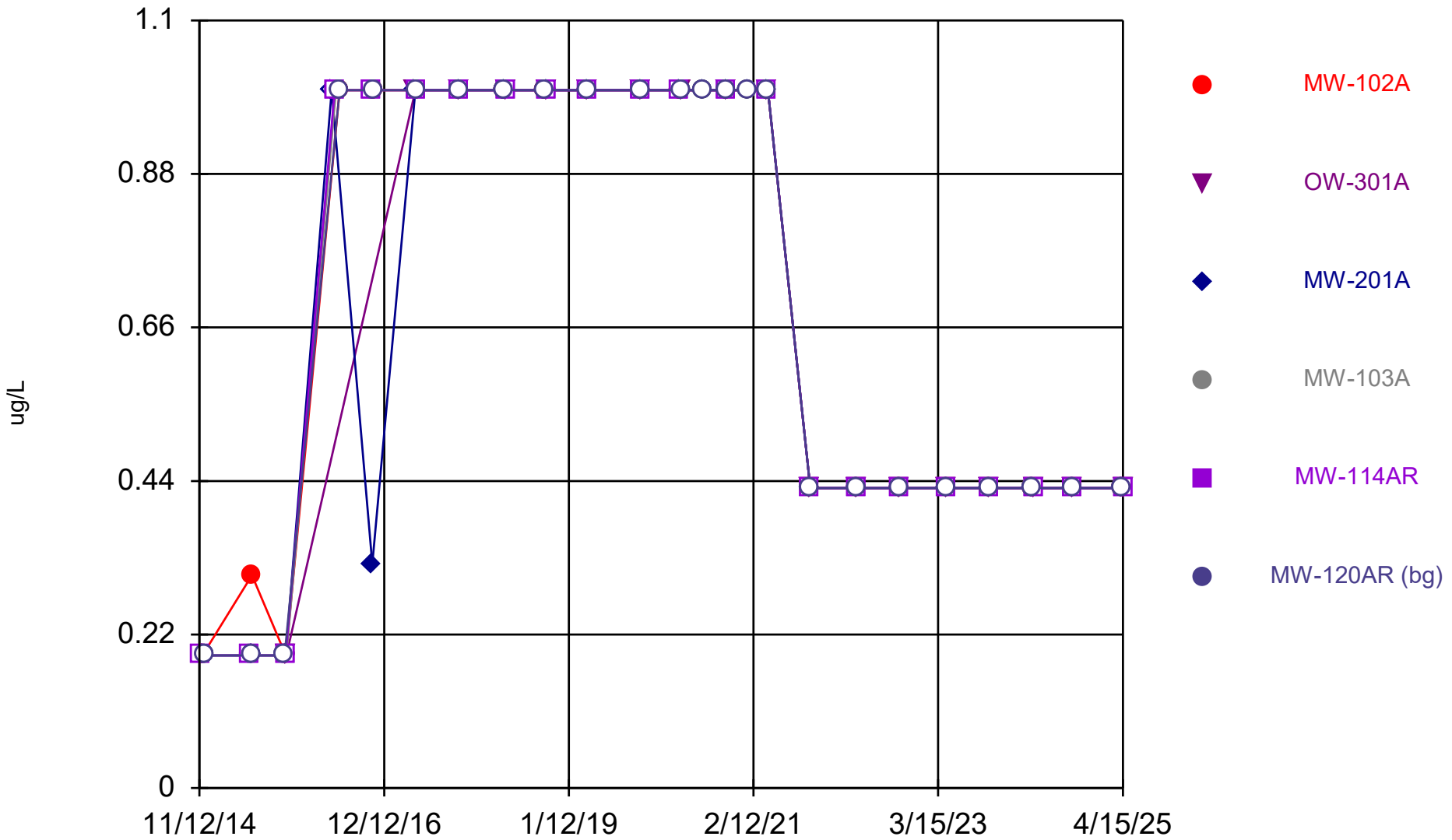

Constituent: Trichloroethene Analysis Run 6/12/2025 2:12 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
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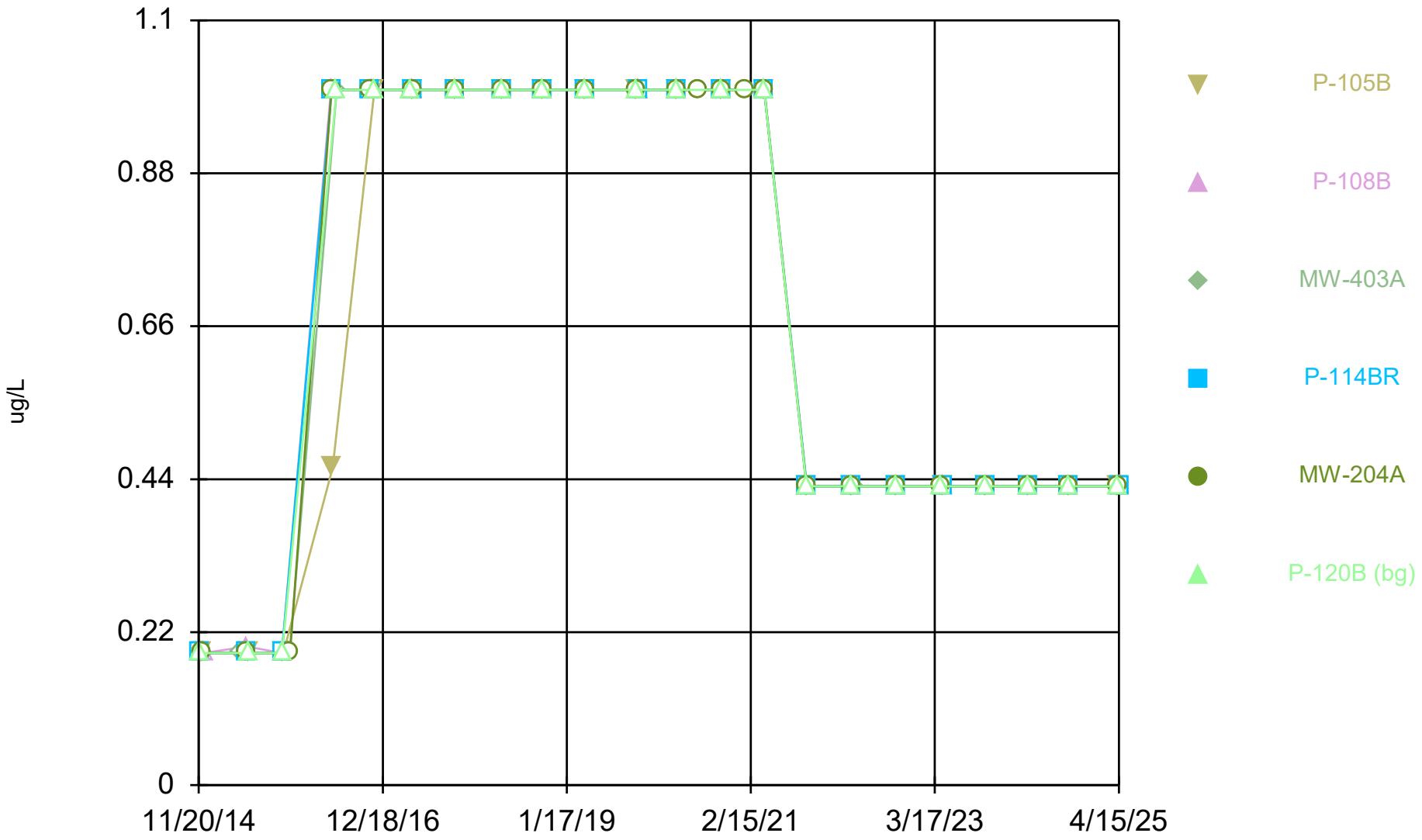
Time Series



Constituent: Trichloroethene Analysis Run 6/12/2025 2:12 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

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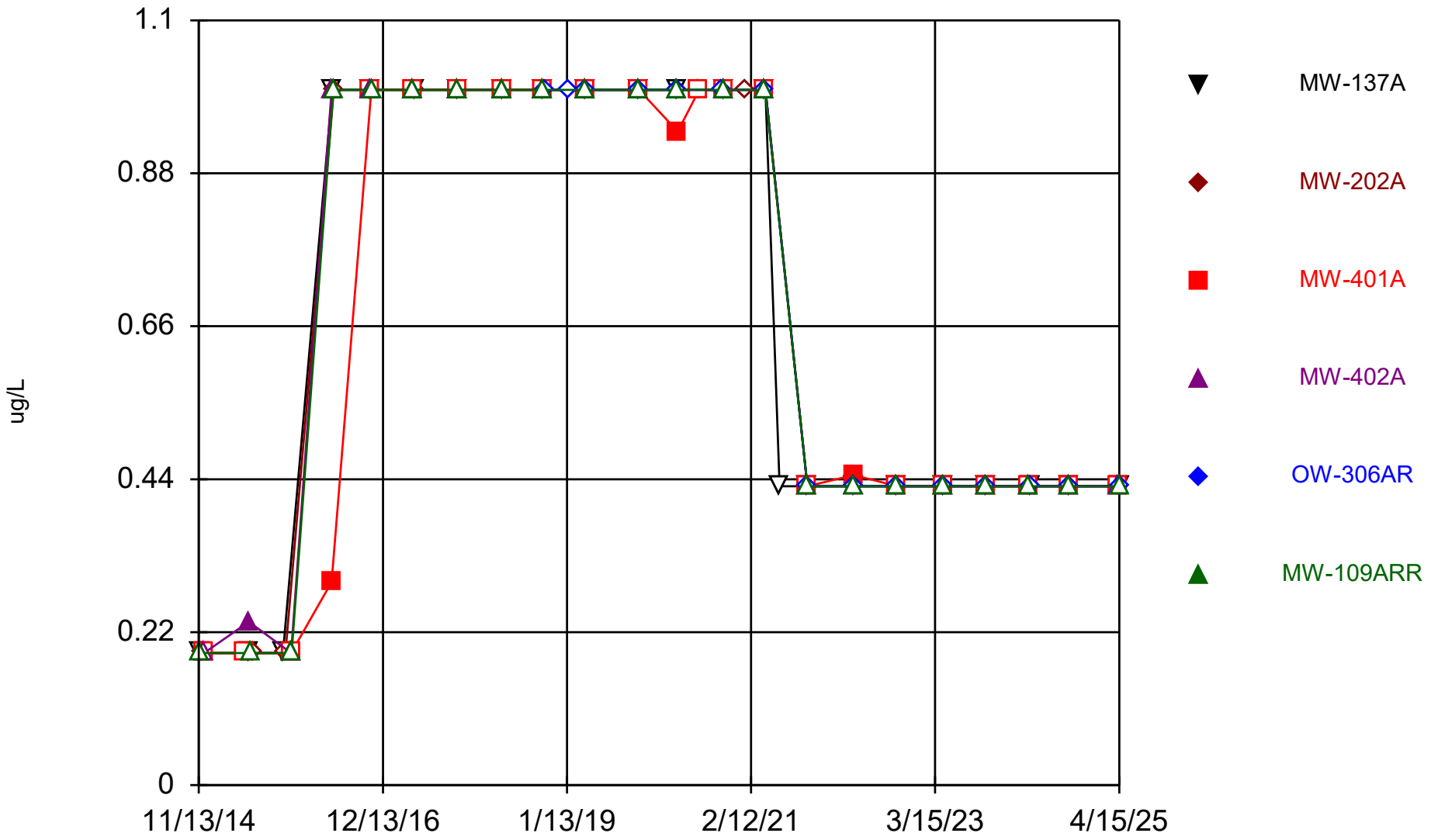

Constituent: Trichloroethene Analysis Run 6/12/2025 2:12 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

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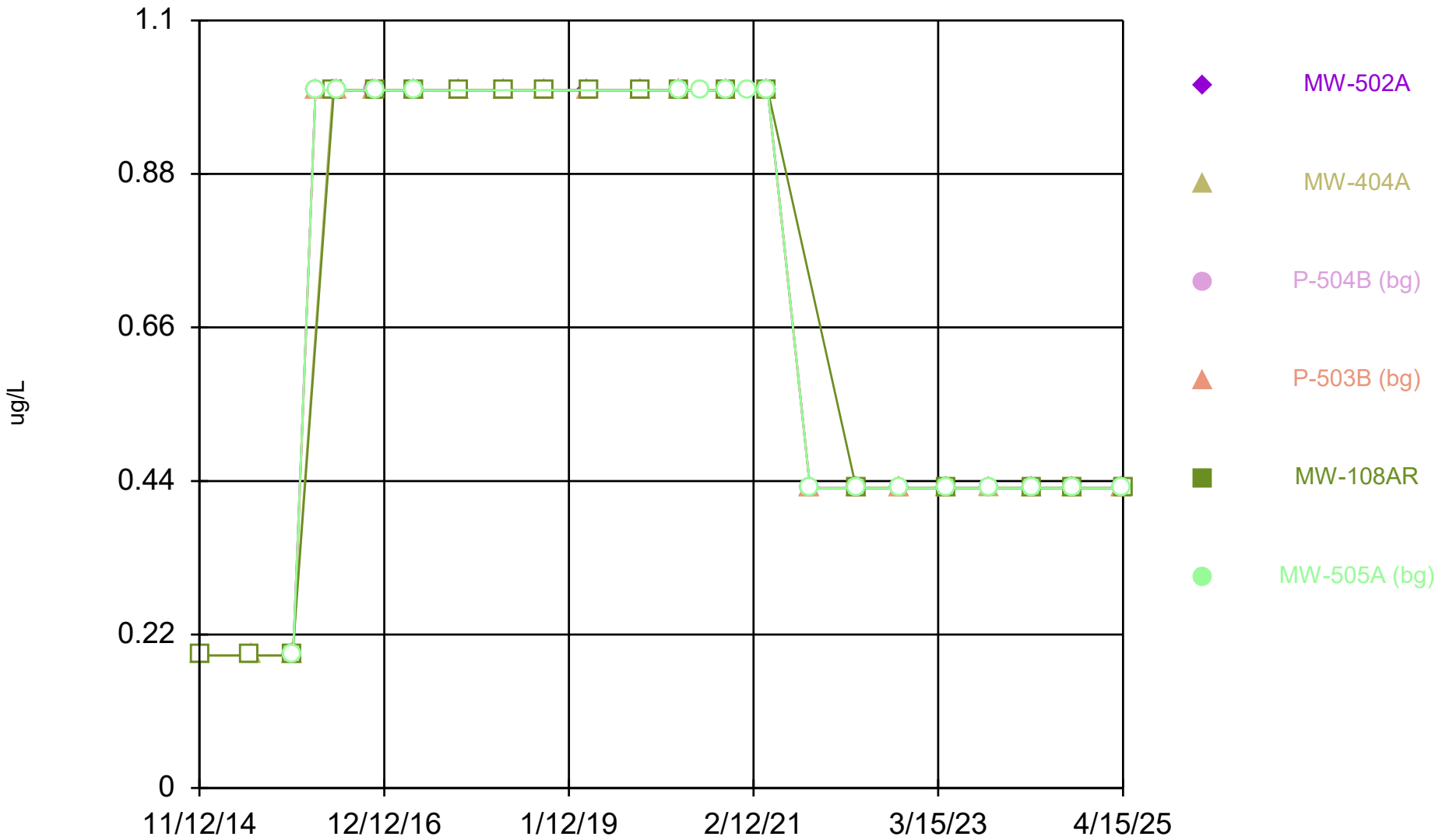

Constituent: Trichloroethene Analysis Run 6/12/2025 2:12 PM View: All Wells - Appendix I VOCs
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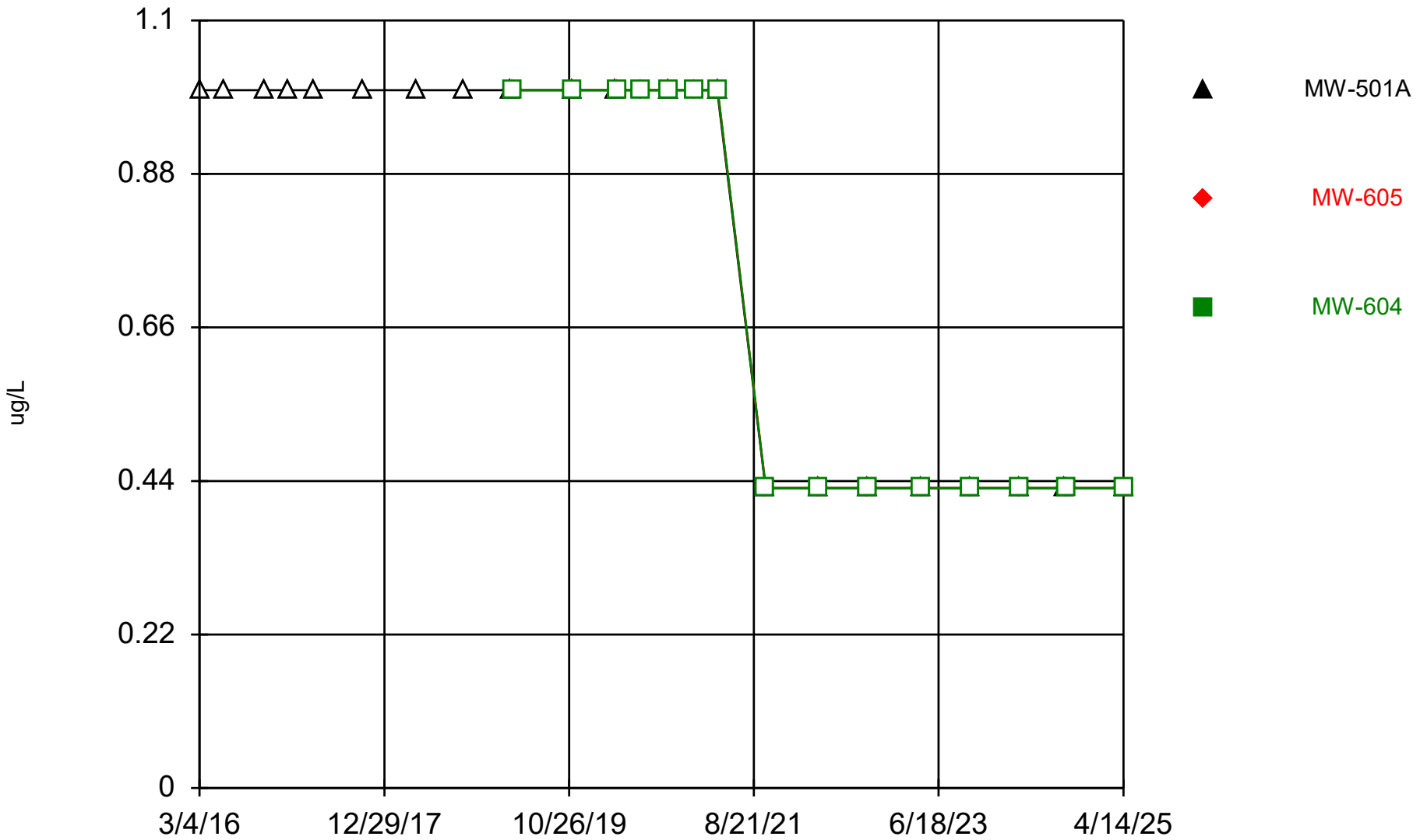

Constituent: Trichloroethene Analysis Run 6/12/2025 2:12 PM View: All Wells - Appendix I VOCs
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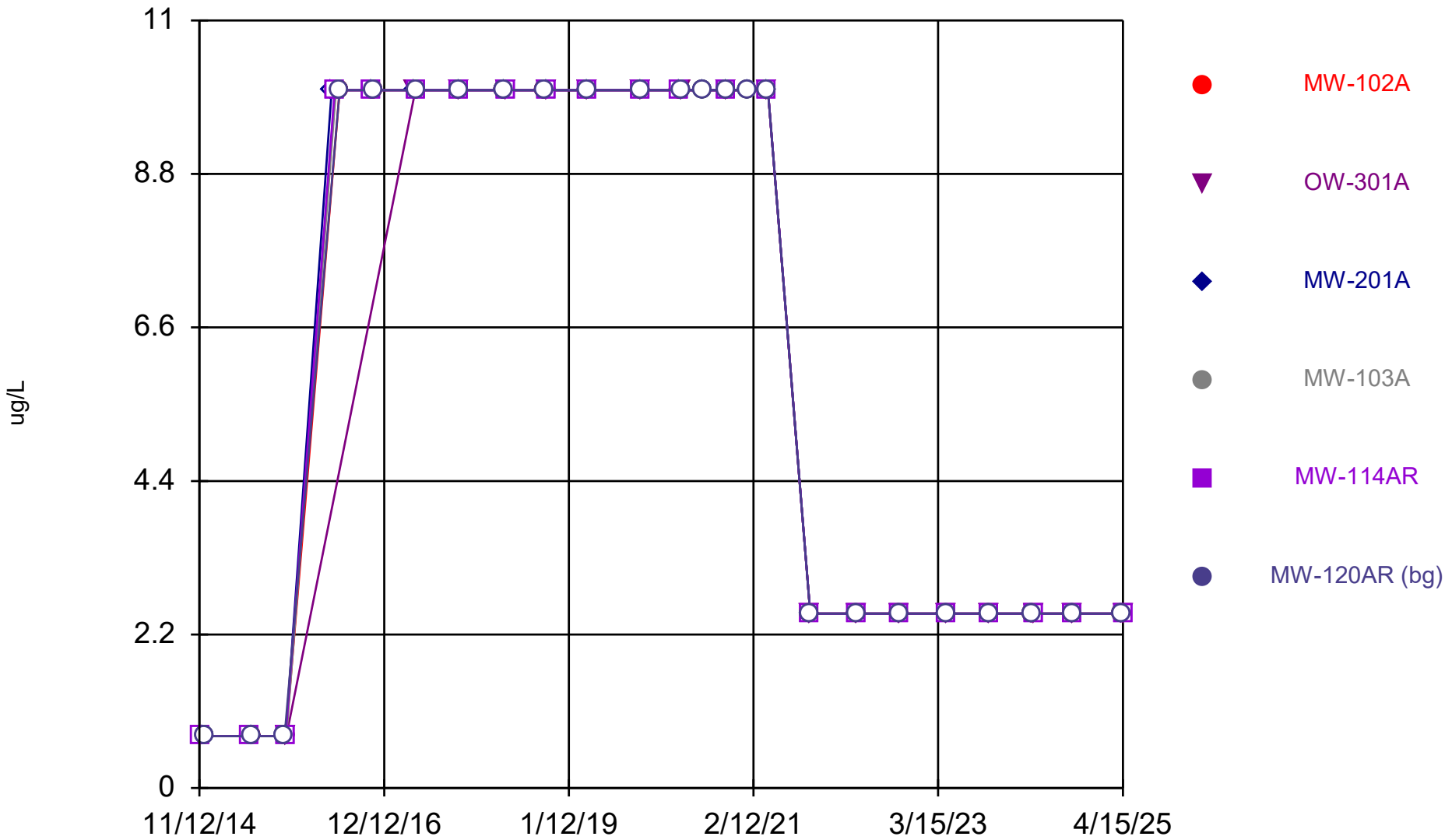

Constituent: Vinyl Acetate Analysis Run 6/12/2025 2:12 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

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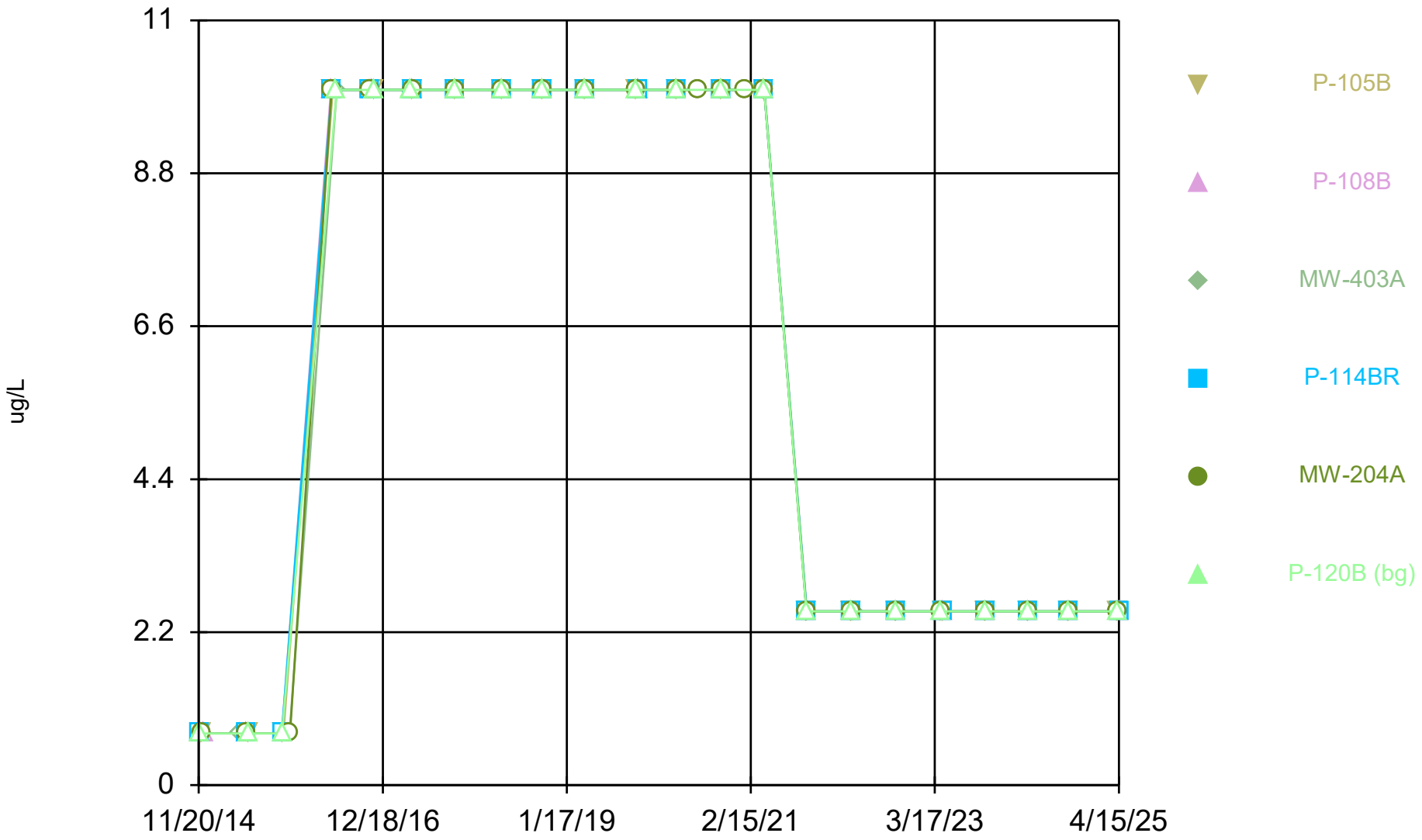

Constituent: Vinyl Acetate Analysis Run 6/12/2025 2:12 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
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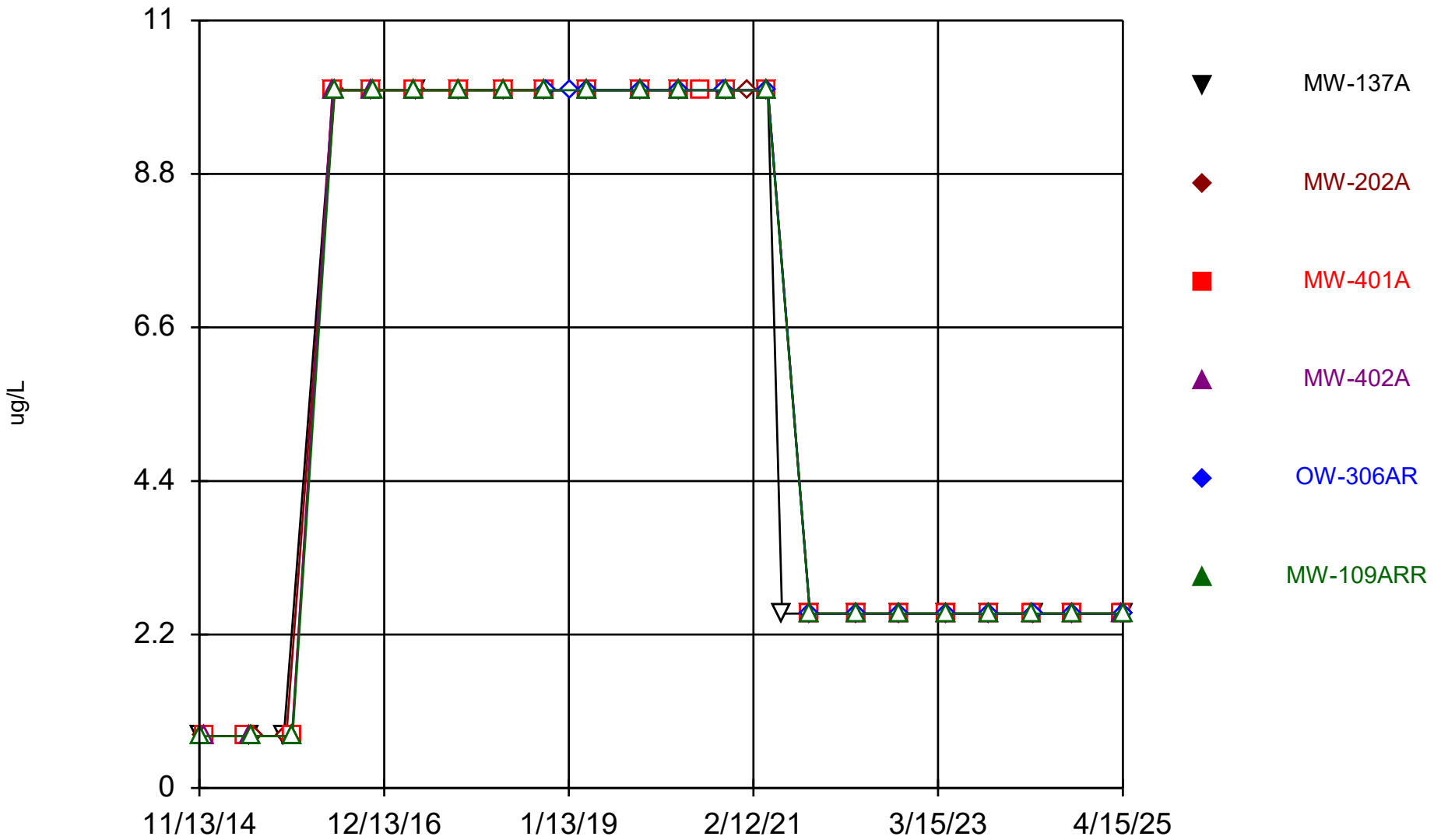

Constituent: Vinyl Acetate Analysis Run 6/12/2025 2:12 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
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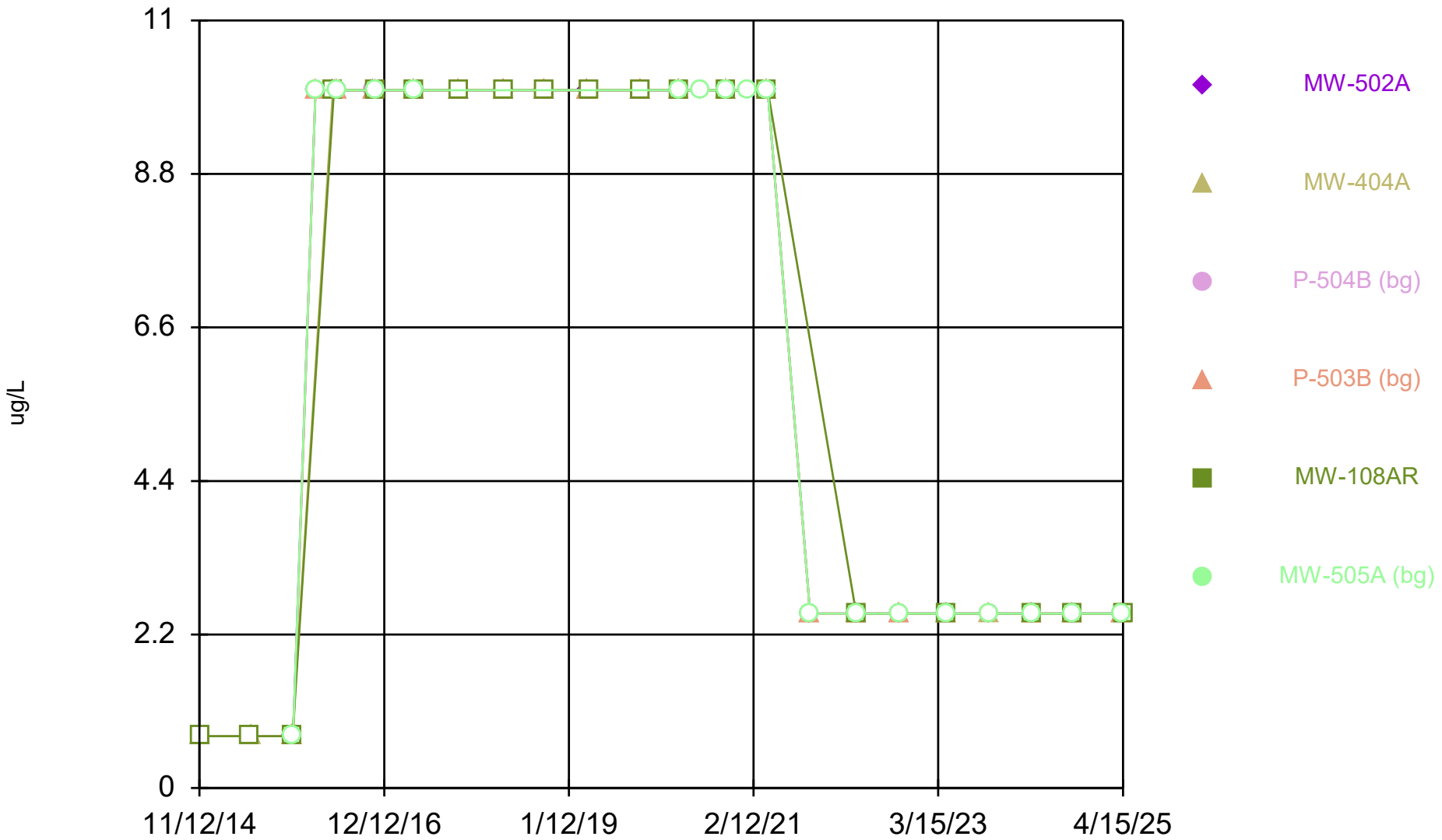

Constituent: Vinyl Acetate Analysis Run 6/12/2025 2:12 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

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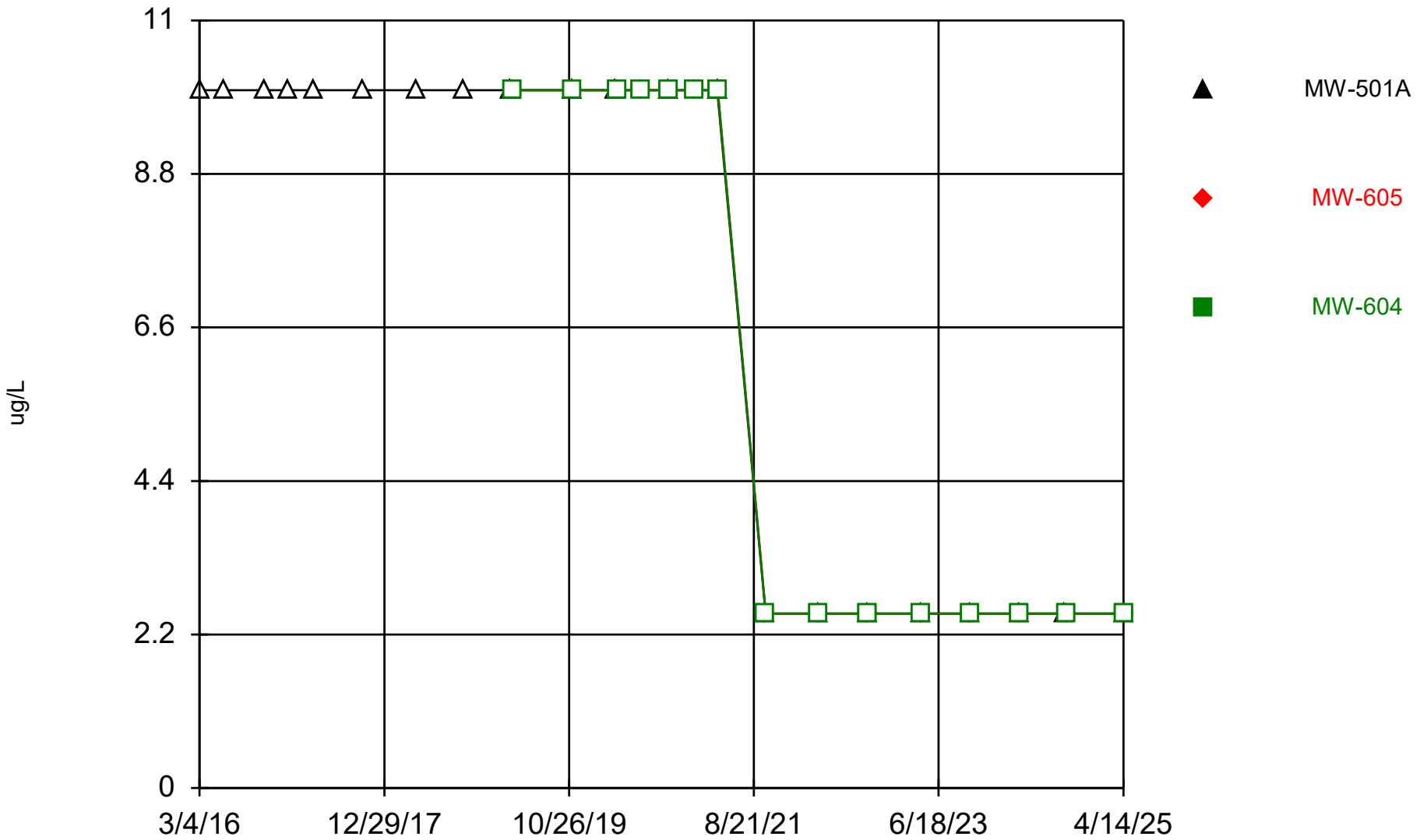

Constituent: Vinyl Acetate Analysis Run 6/12/2025 2:12 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

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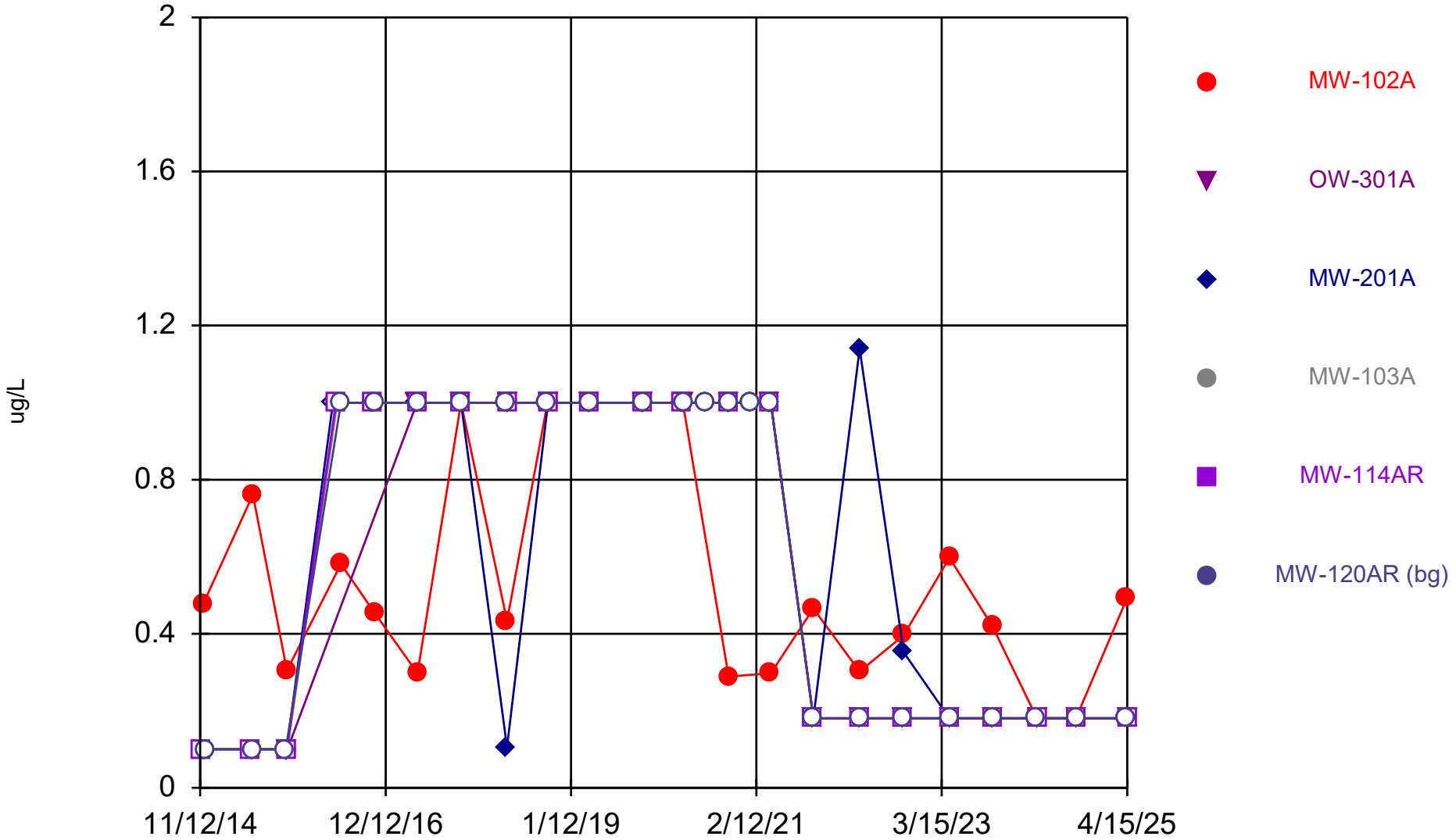

Constituent: Vinyl chloride Analysis Run 6/12/2025 2:12 PM View: All Wells - Appendix I VOCs

DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

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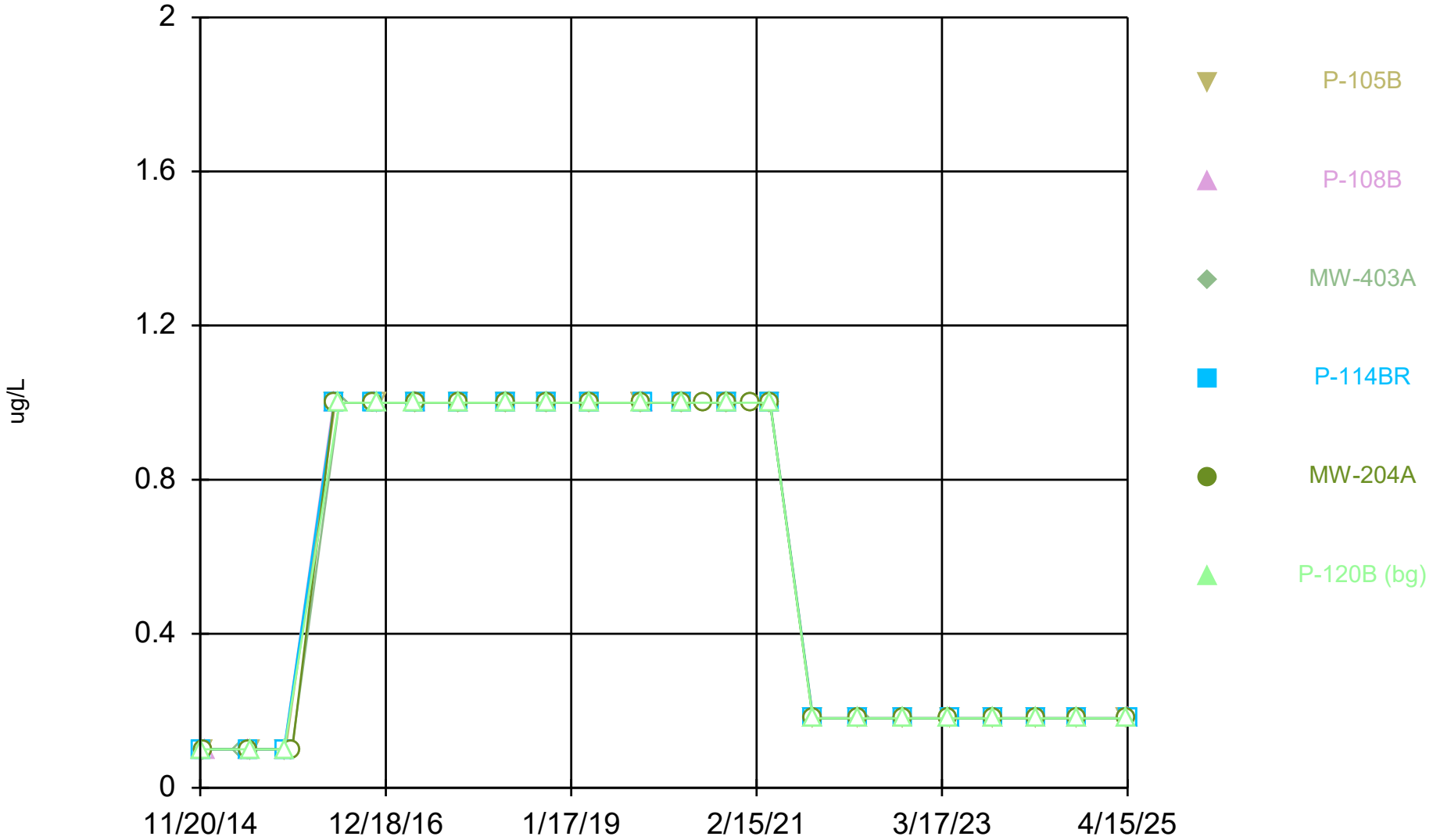

Constituent: Vinyl chloride Analysis Run 6/12/2025 2:12 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
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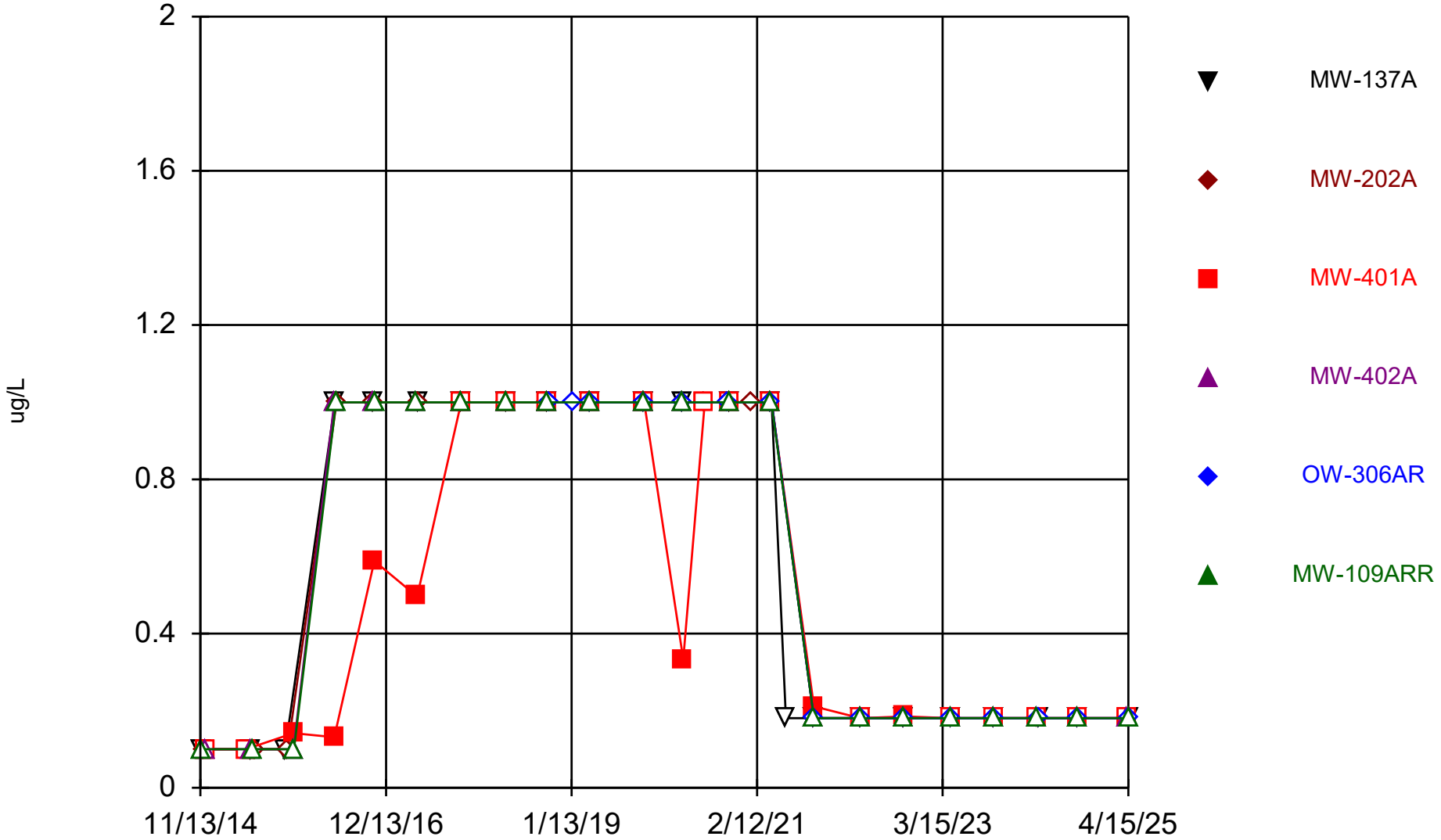
Time Series



Constituent: Vinyl chloride Analysis Run 6/12/2025 2:12 PM View: All Wells - Appendix I VOCs

DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
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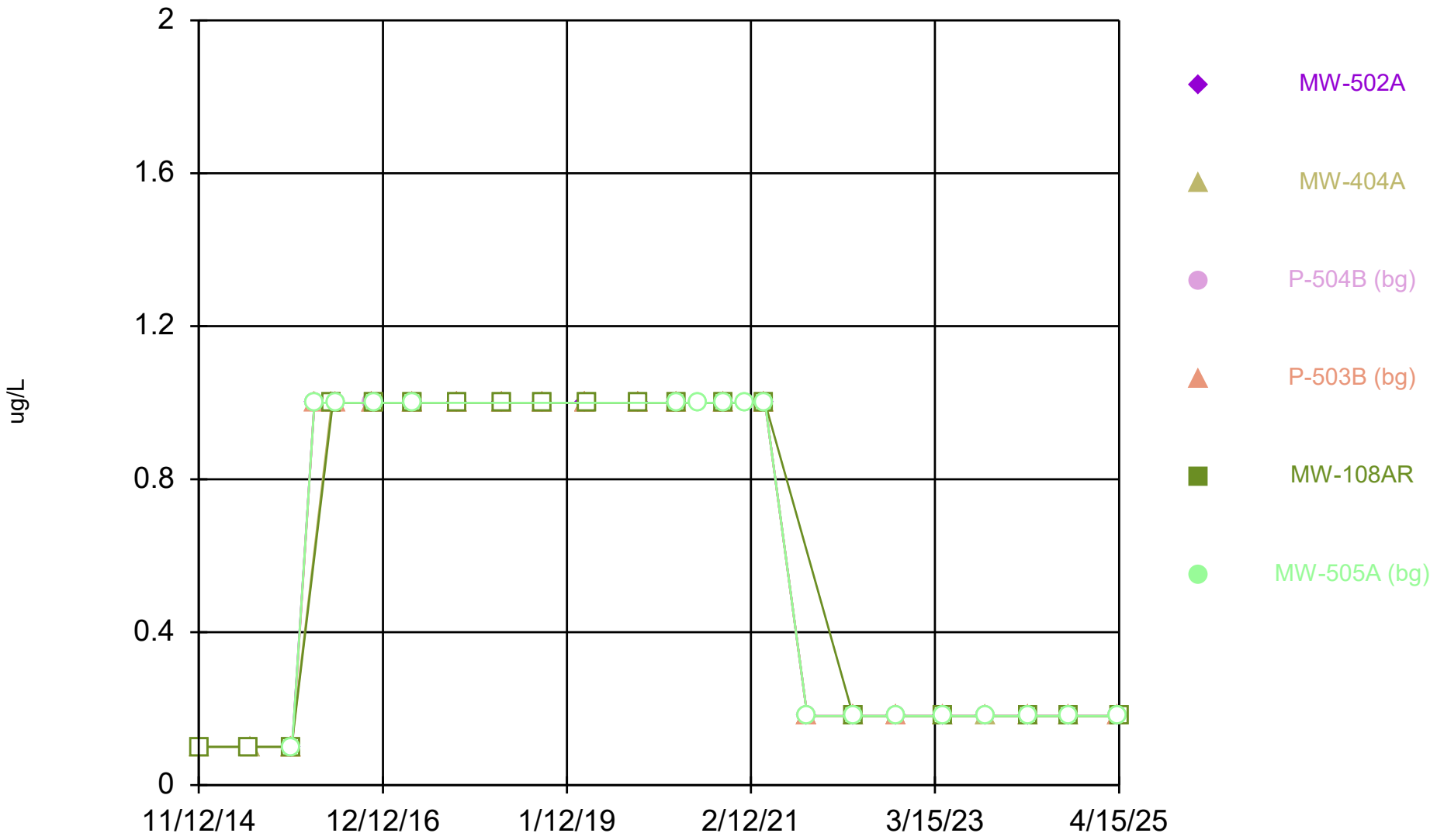

Constituent: Vinyl chloride Analysis Run 6/12/2025 2:12 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
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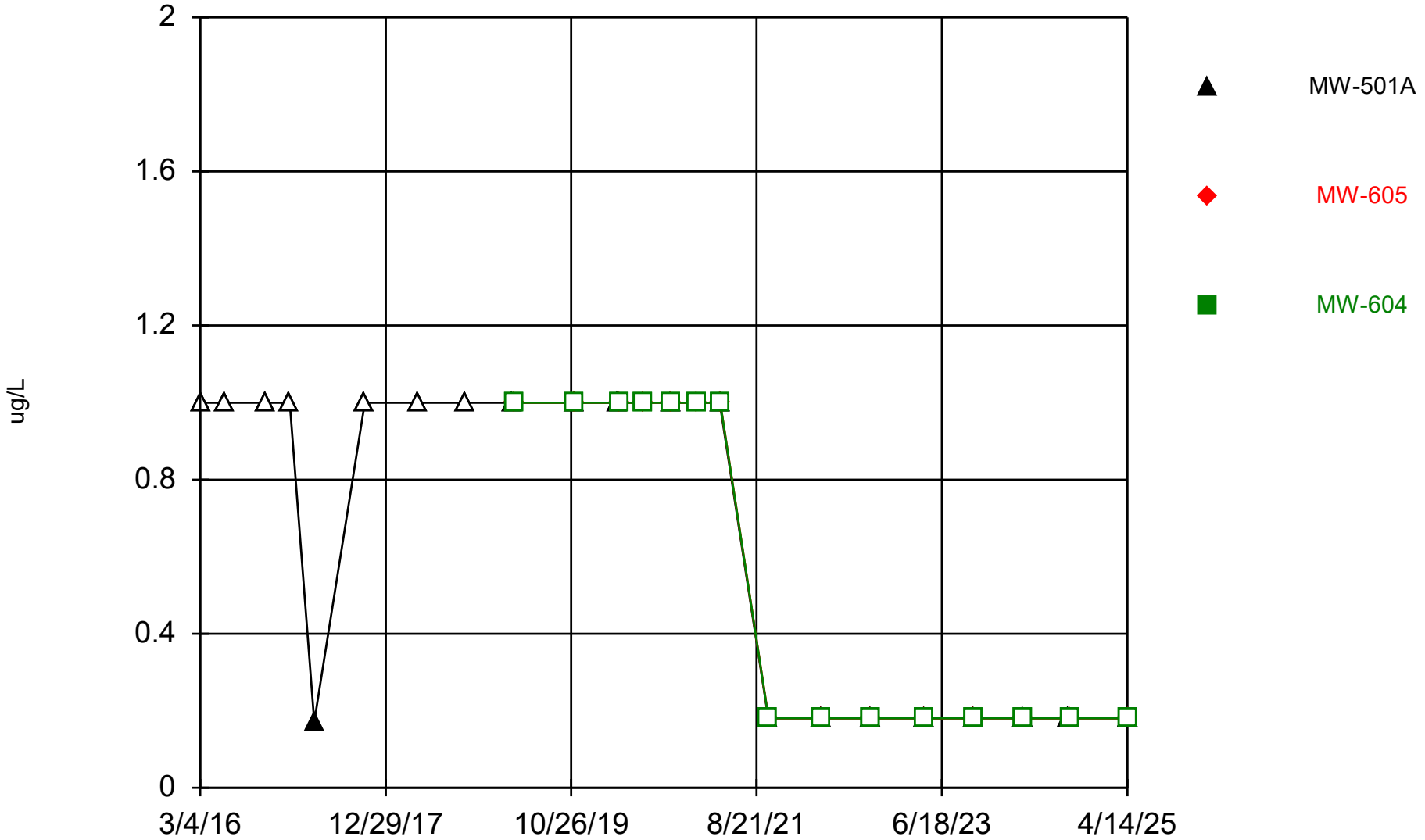
Time Series



Constituent: Vinyl chloride Analysis Run 6/12/2025 2:12 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
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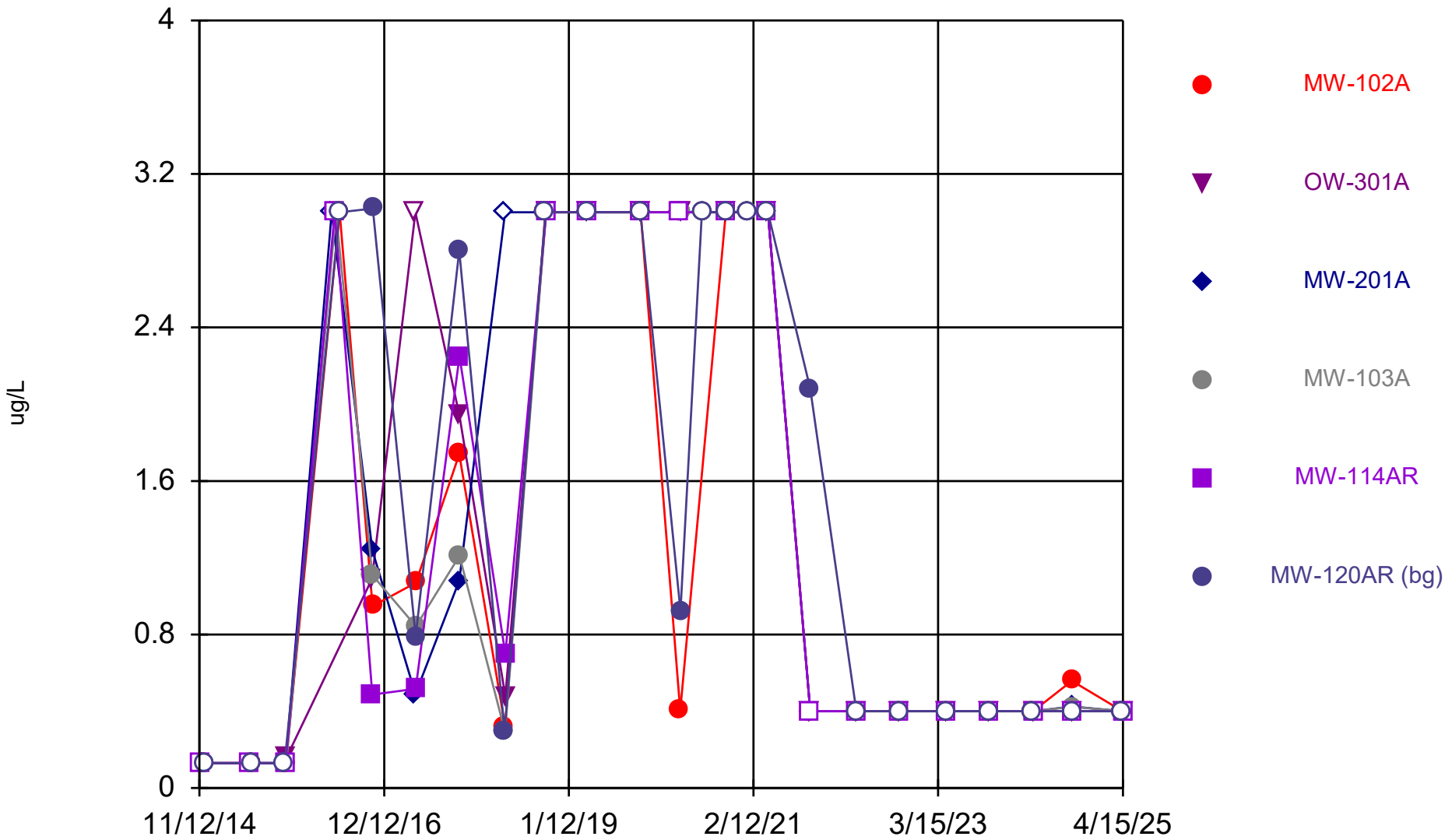
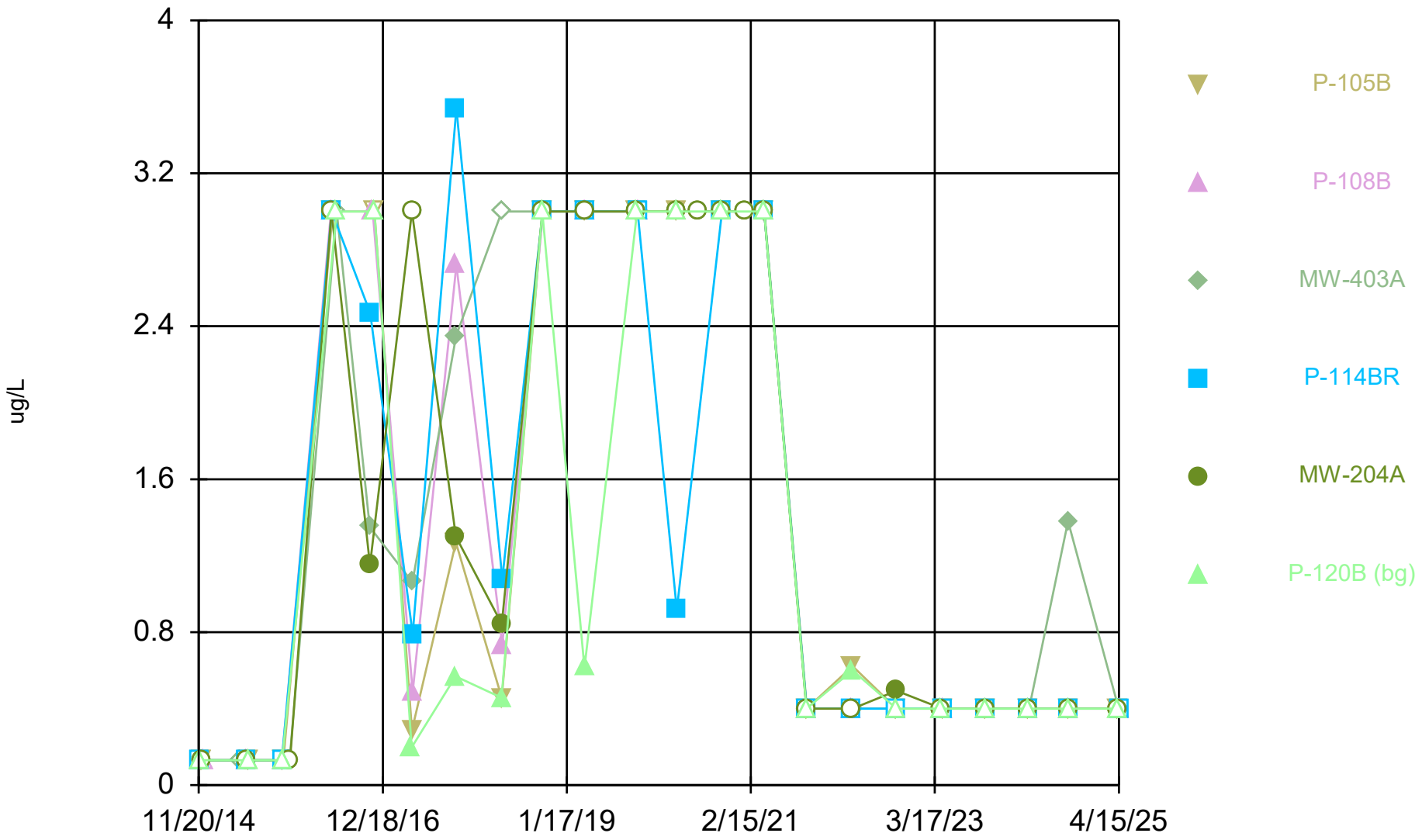
Time Series



Constituent: Xylenes, Total Analysis Run 6/12/2025 2:12 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

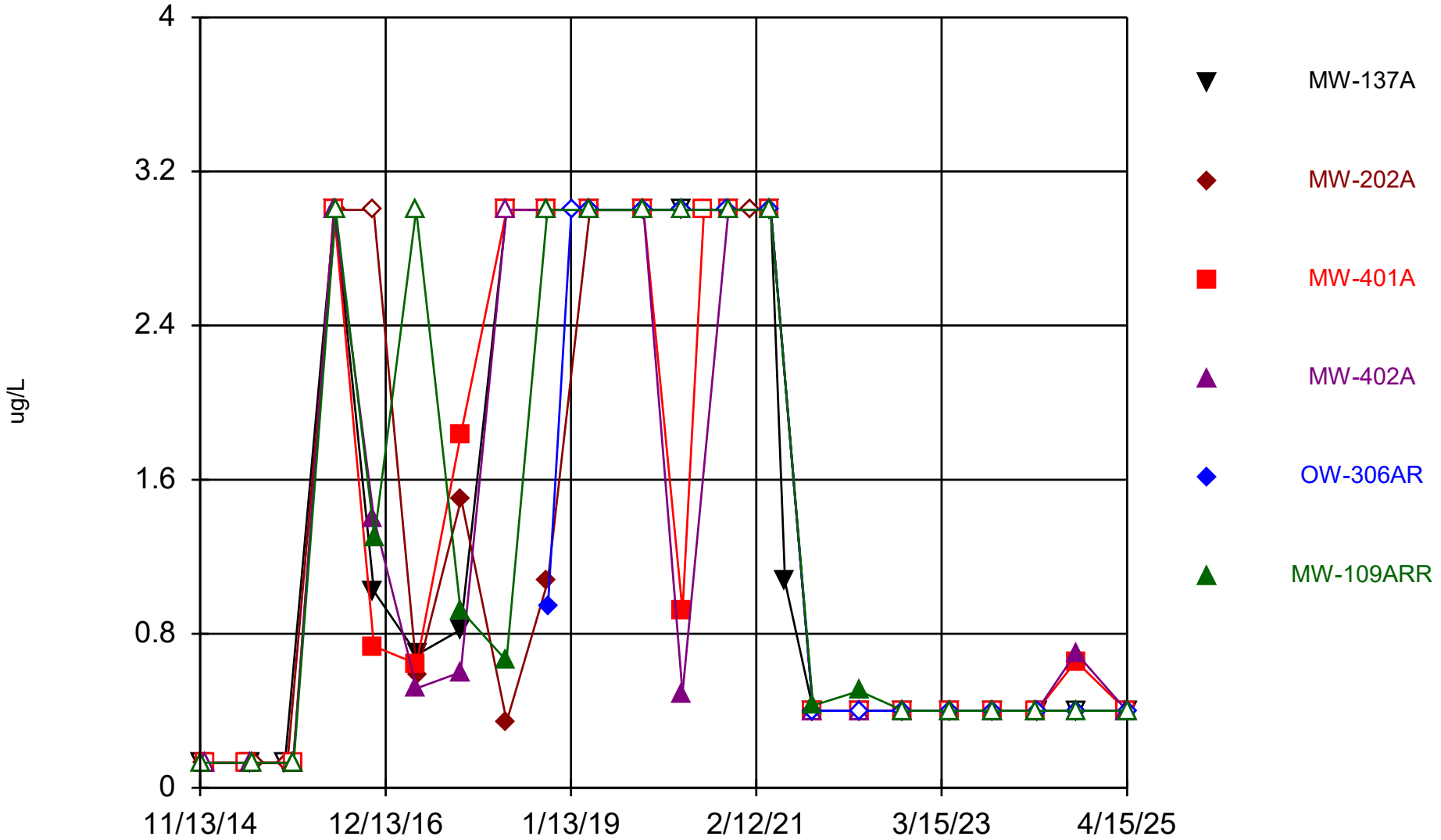
Time Series



Constituent: Xylenes, Total Analysis Run 6/12/2025 2:12 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Xylenes, Total Analysis Run 6/12/2025 2:12 PM View: All Wells - Appendix I VOCs

DMASWA Data: DMASWA Database_Updated

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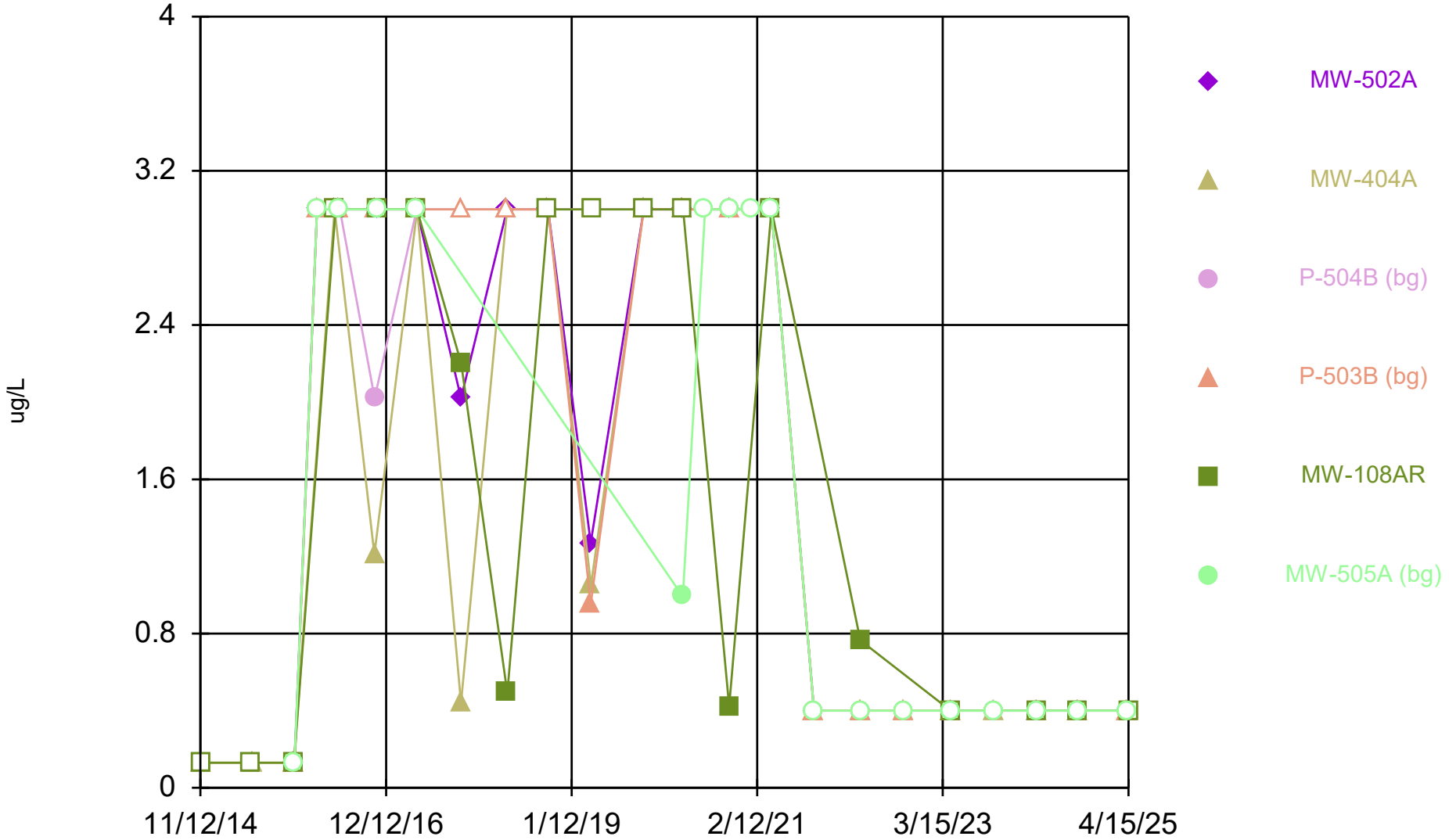
Hollow symbols indicate censored values.

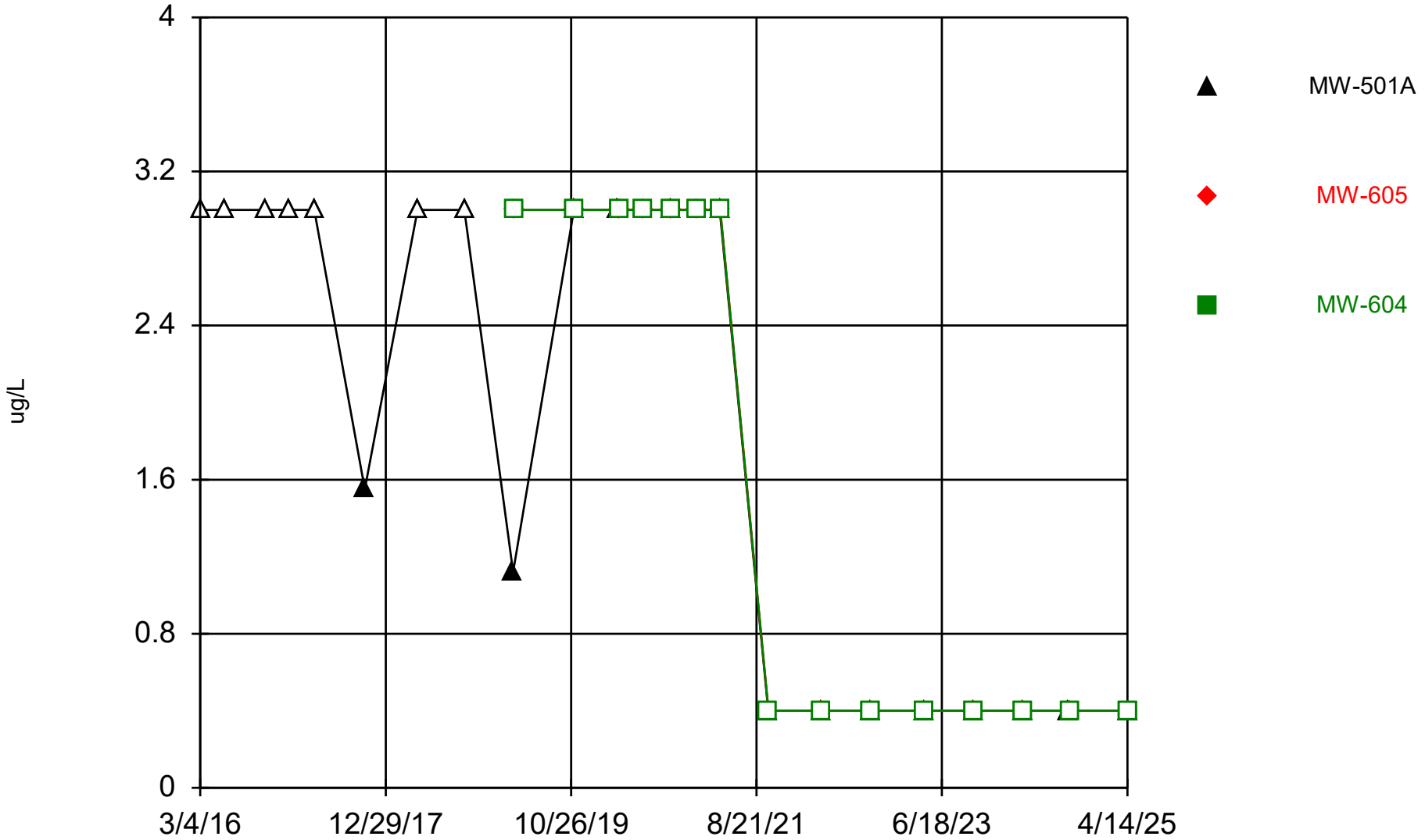
Time Series



Constituent: Xylenes, Total Analysis Run 6/12/2025 2:12 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series



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DMASWA Data: DMASWA Database_Updated

Monitoring Wells – Appendix I VOCs

Box & Whisker Plots

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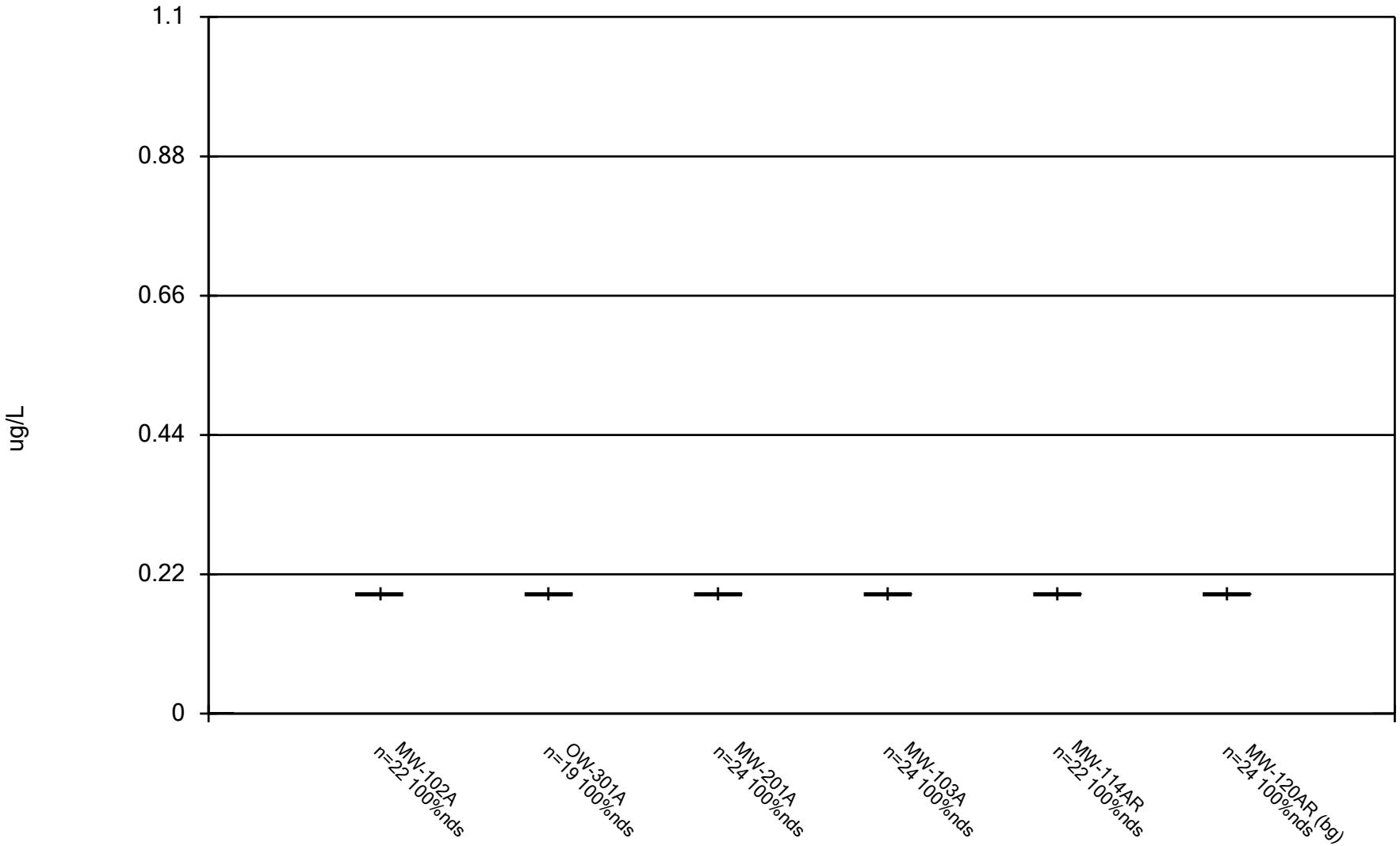
Box & Whiskers Plot



Constituent: 1,1,1-Trichloroethane Analysis Run 6/12/2025 2:15 PM View: All Wells - Appendix I VOCs

DMASWA Data: DMASWA Database_Updated

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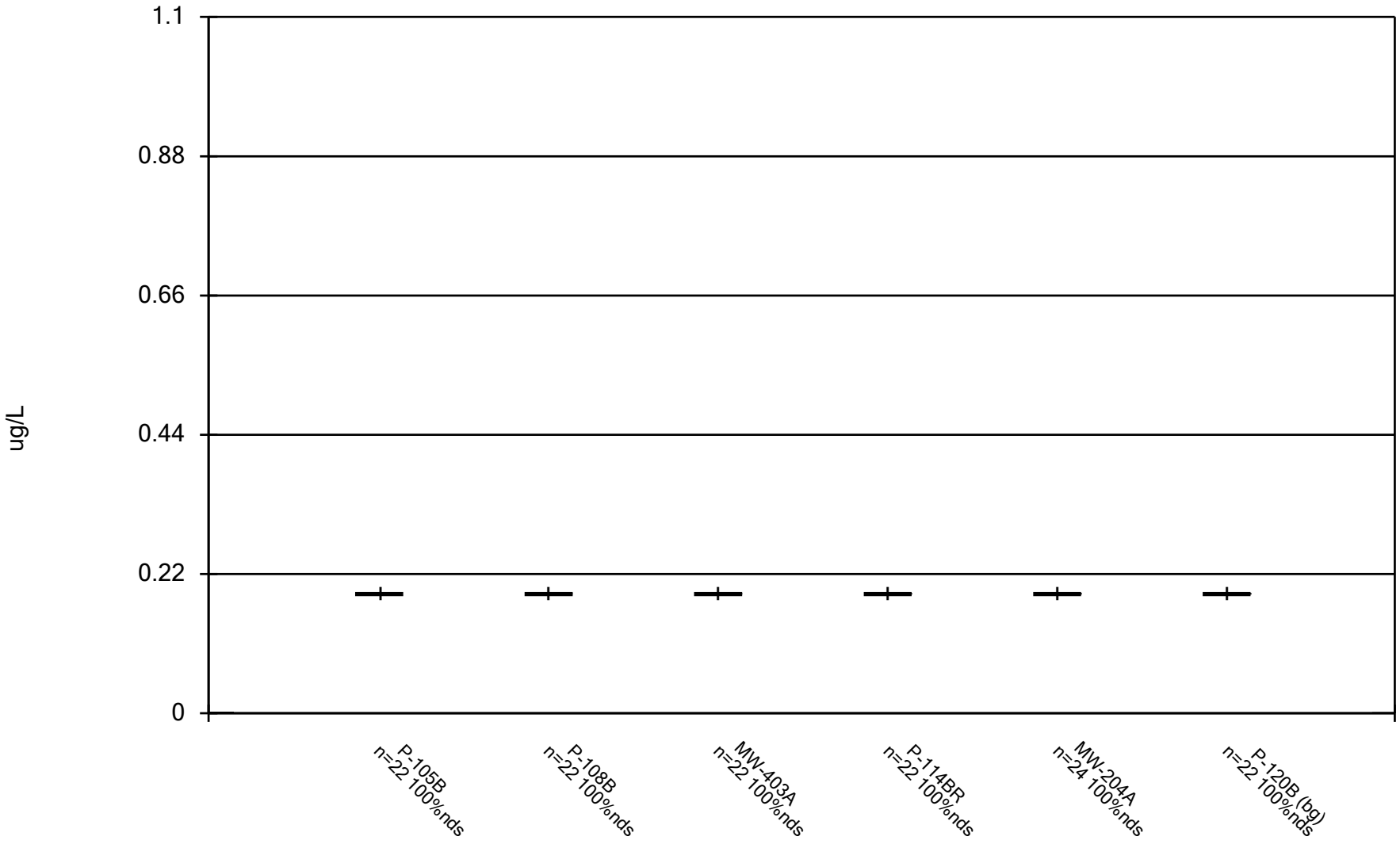
Box & Whiskers Plot



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DMASWA Data: DMASWA Database_Updated

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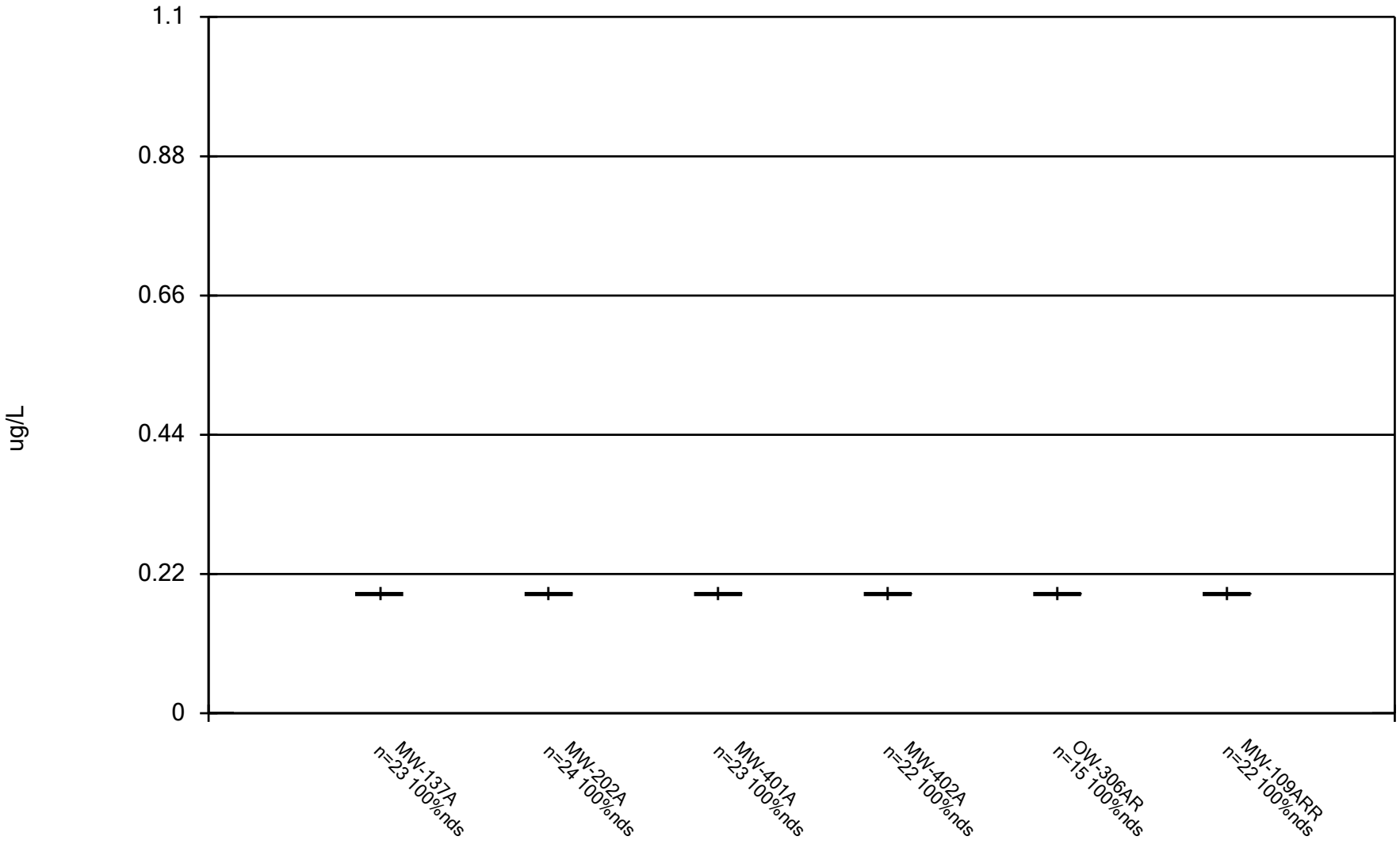
Box & Whiskers Plot

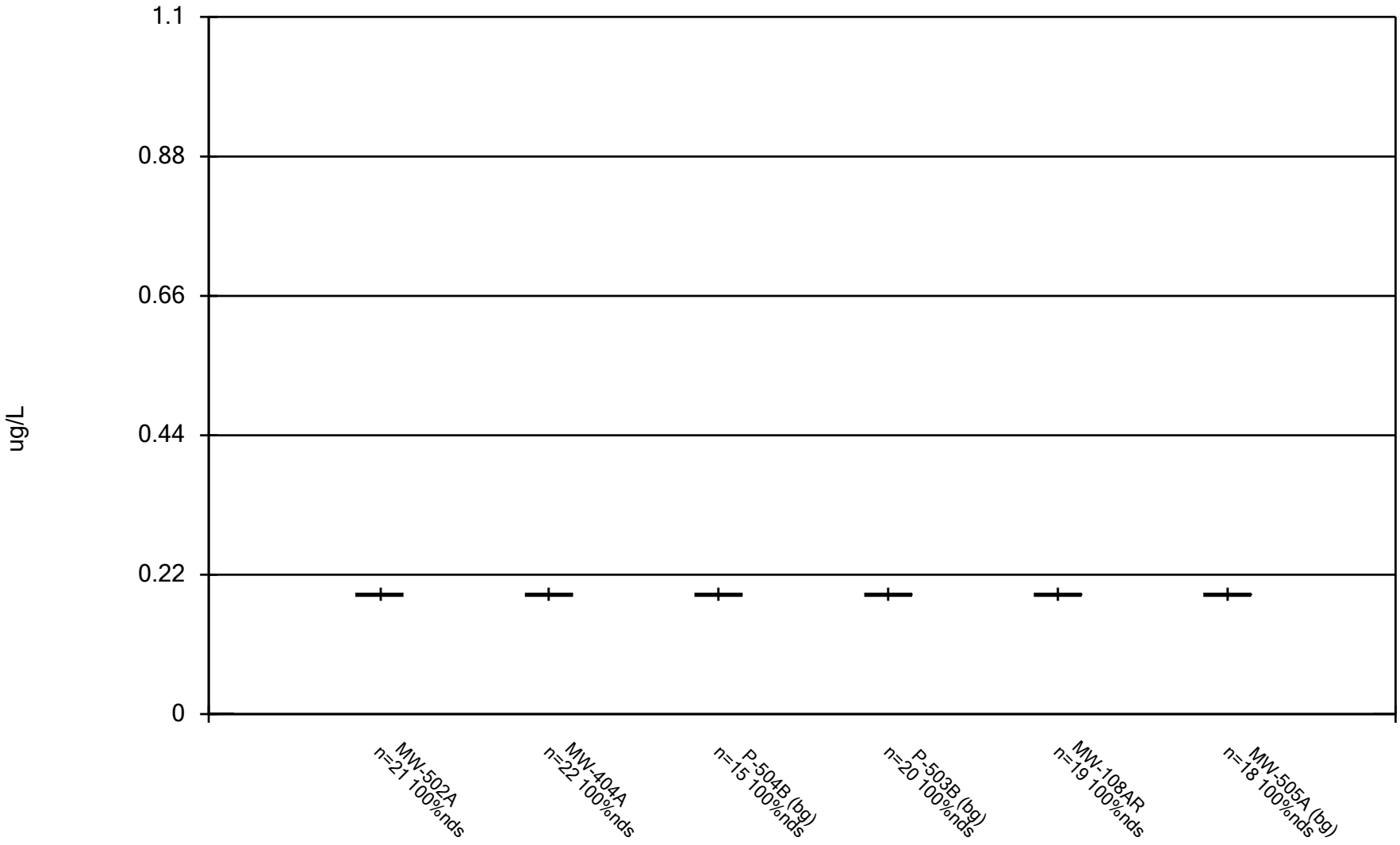


Constituent: 1,1,1-Trichloroethane Analysis Run 6/12/2025 2:16 PM View: All Wells - Appendix I VOCs

DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG

Box & Whiskers Plot



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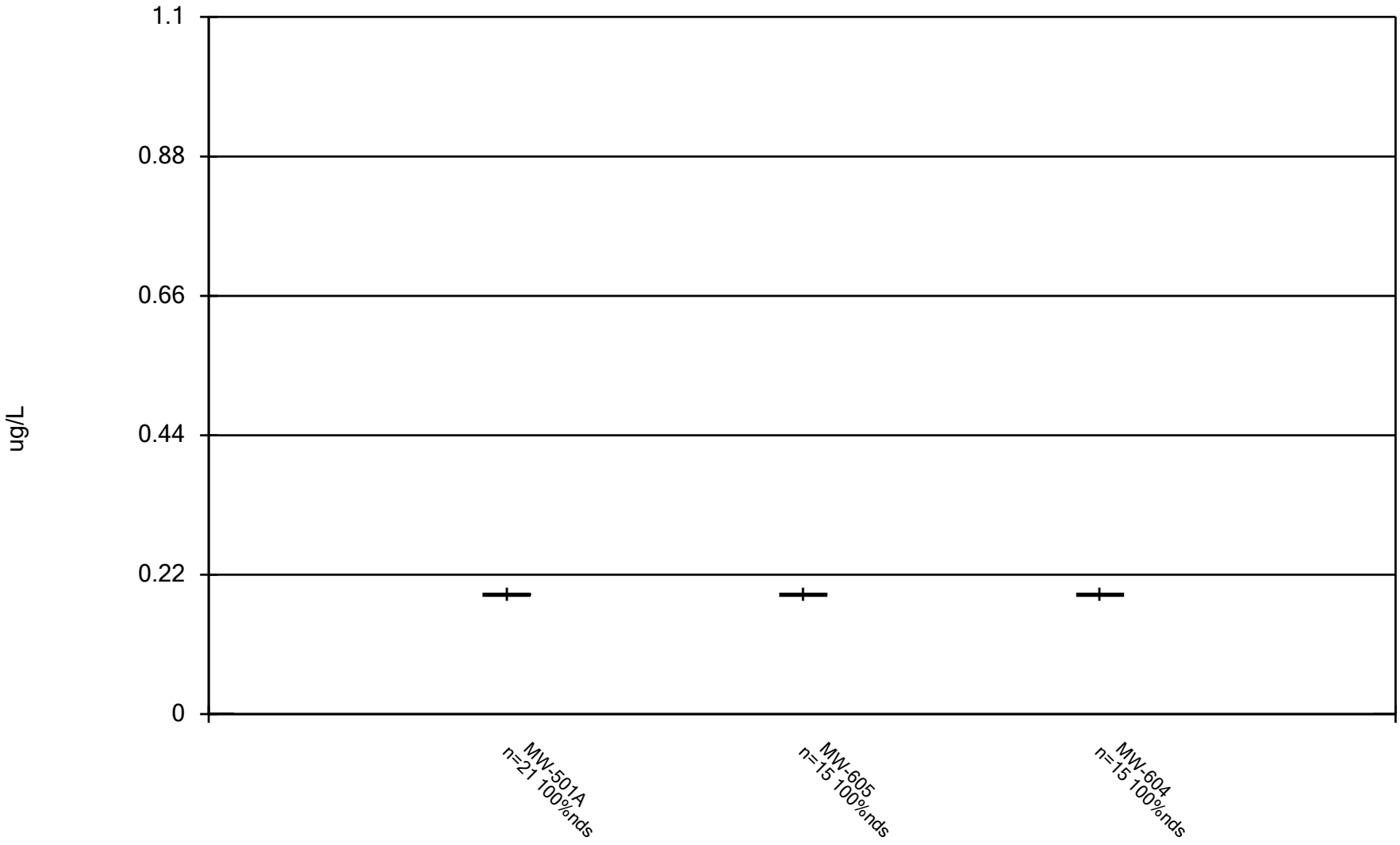
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG

Box & Whiskers Plot



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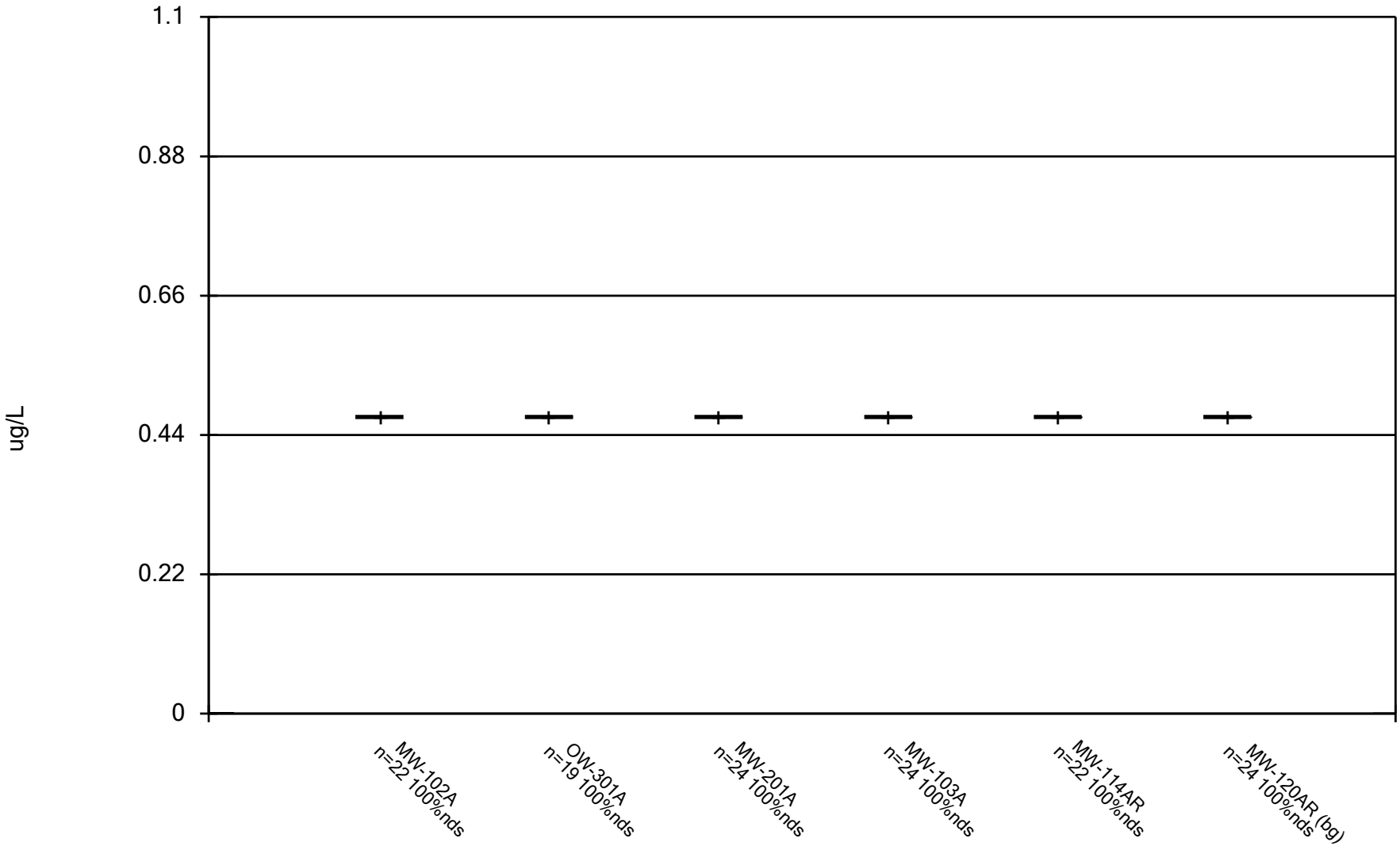
Box & Whiskers Plot



Constituent: 1,1,2,2-Tetrachloroethane Analysis Run 6/12/2025 2:16 PM View: All Wells - Appendix I VOC DMASWA Data: DMASWA Database_Updated

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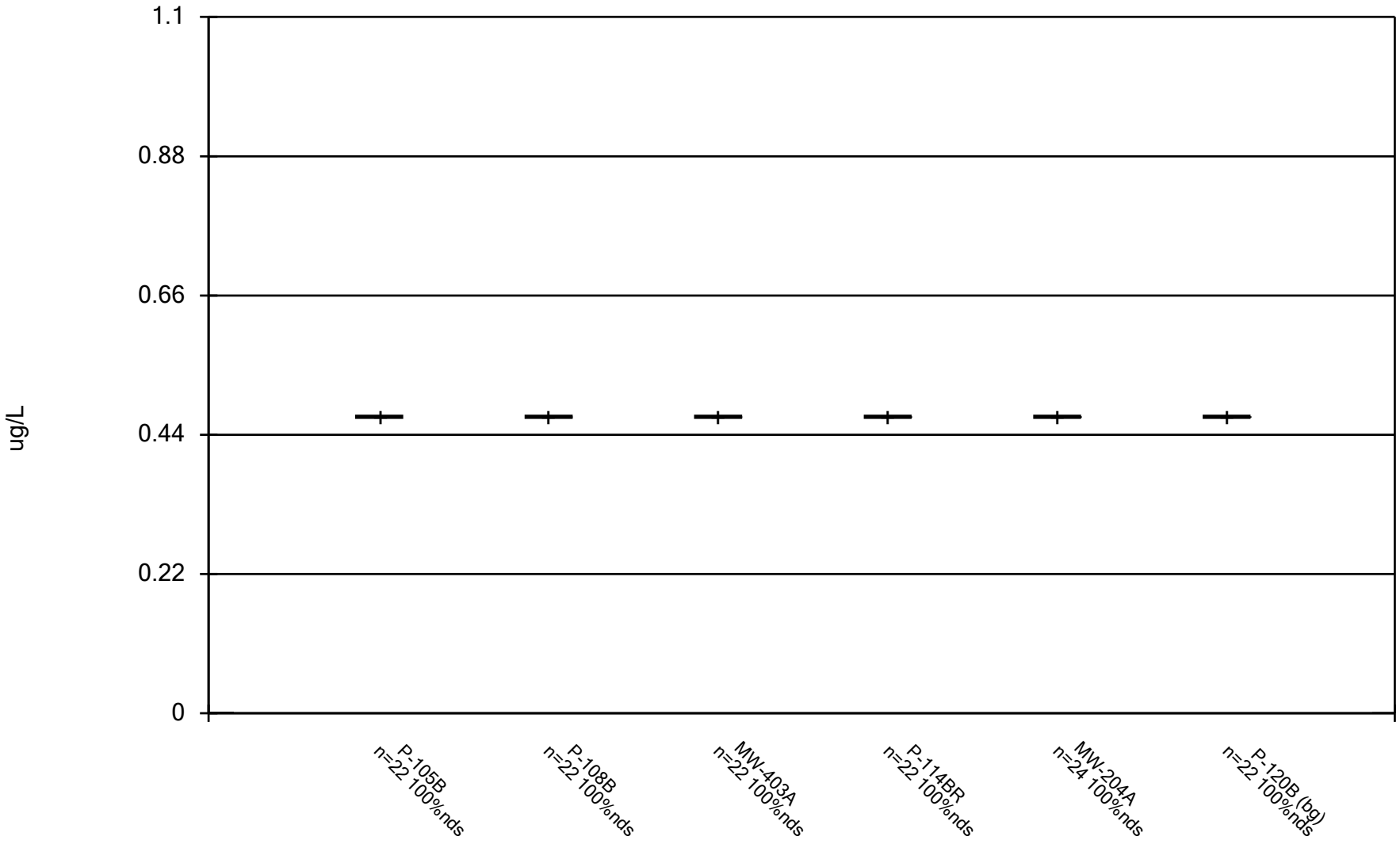
Box & Whiskers Plot



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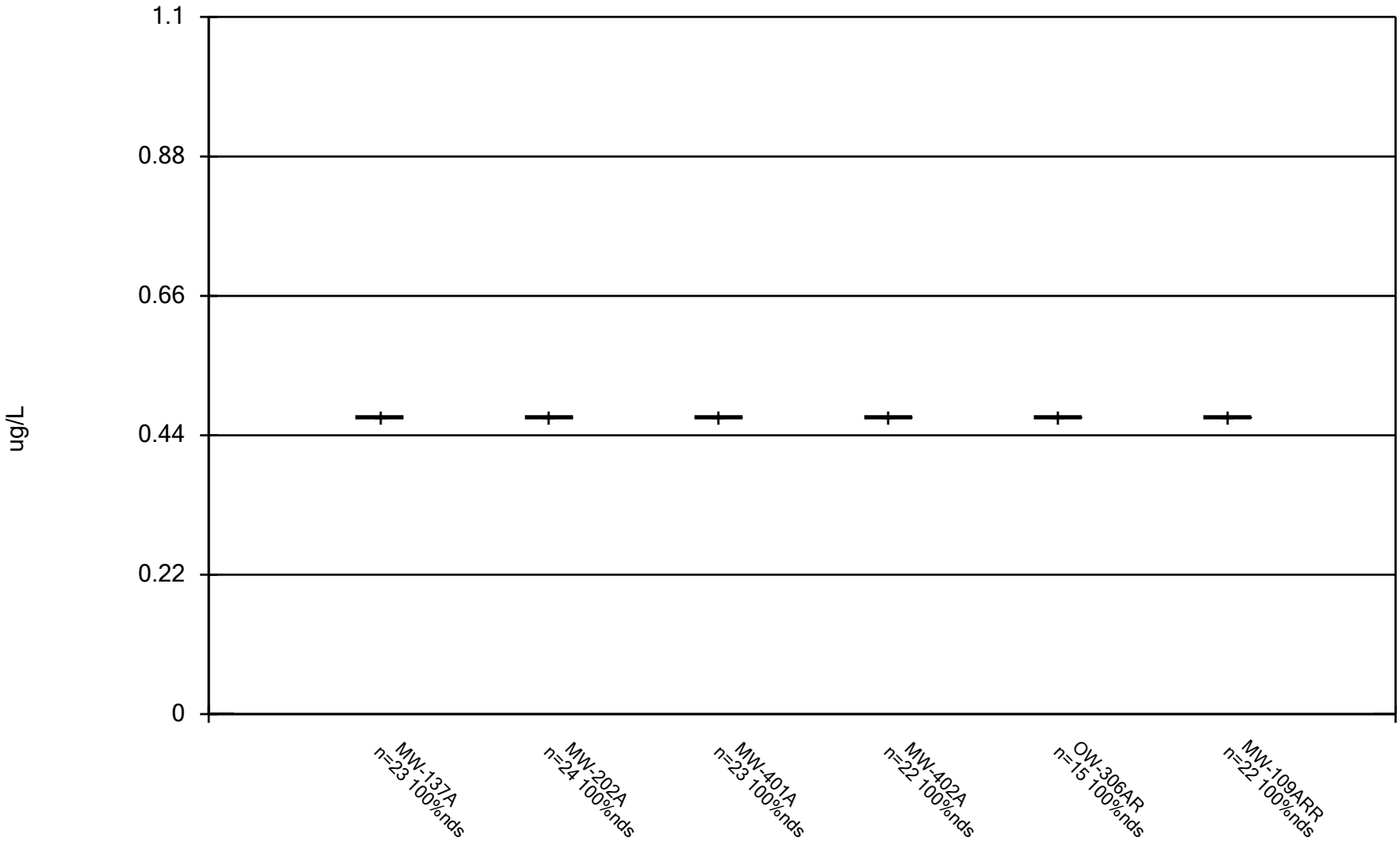
Box & Whiskers Plot



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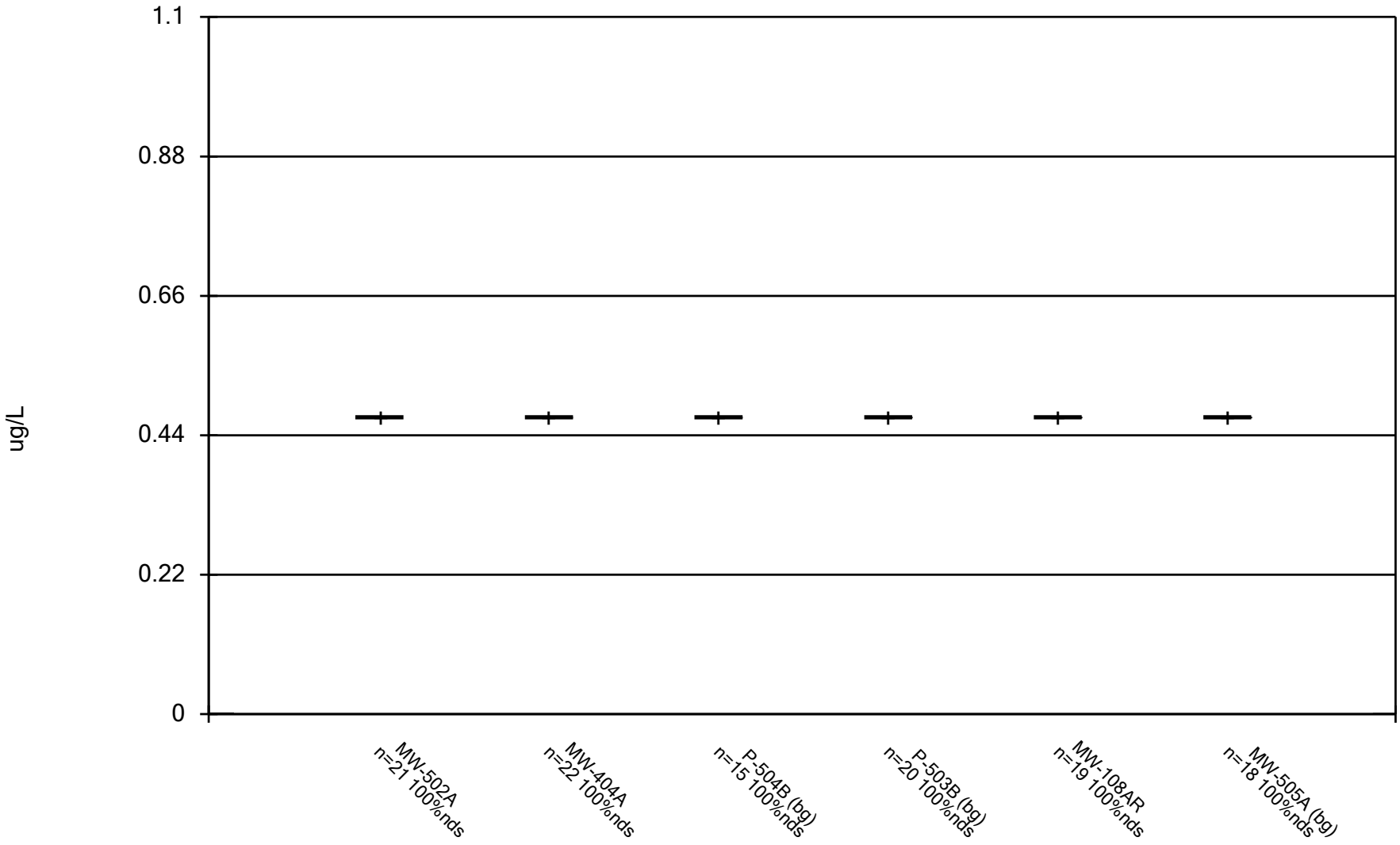
Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG

Box & Whiskers Plot



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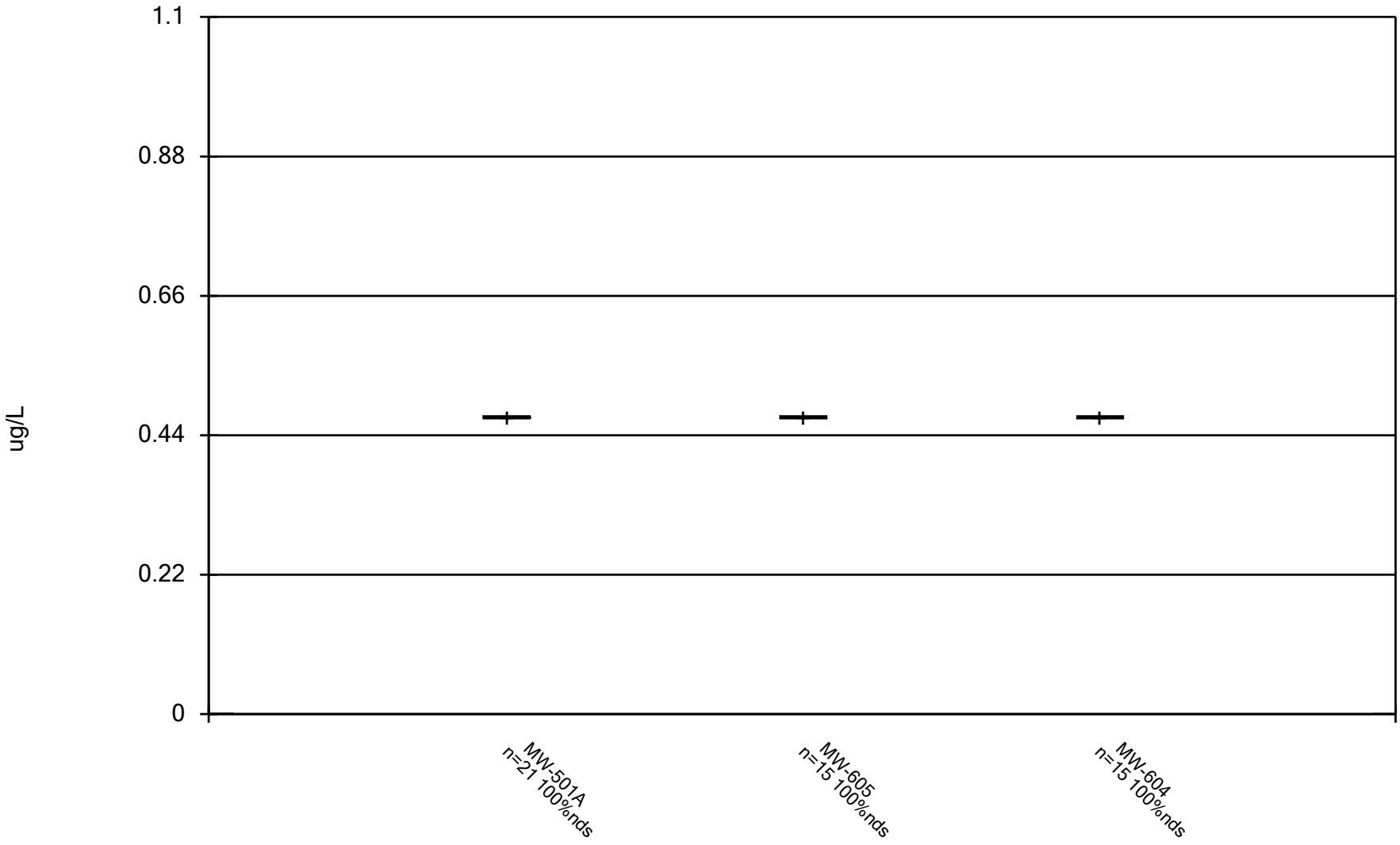
Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG

Box & Whiskers Plot



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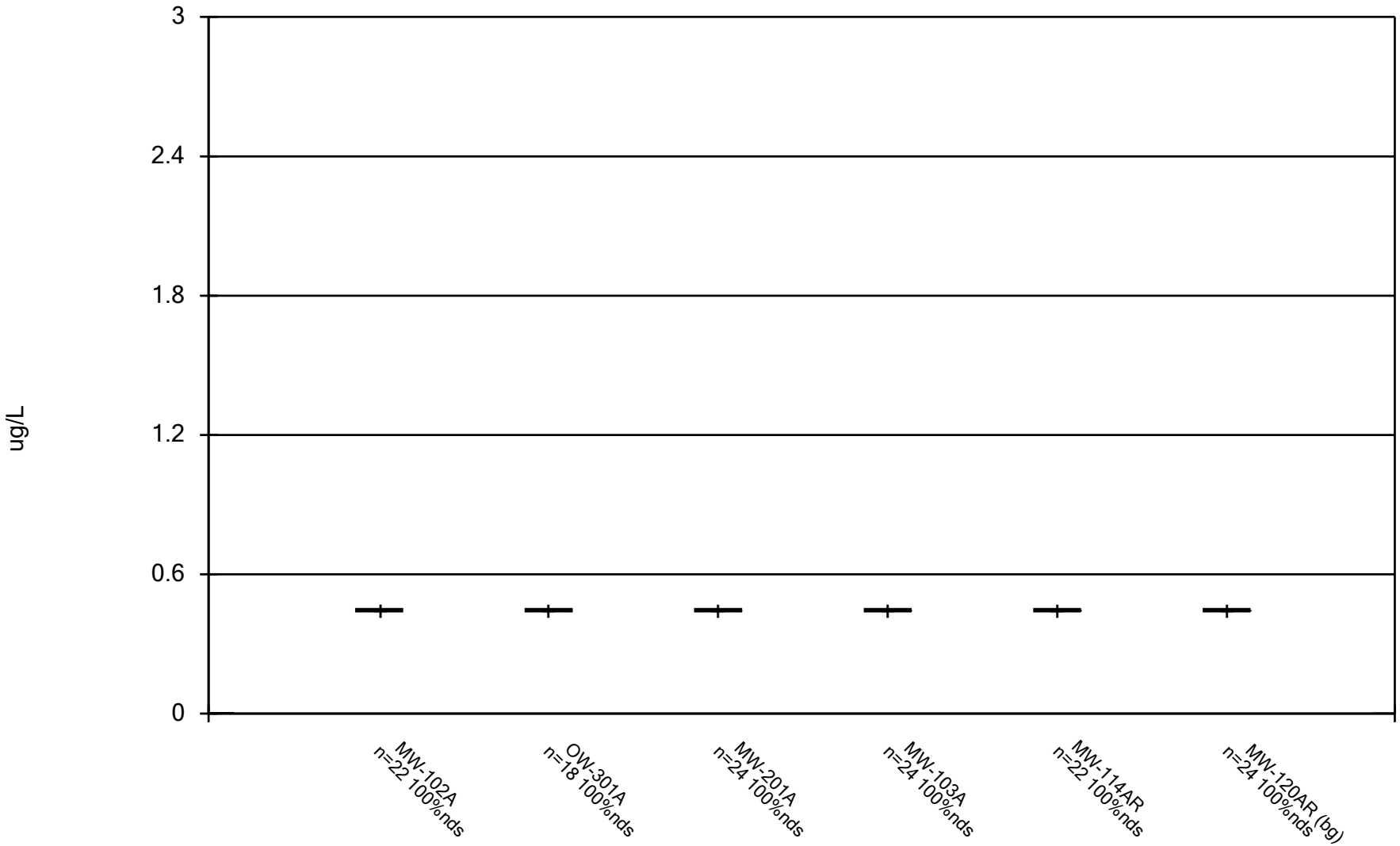
Box & Whiskers Plot



Constituent: 1,1,2-Trichloroethane Analysis Run 6/12/2025 2:16 PM View: All Wells - Appendix I VOCs

DMASWA Data: DMASWA Database_Updated

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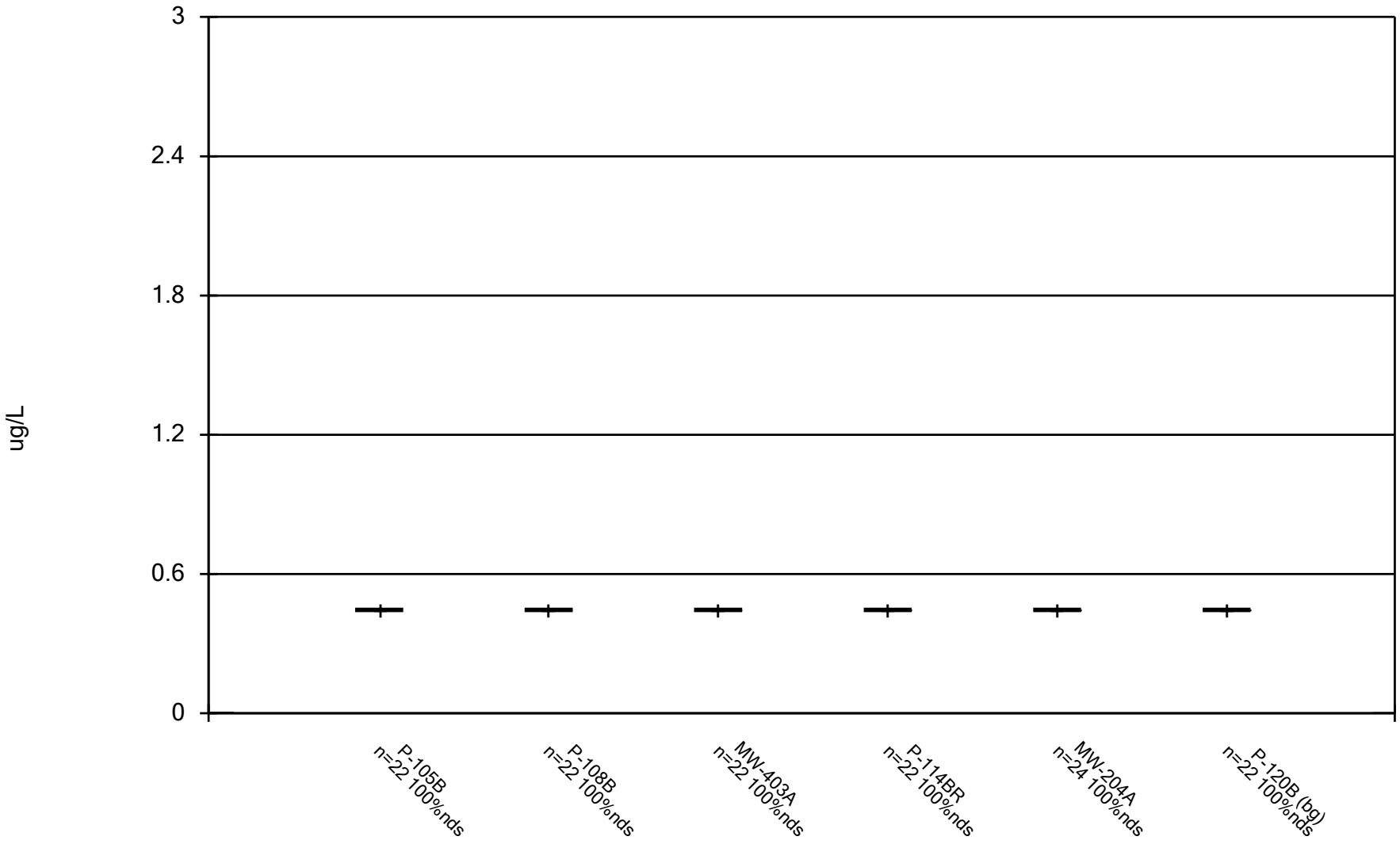
Box & Whiskers Plot



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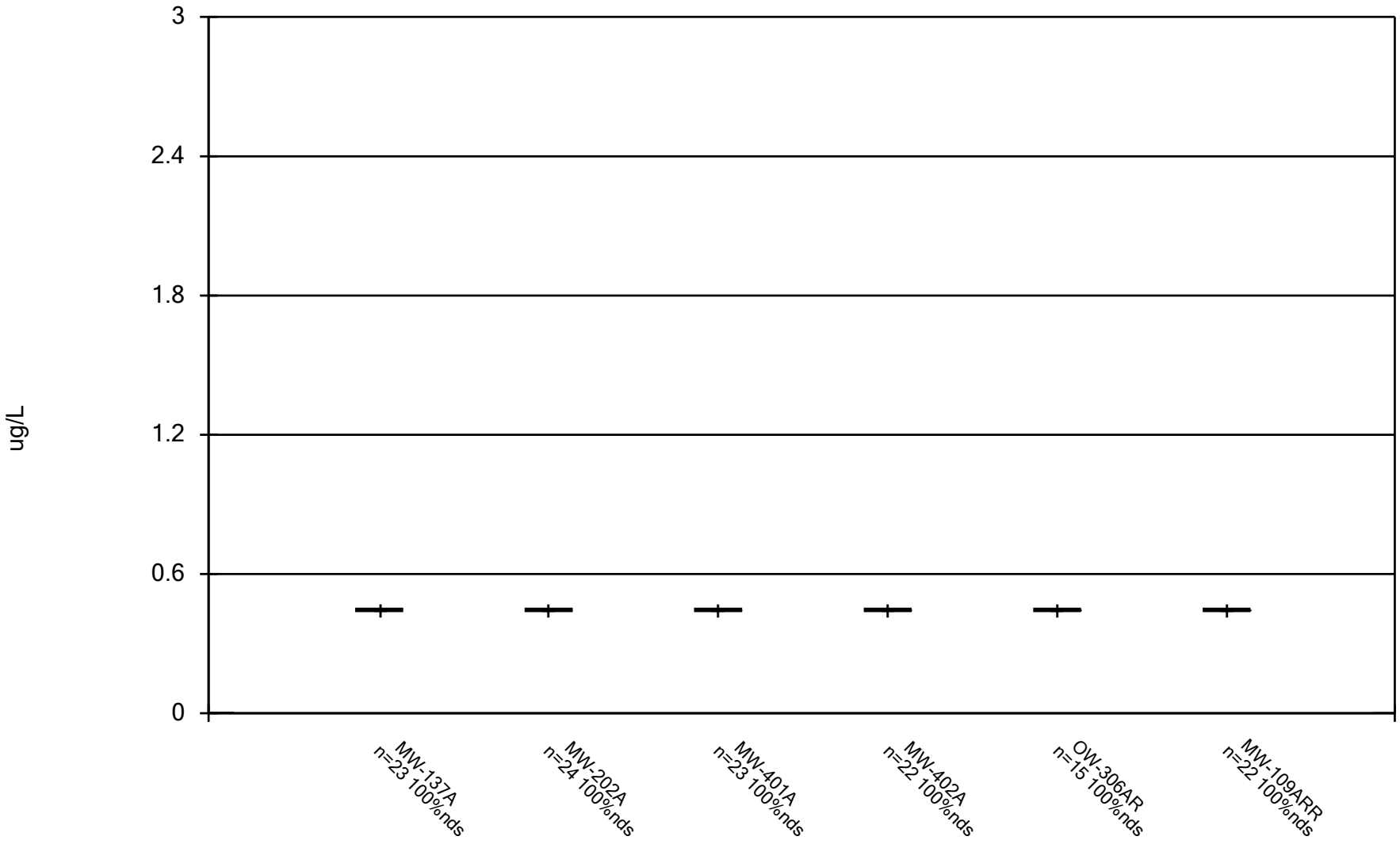
Box & Whiskers Plot



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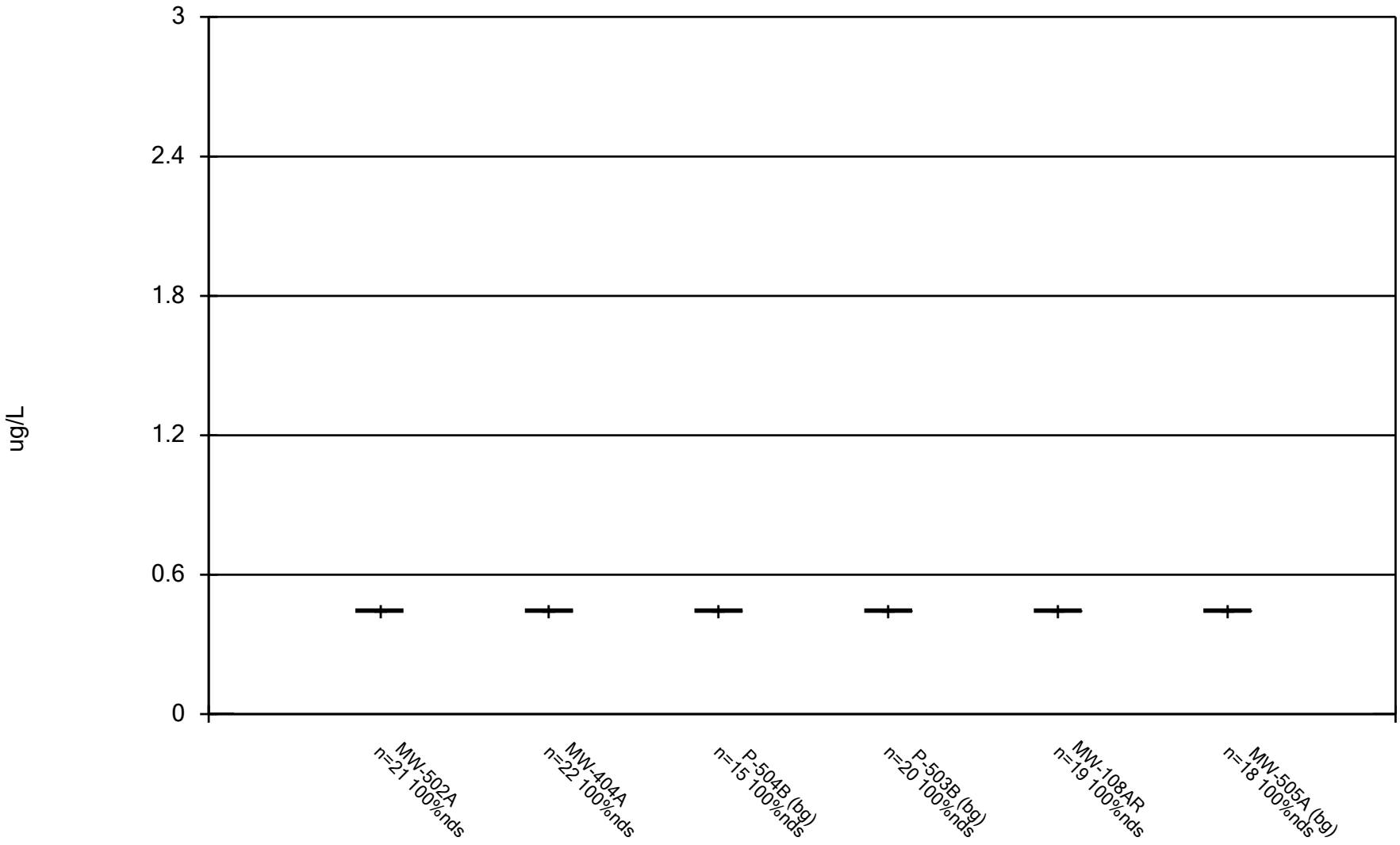
Box & Whiskers Plot



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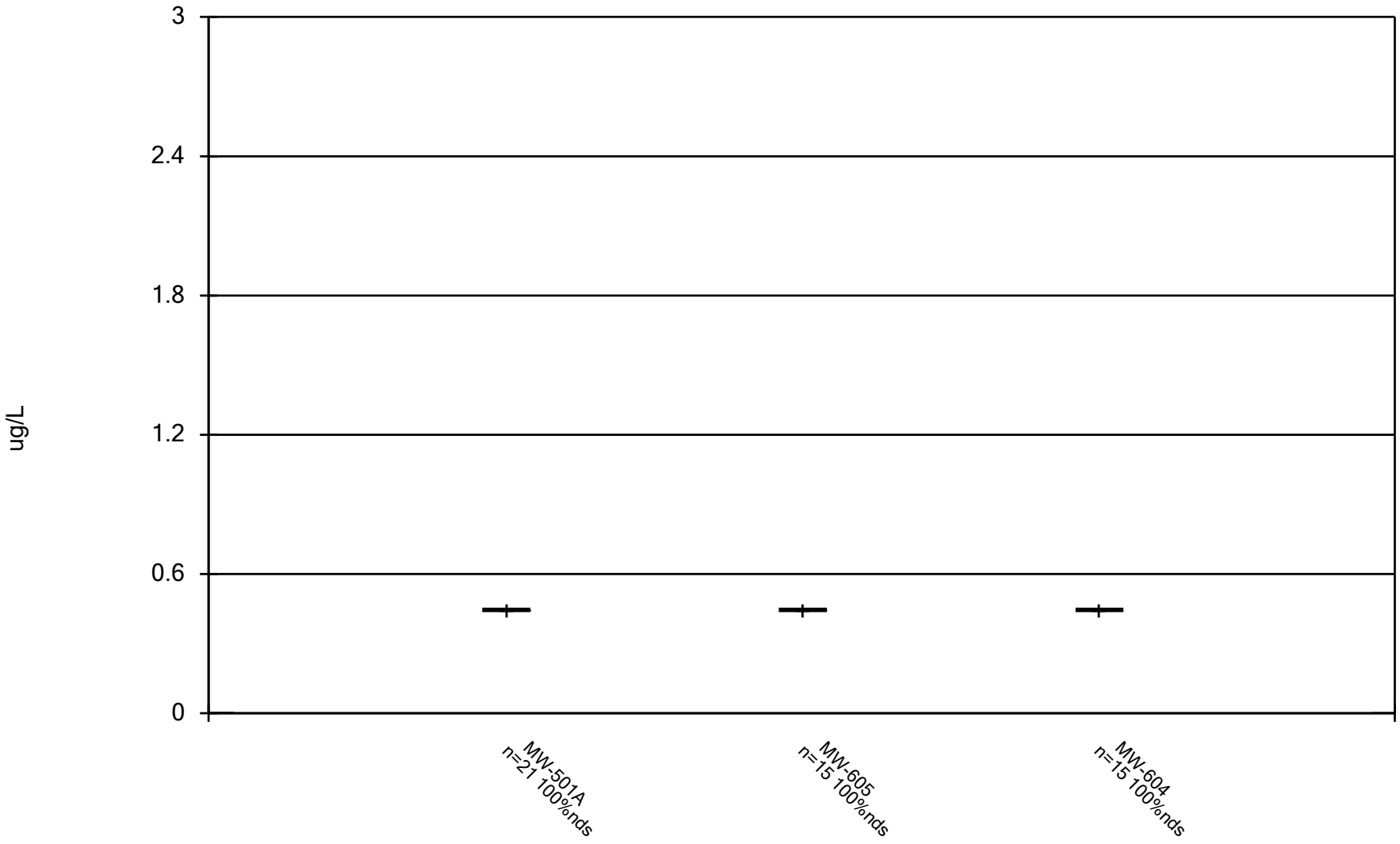
Box & Whiskers Plot



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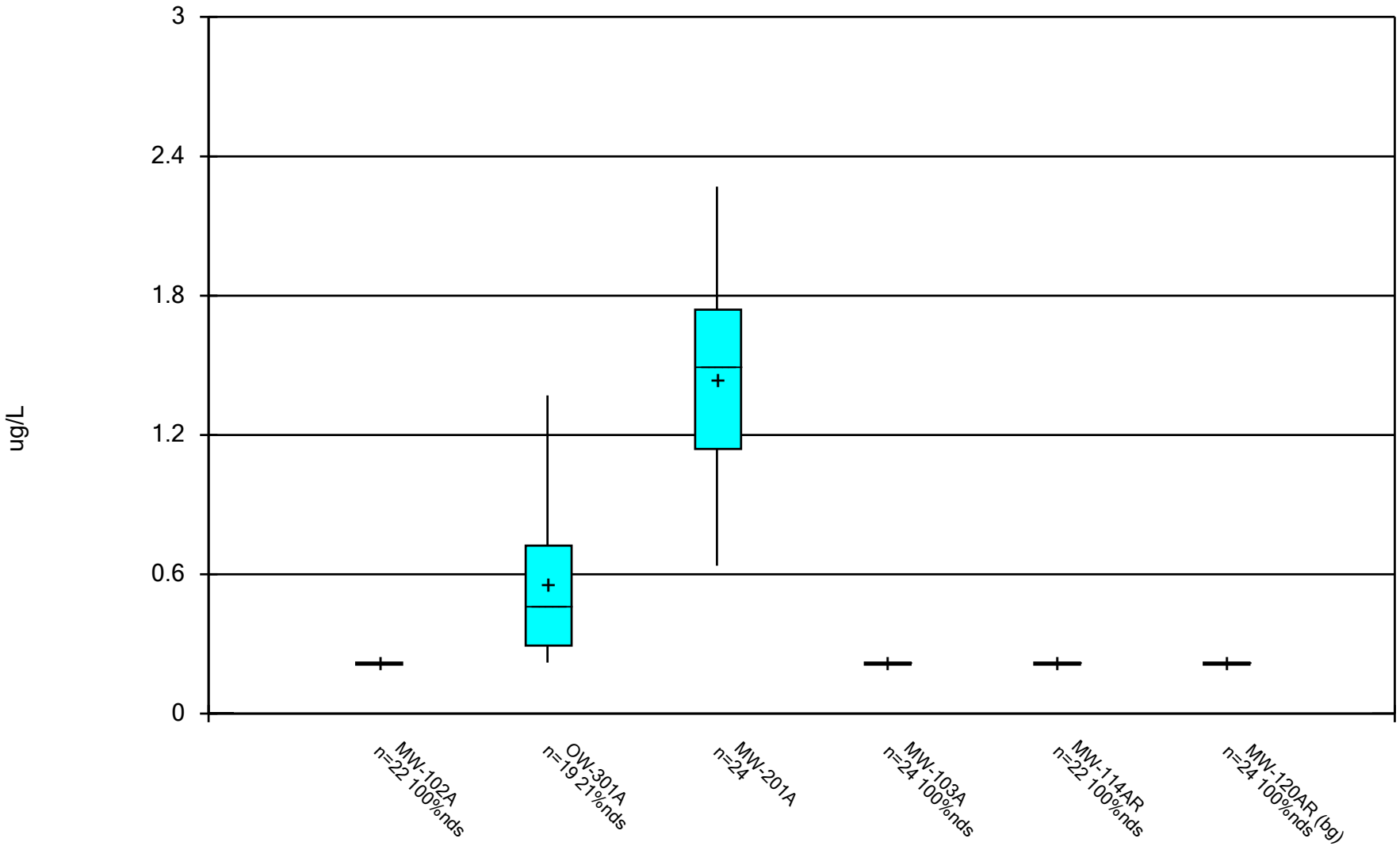
Box & Whiskers Plot



Constituent: 1,1-Dichloroethane Analysis Run 6/12/2025 2:16 PM View: All Wells - Appendix I VOCs

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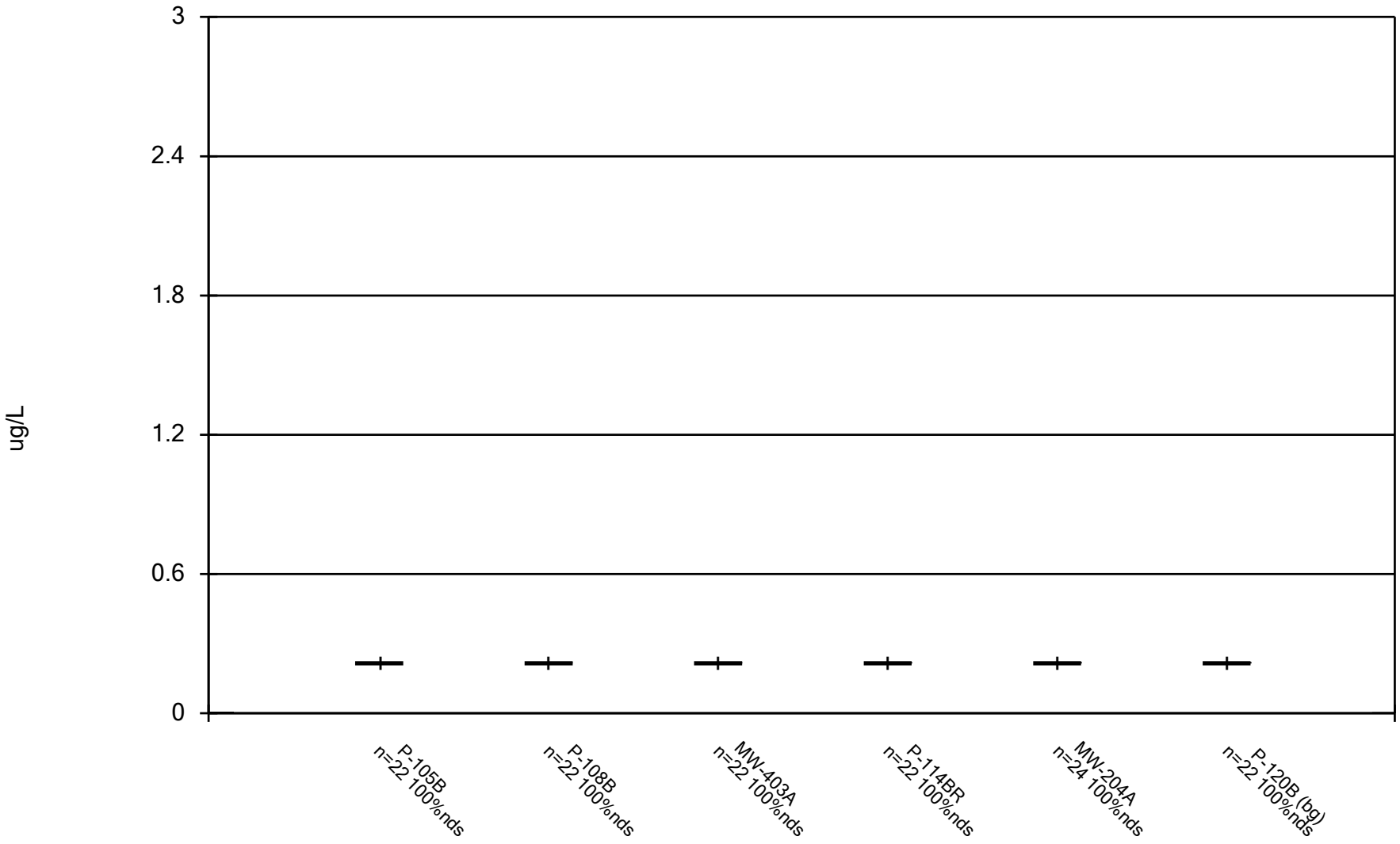
Box & Whiskers Plot



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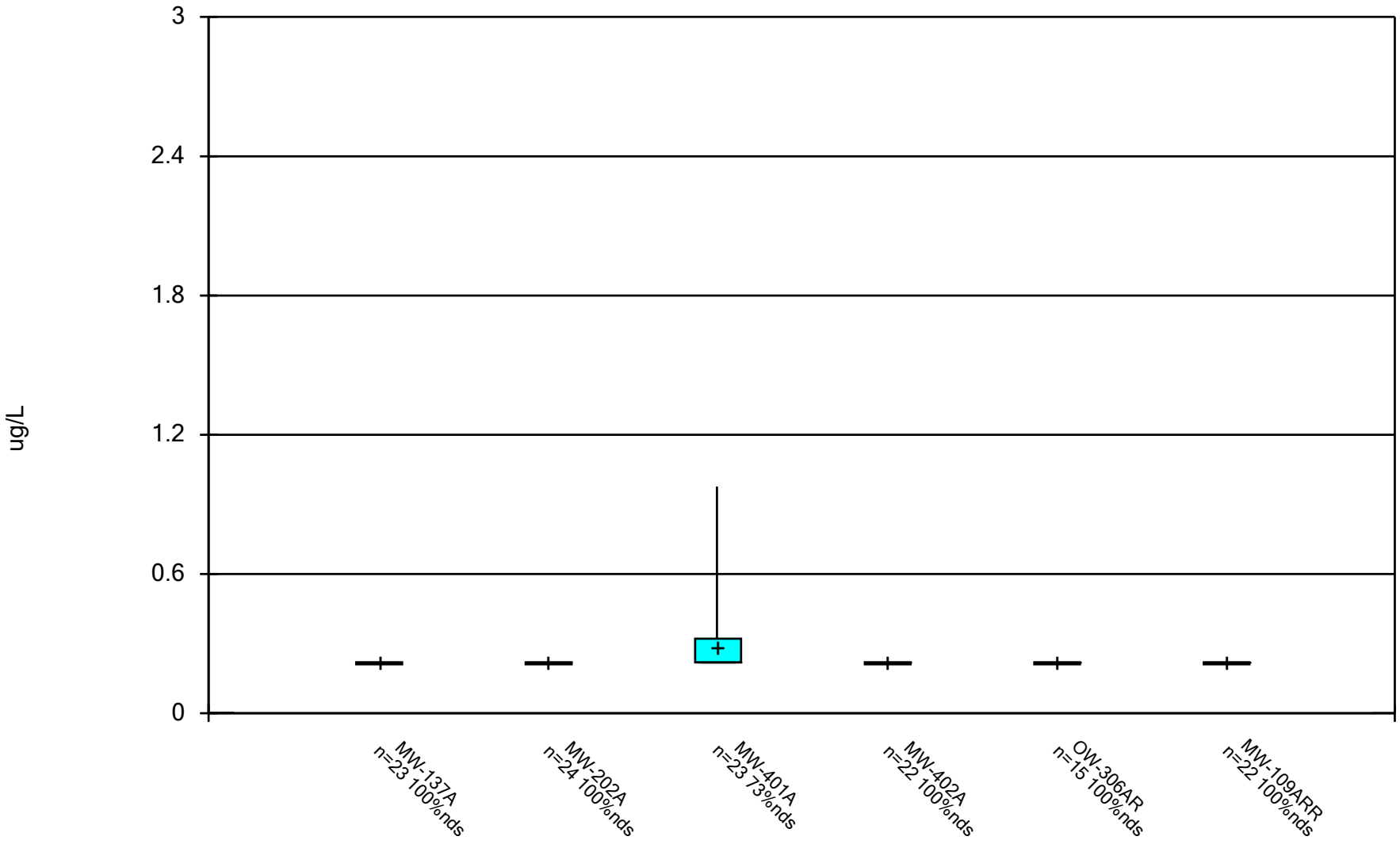
Box & Whiskers Plot



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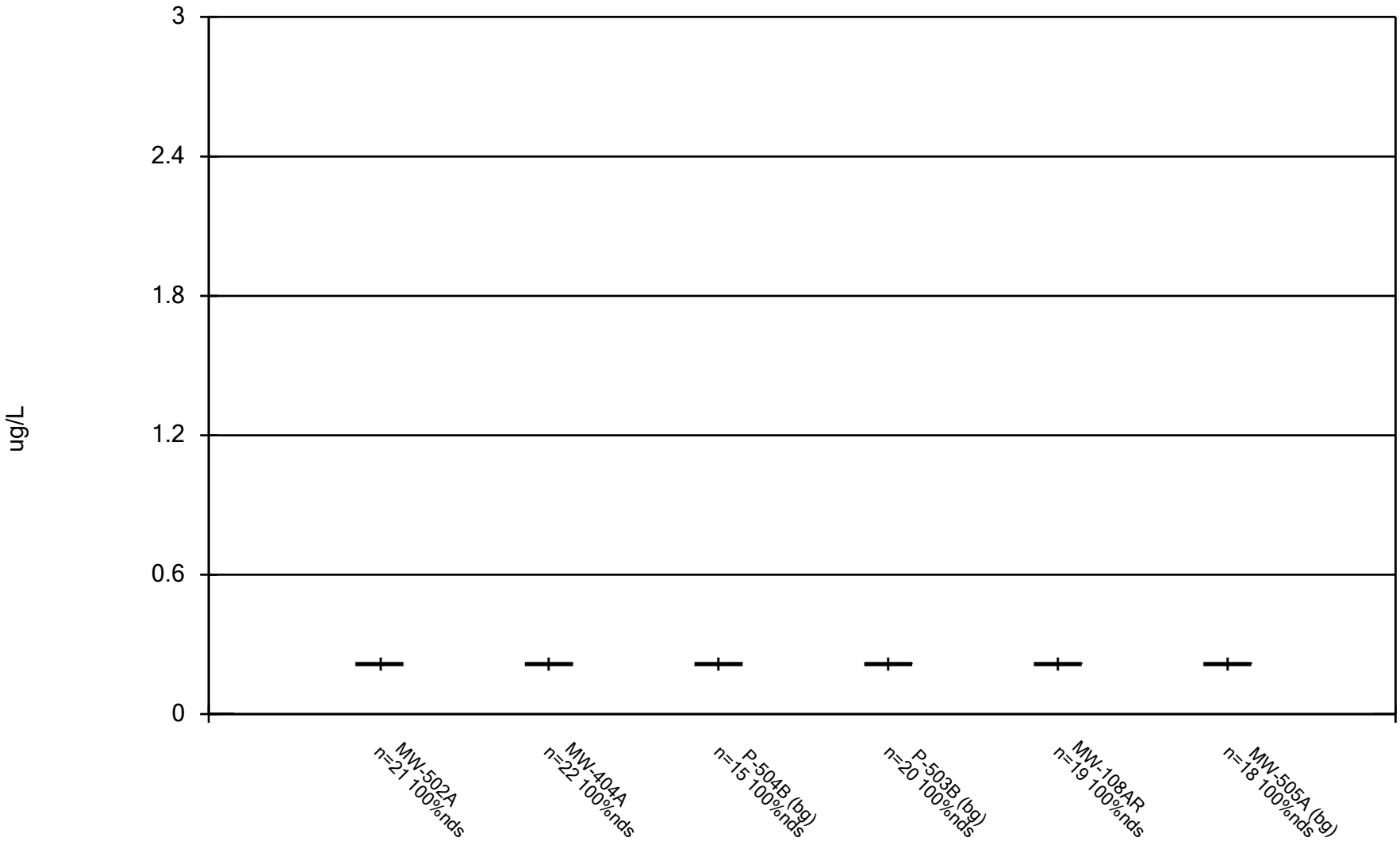
Box & Whiskers Plot



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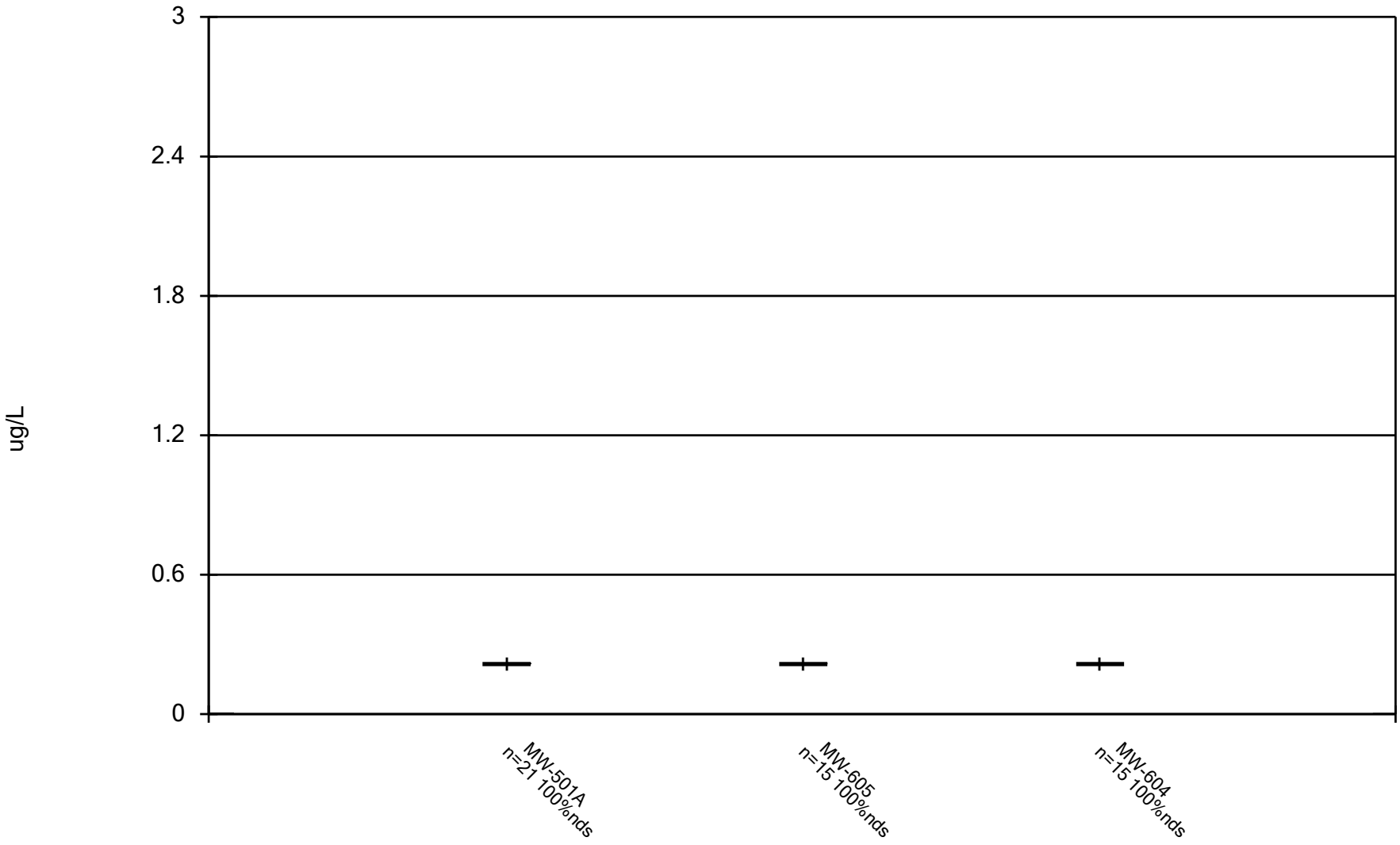
Box & Whiskers Plot



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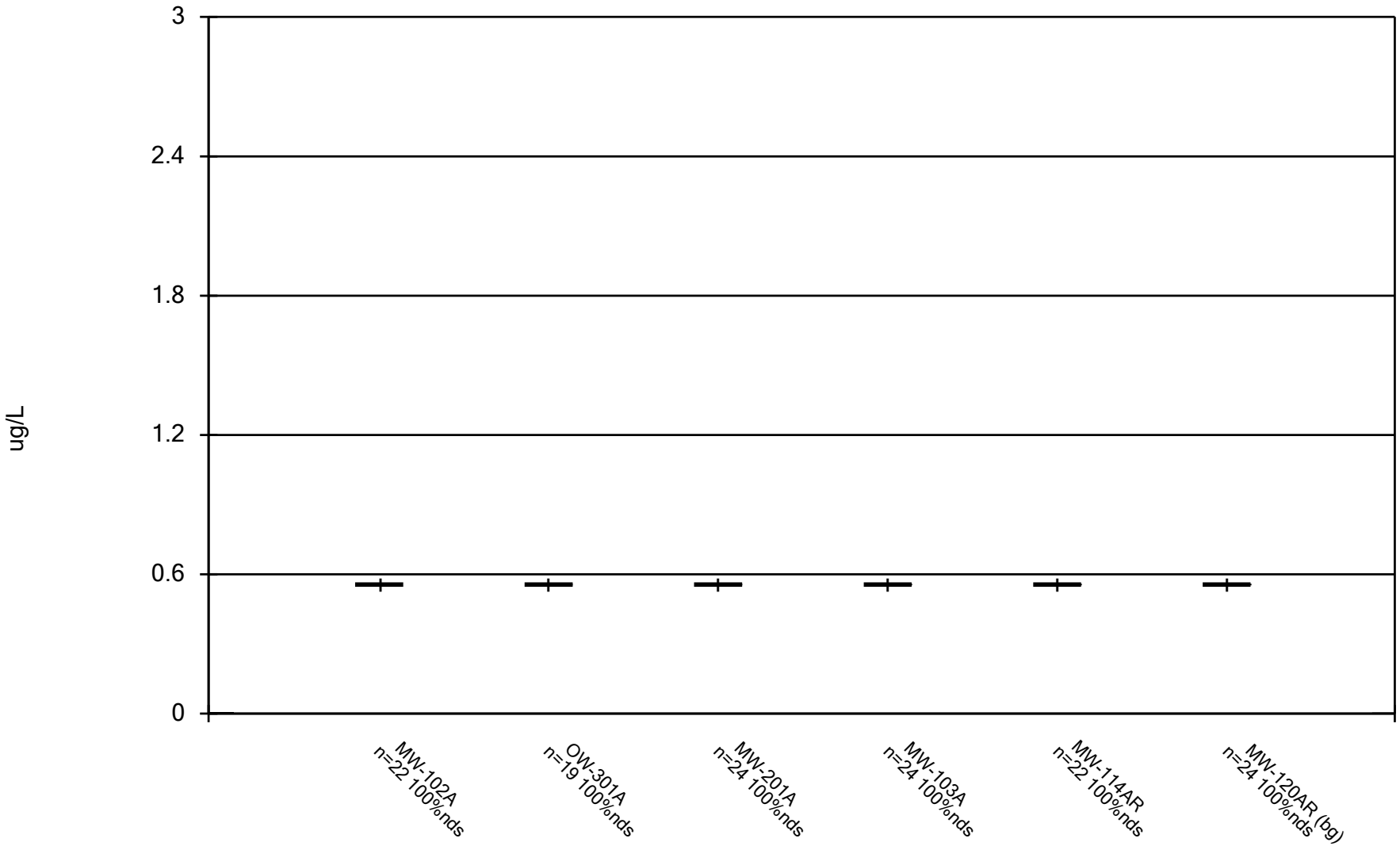
Box & Whiskers Plot



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DMASWA Data: DMASWA Database_Updated

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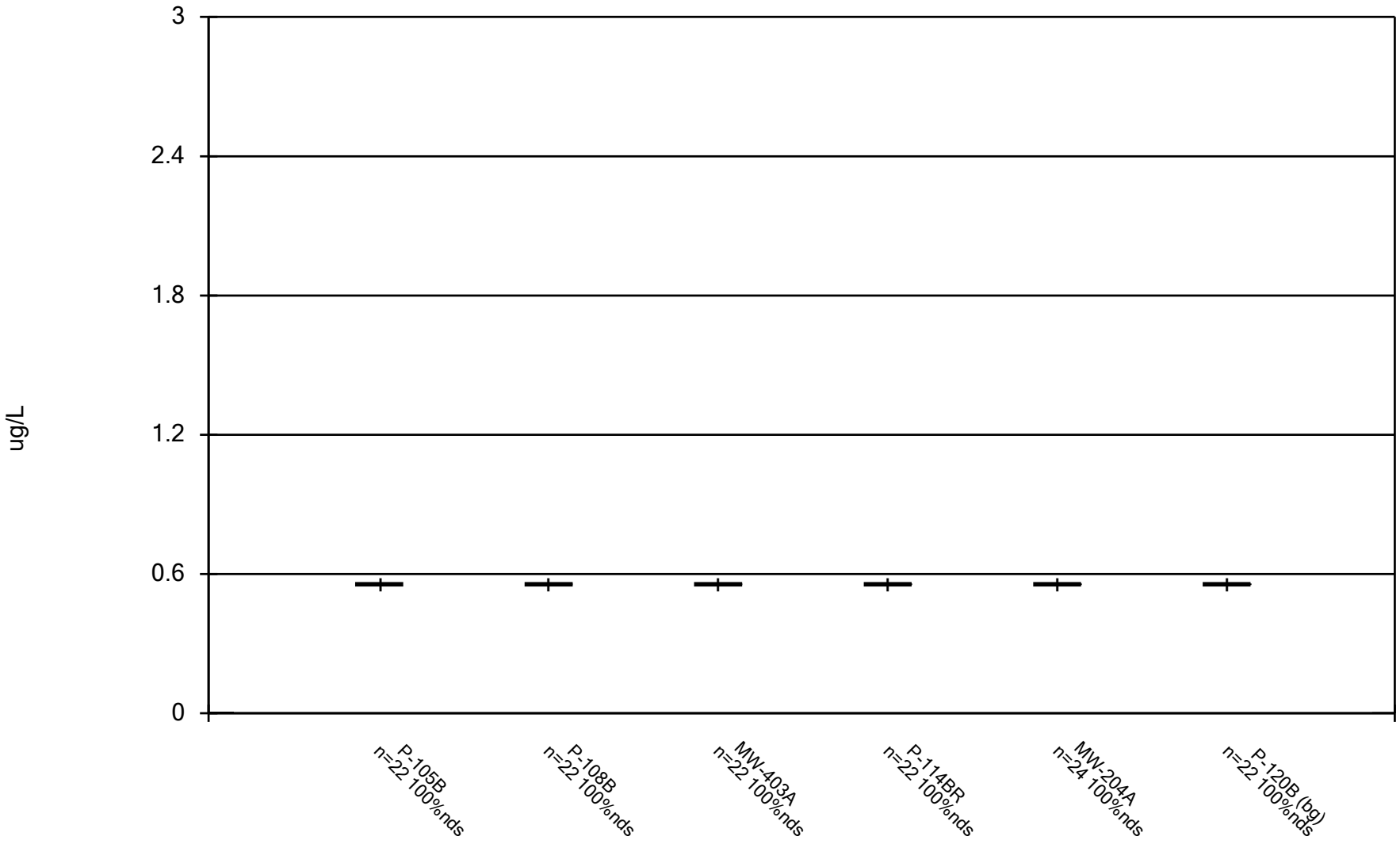
Box & Whiskers Plot



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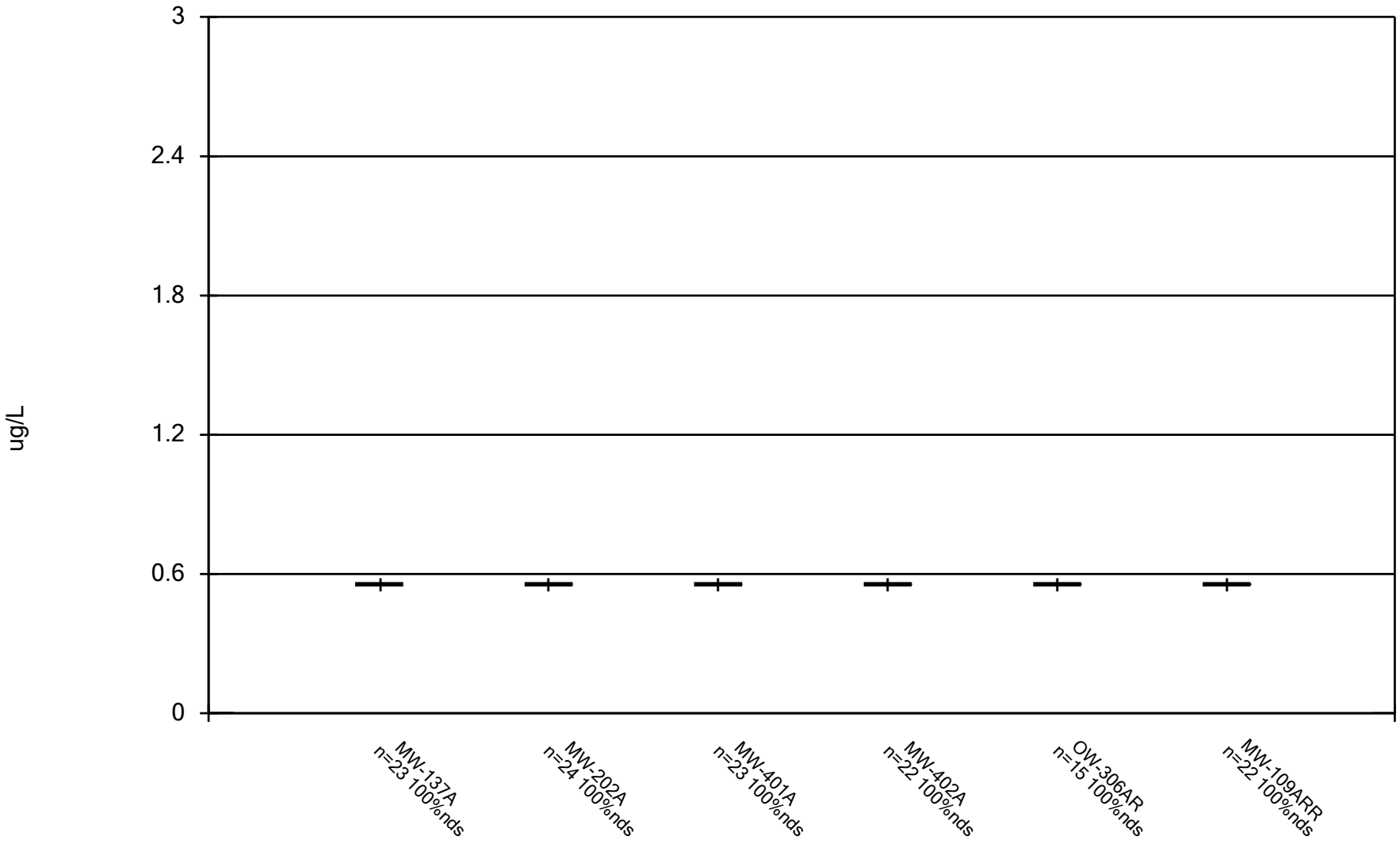
Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG

Box & Whiskers Plot



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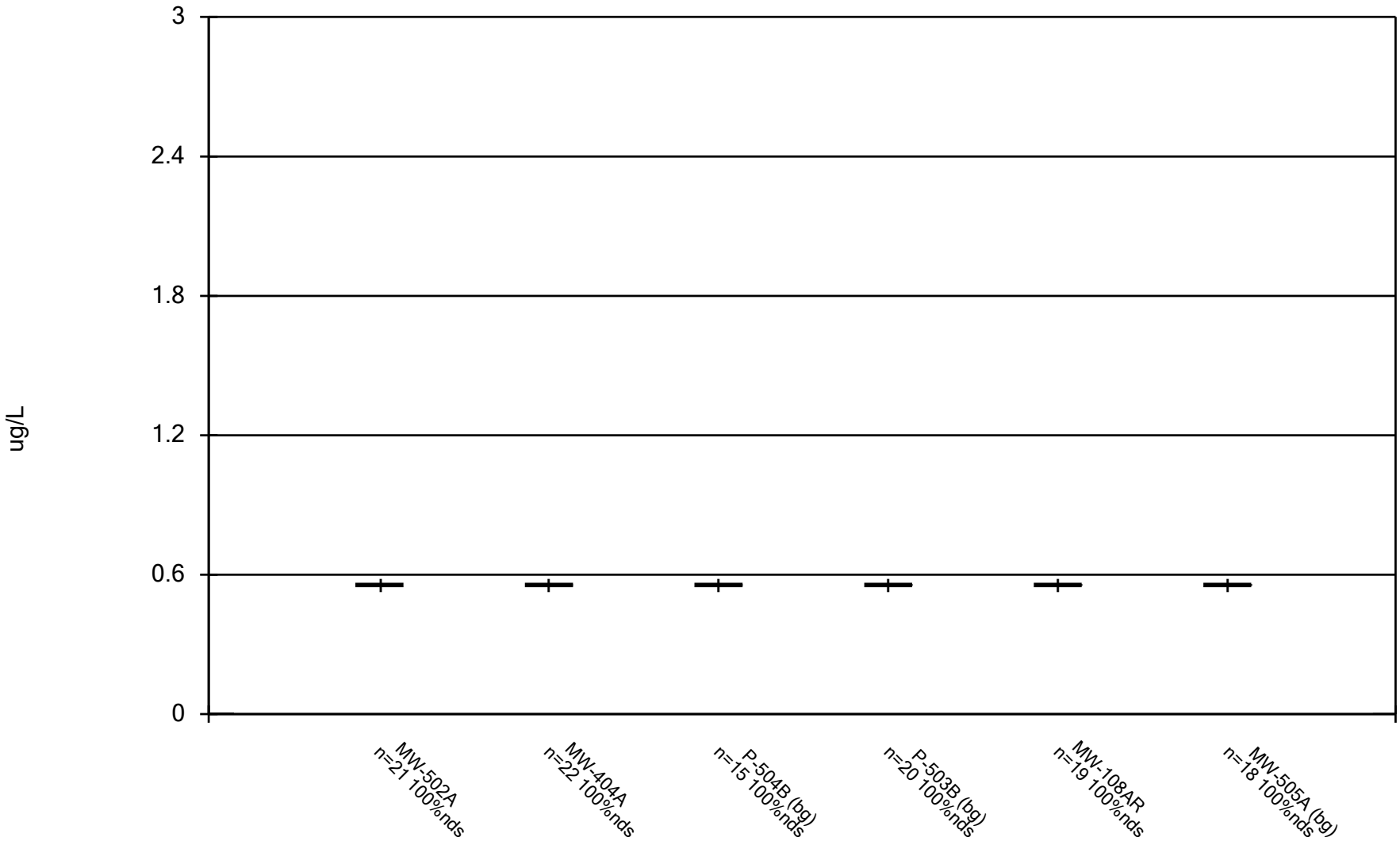
Box & Whiskers Plot



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DMASWA Data: DMASWA Database_Updated

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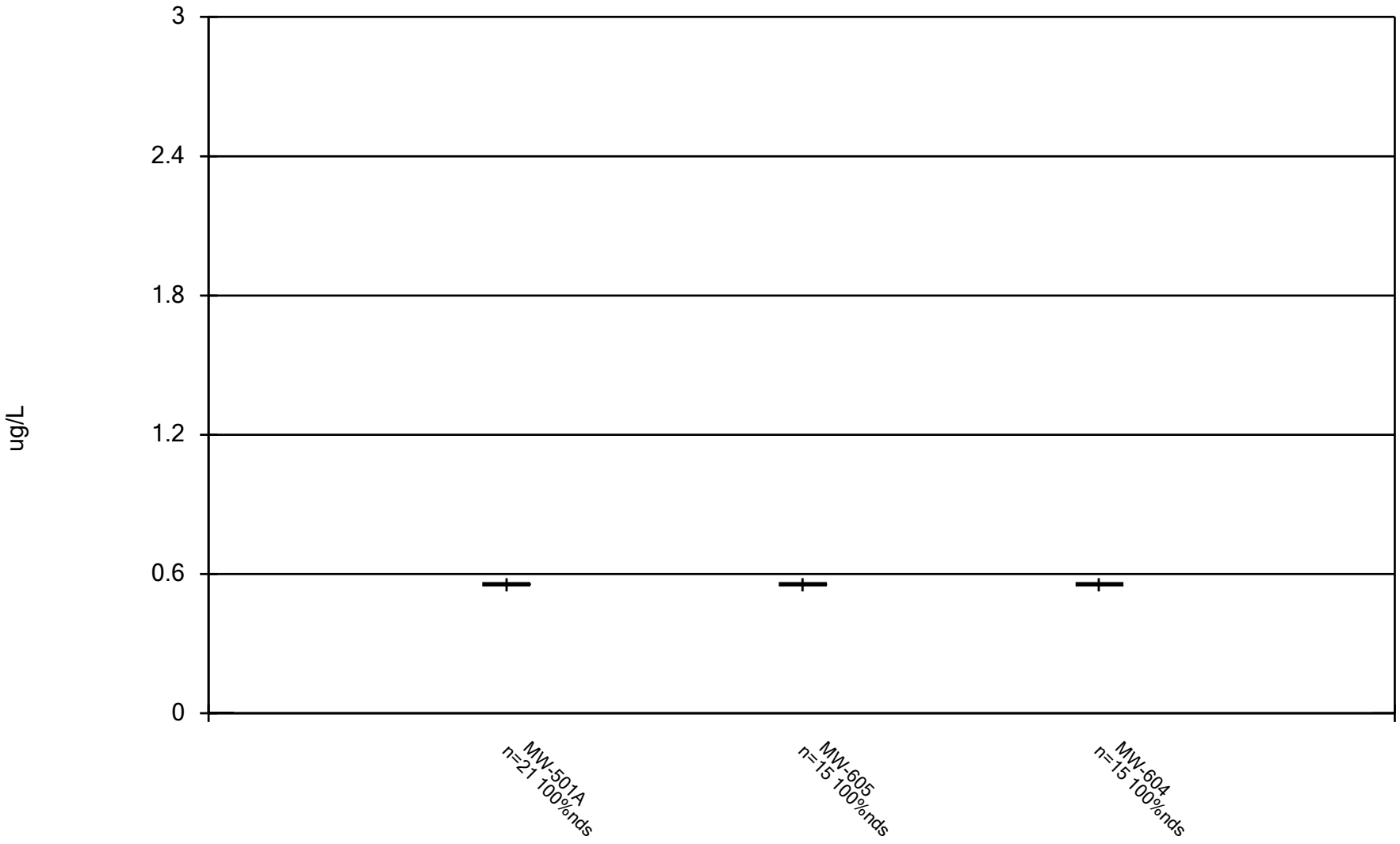
Box & Whiskers Plot



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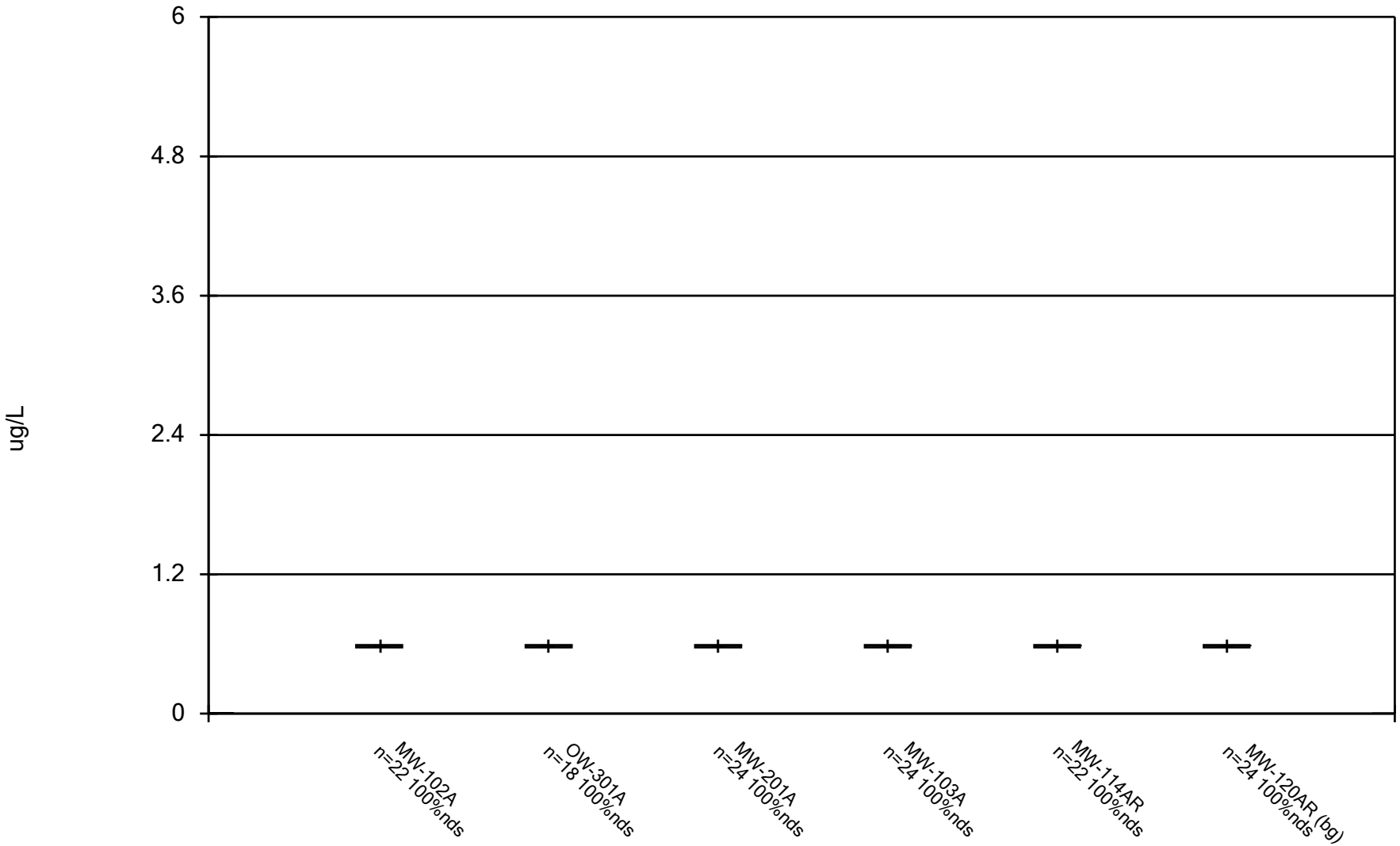
Box & Whiskers Plot



Constituent: 1,2,3-Trichloropropane Analysis Run 6/12/2025 2:16 PM View: All Wells - Appendix I VOCs

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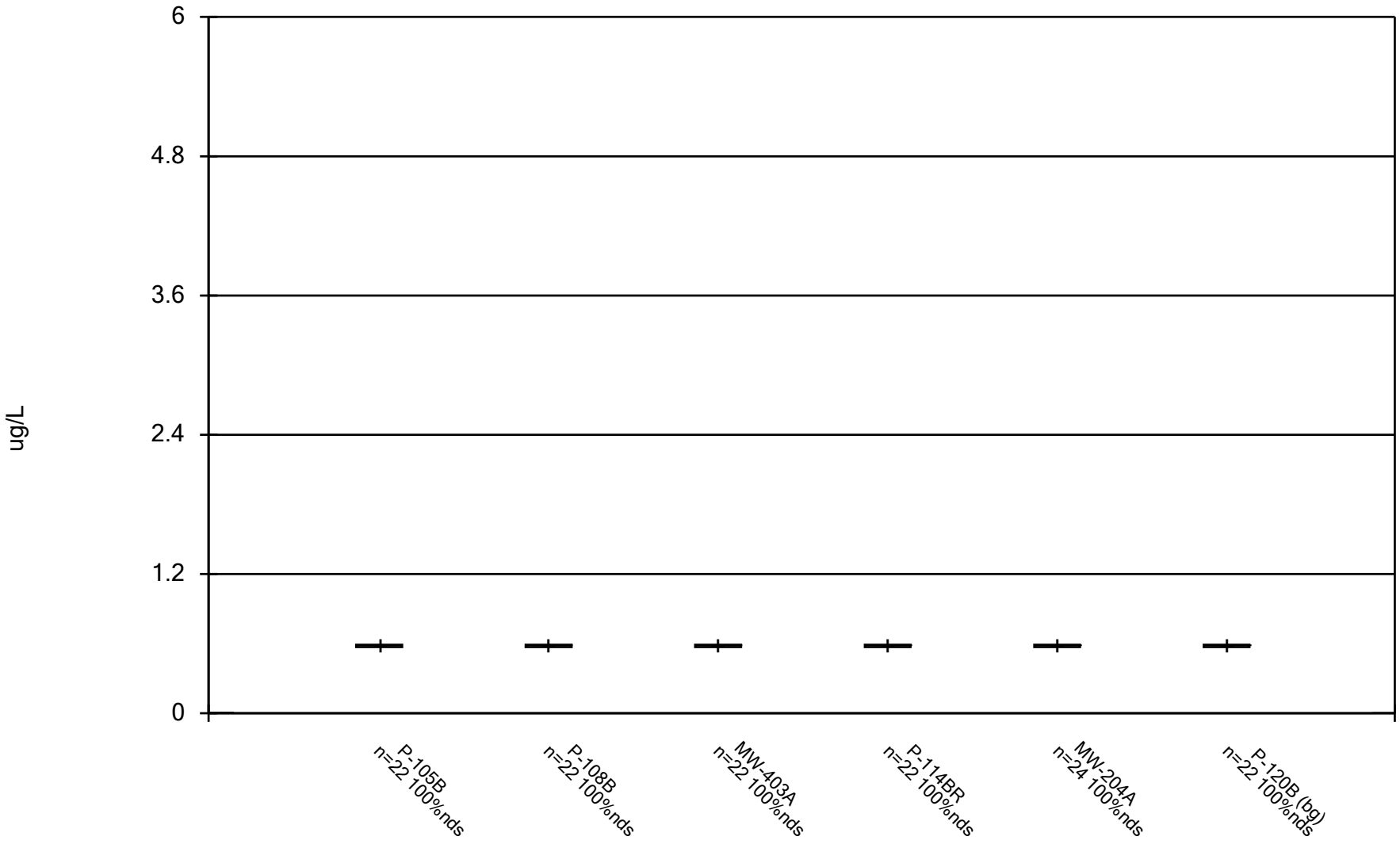
Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG

Box & Whiskers Plot



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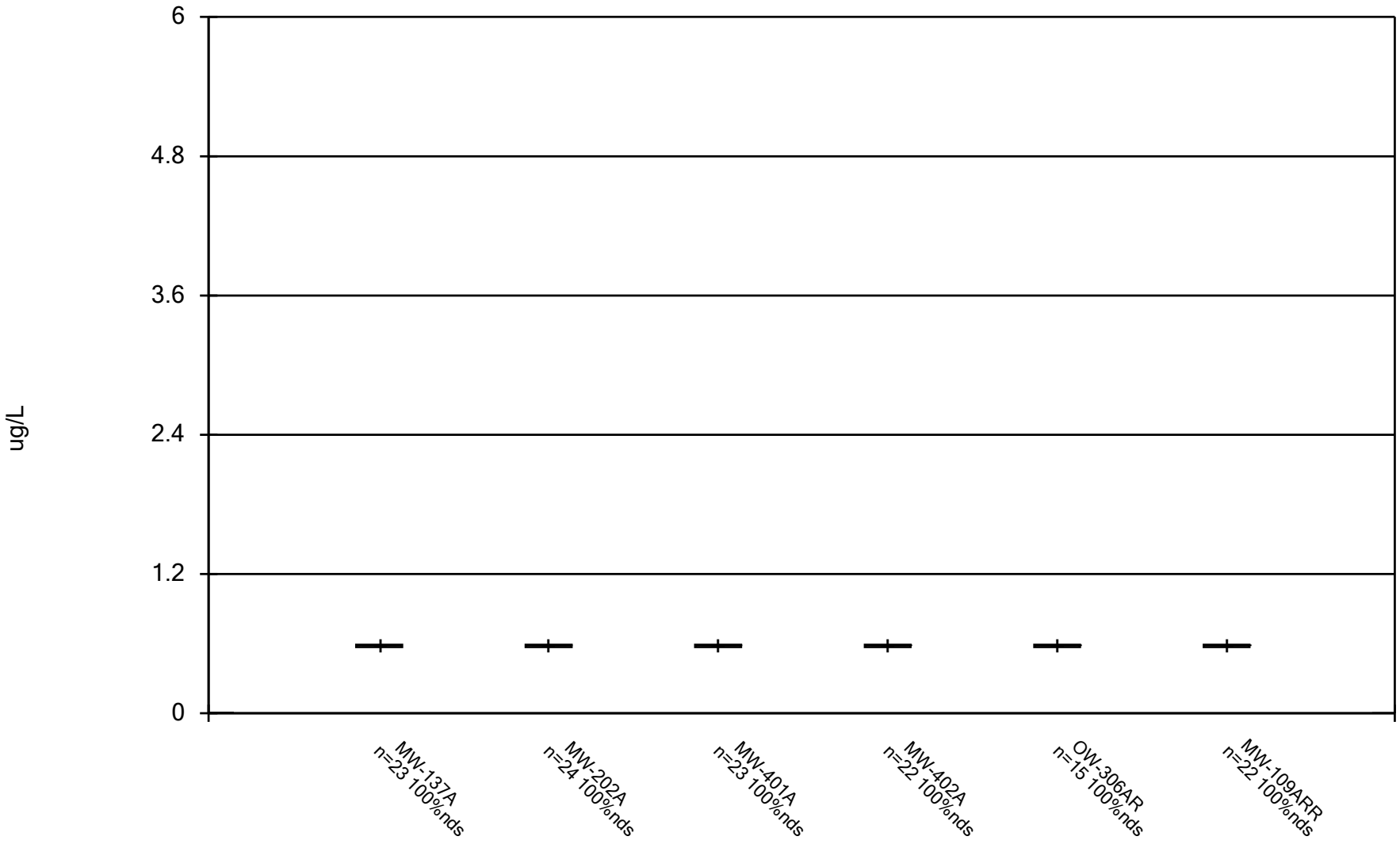
Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG

Box & Whiskers Plot



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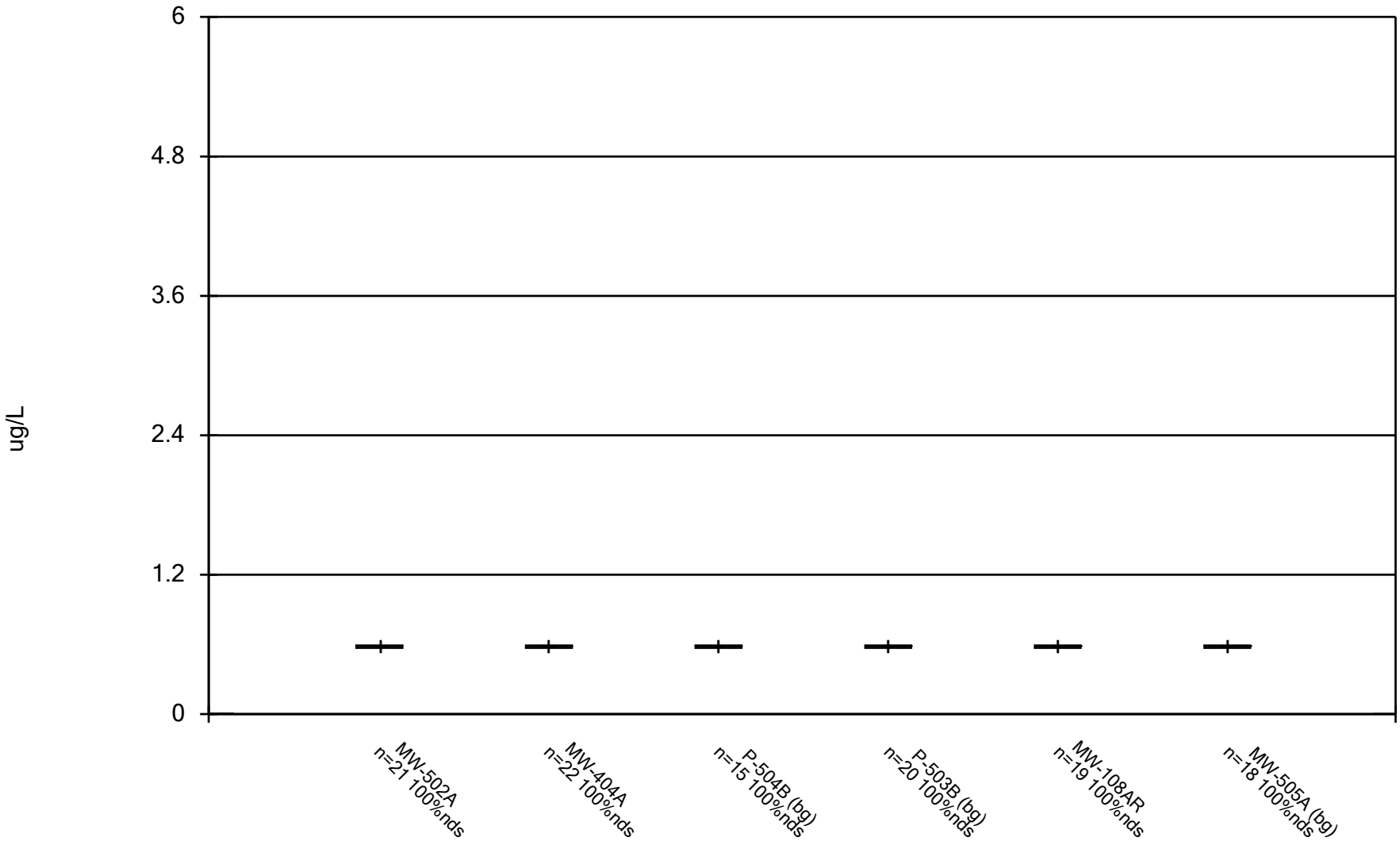
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG

Box & Whiskers Plot



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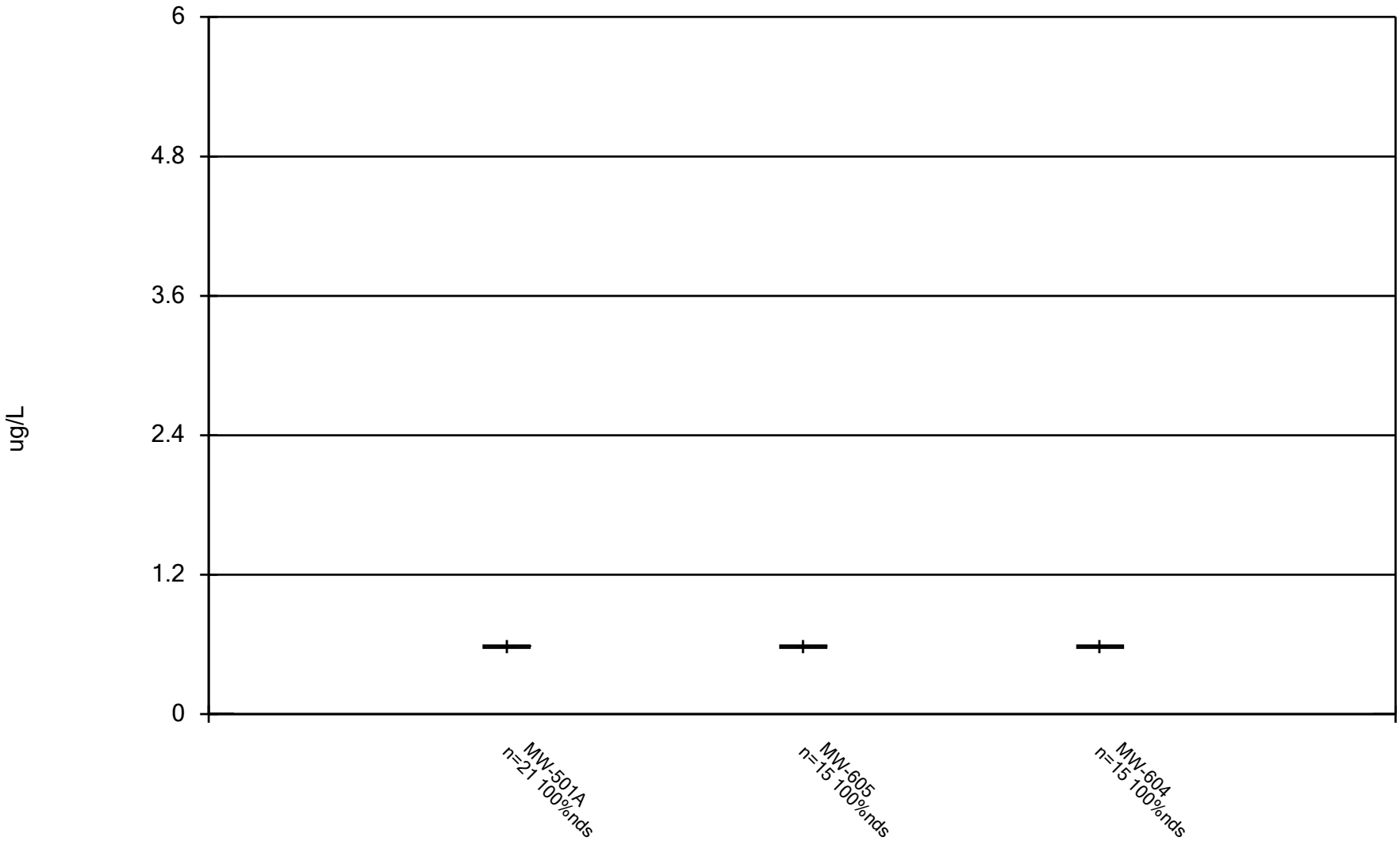
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG

Box & Whiskers Plot



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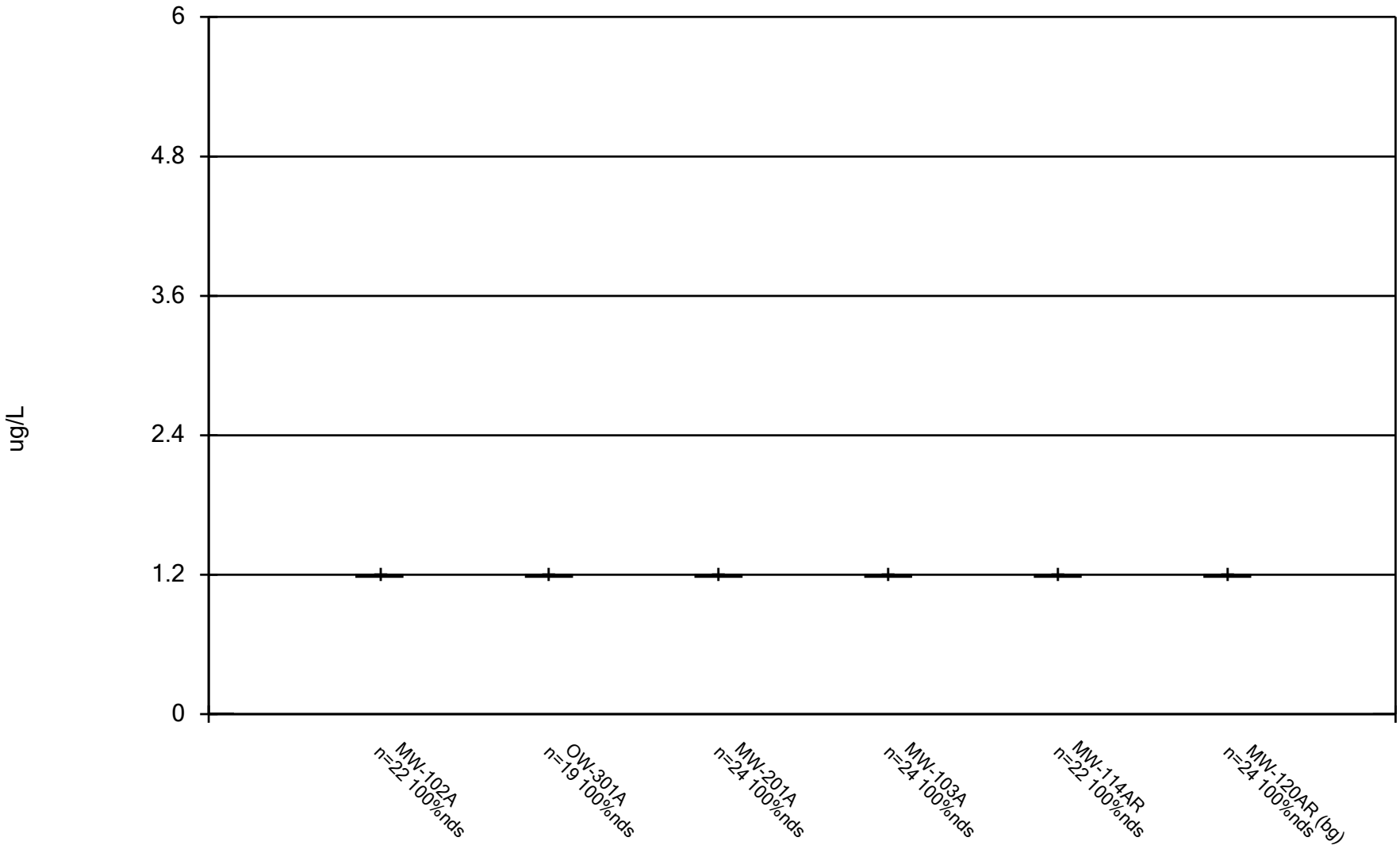
DMASWA Data: DMASWA Database_Updated

Box & Whiskers Plot



Constituent: 1,2-Dibromo-3-chloropropane Analysis Run 6/12/2025 2:16 PM View: All Wells - Appendix I V DMASWA Data: DMASWA Database_Updated

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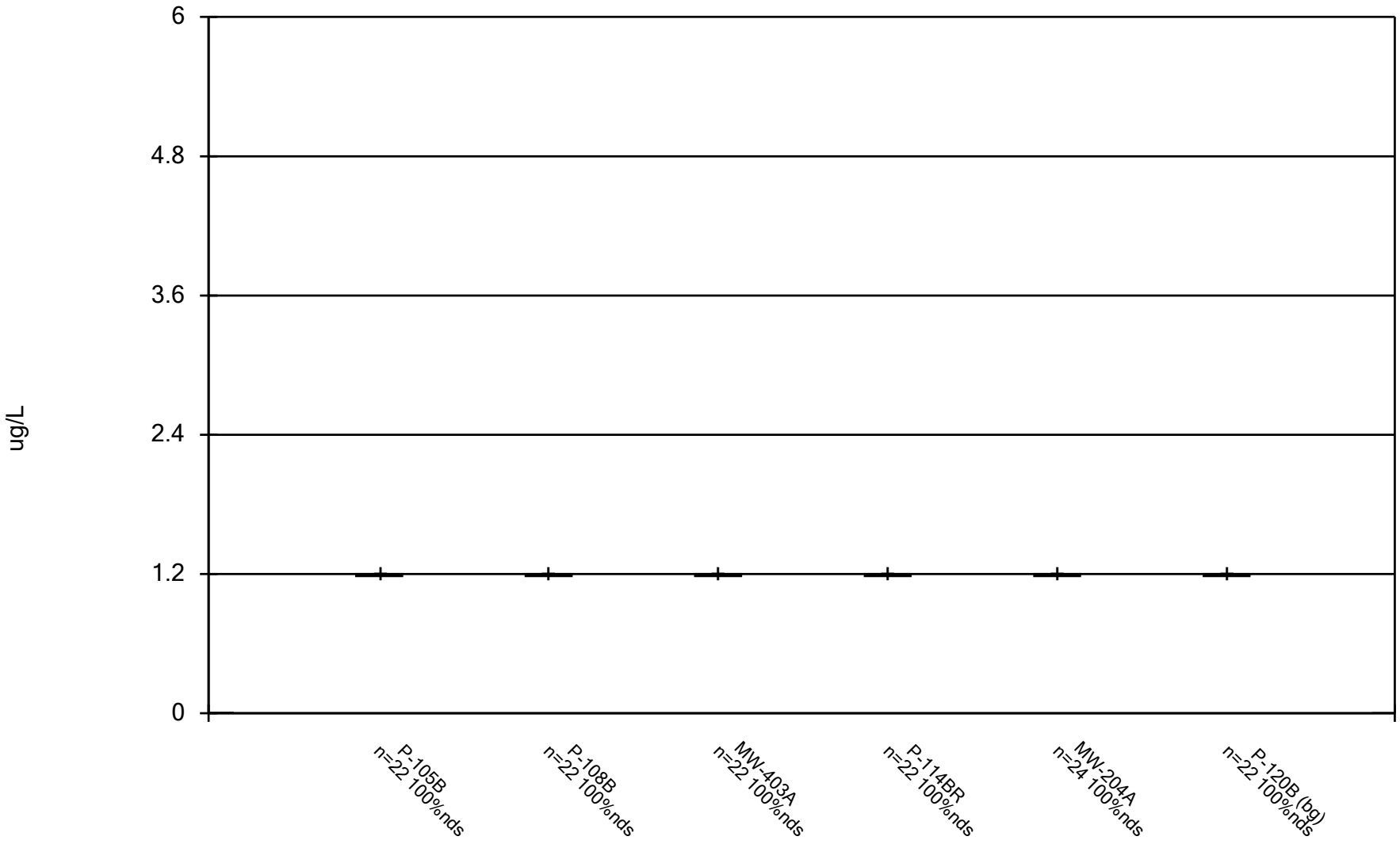
Box & Whiskers Plot



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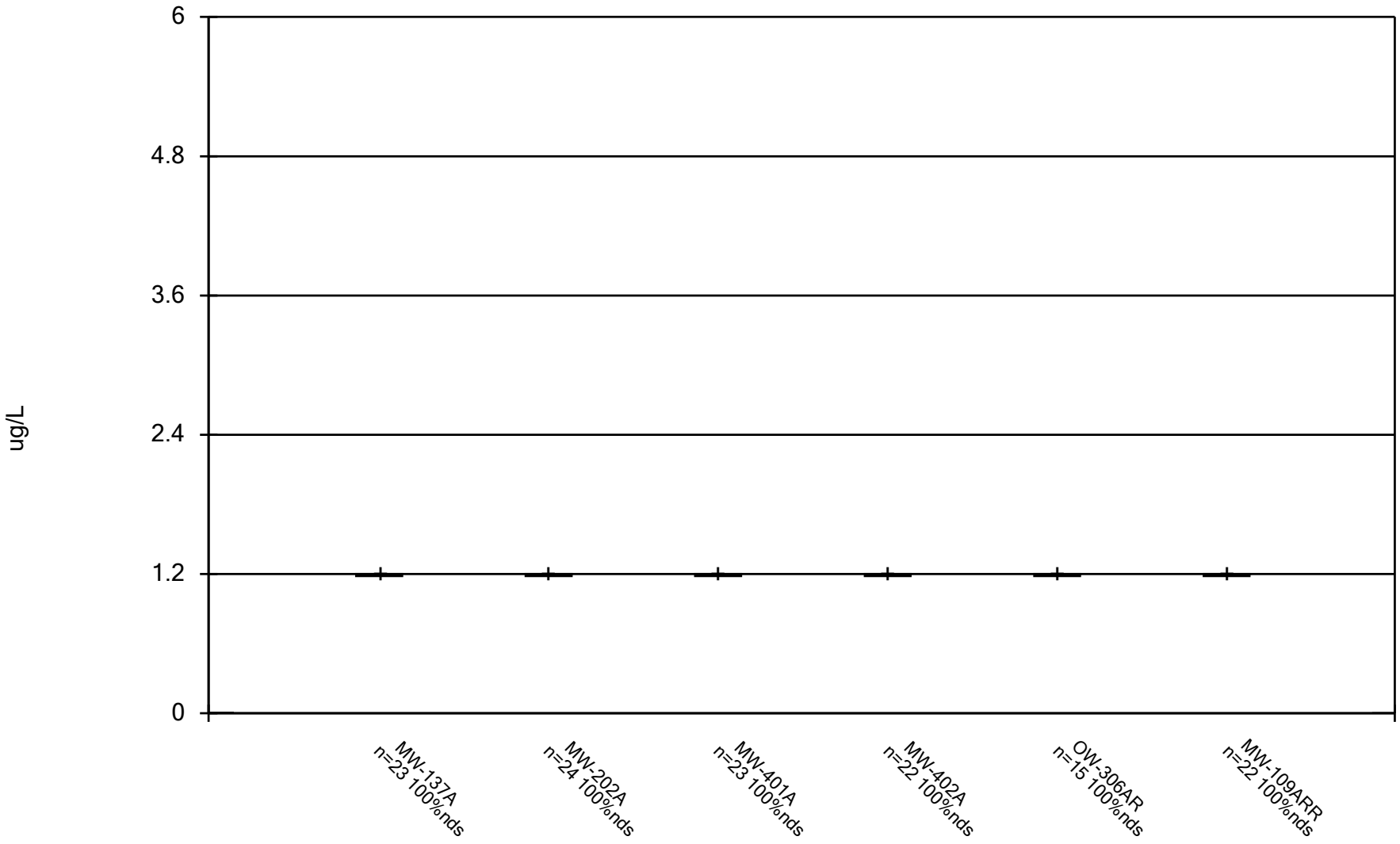
Box & Whiskers Plot



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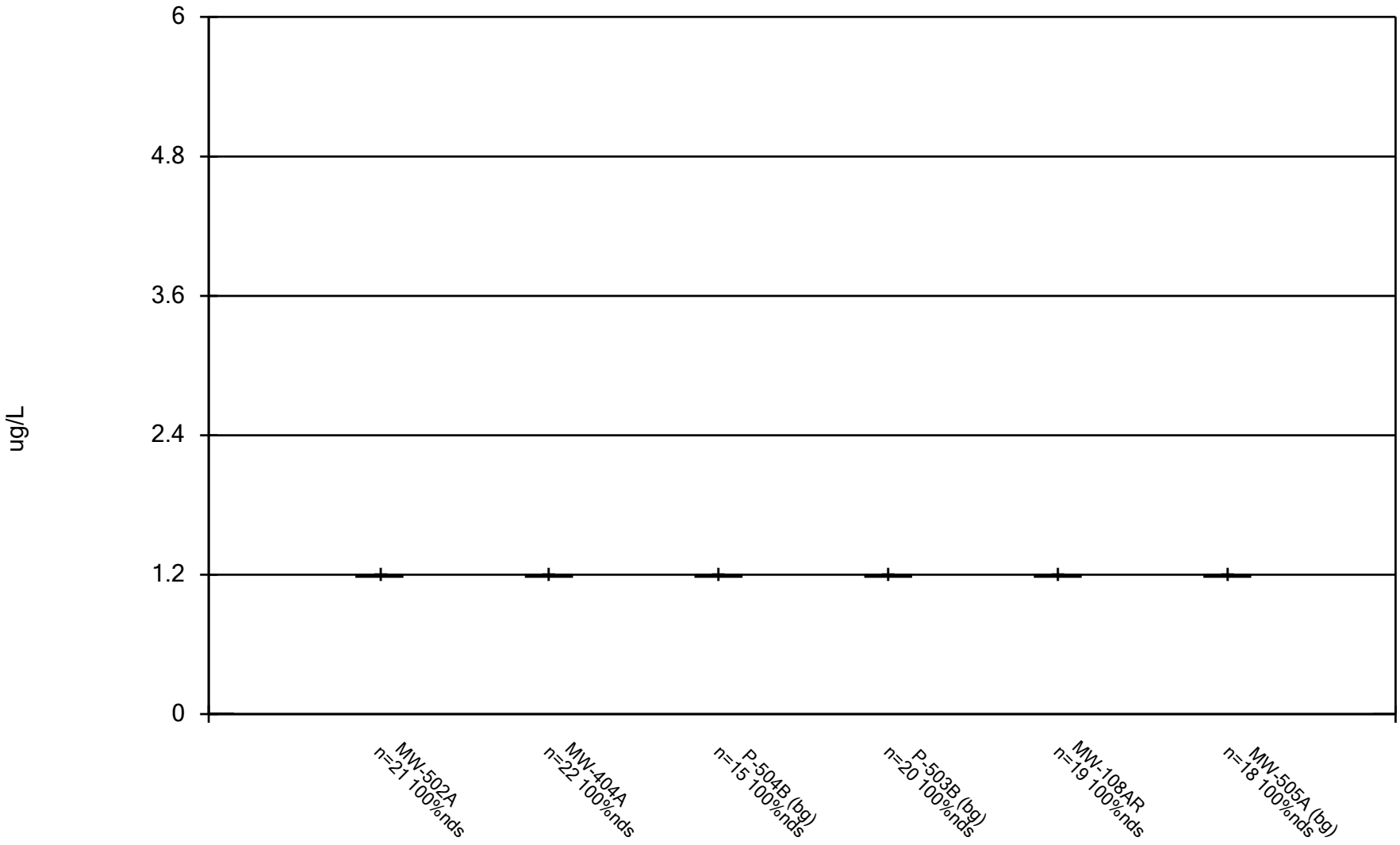
Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG

Box & Whiskers Plot



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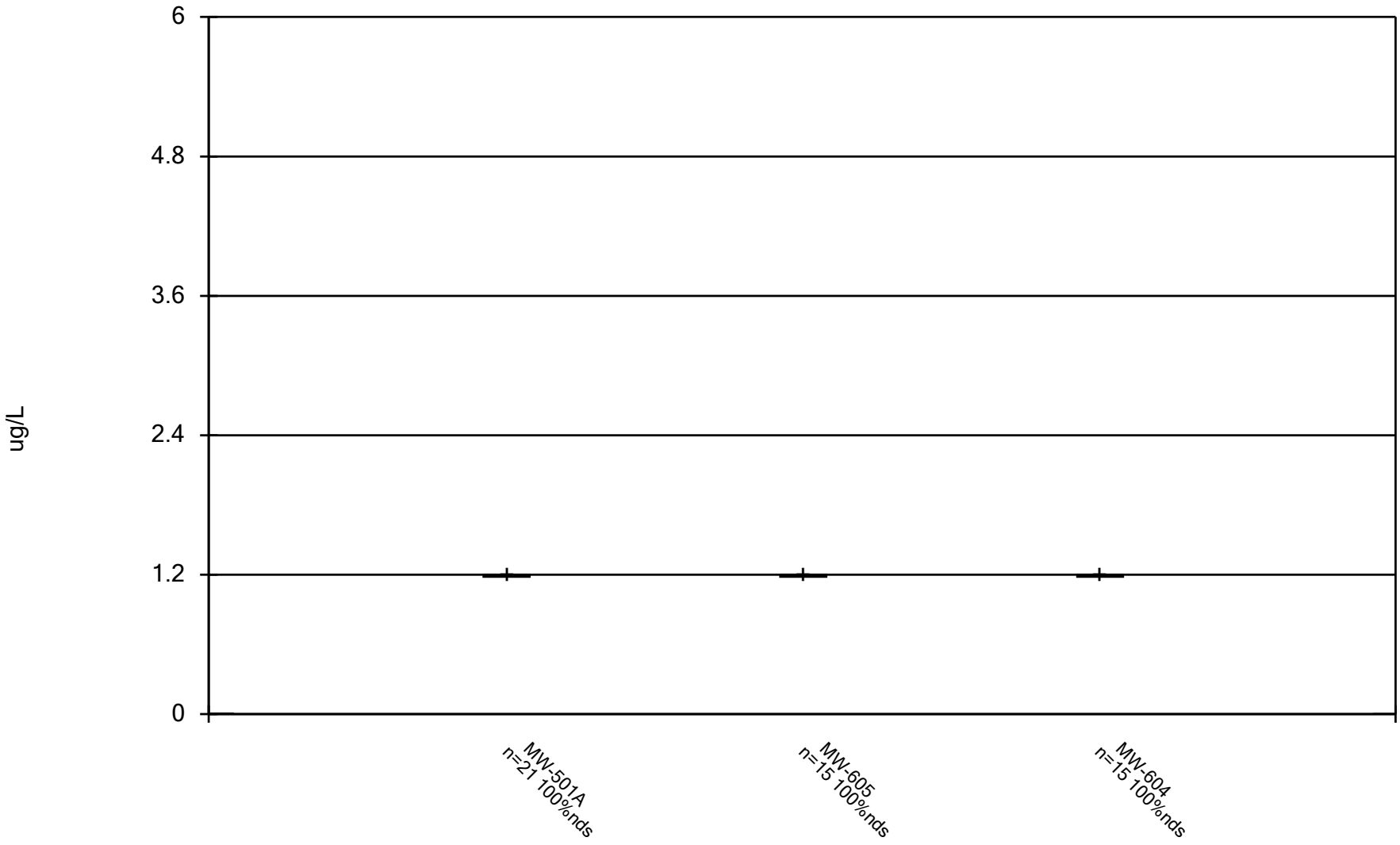
Box & Whiskers Plot



Constituent: 1,2-Dibromo-3-chloropropane Analysis Run 6/12/2025 2:16 PM View: All Wells - Appendix I V DMASWA Data: DMASWA Database_Updated

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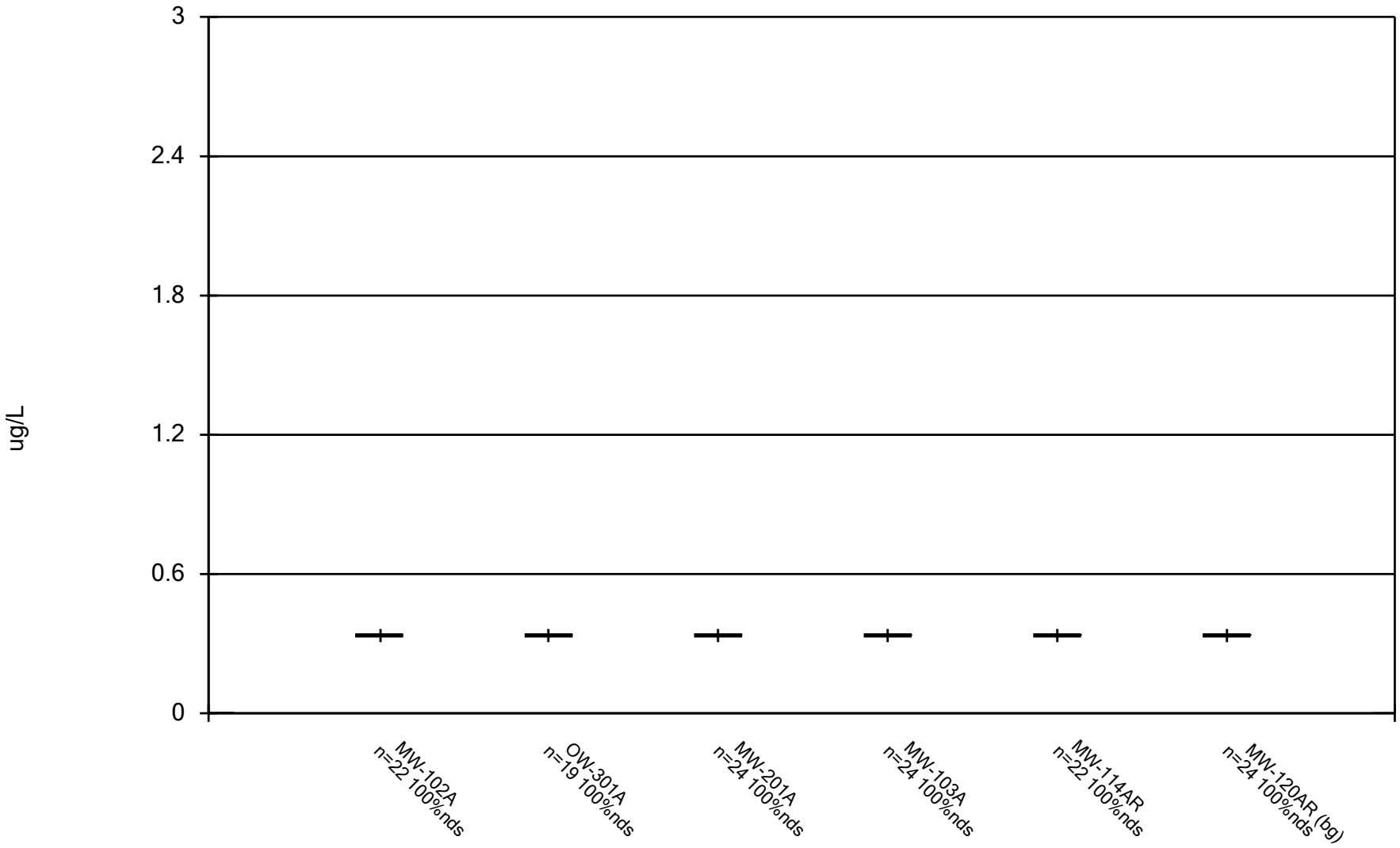
Box & Whiskers Plot



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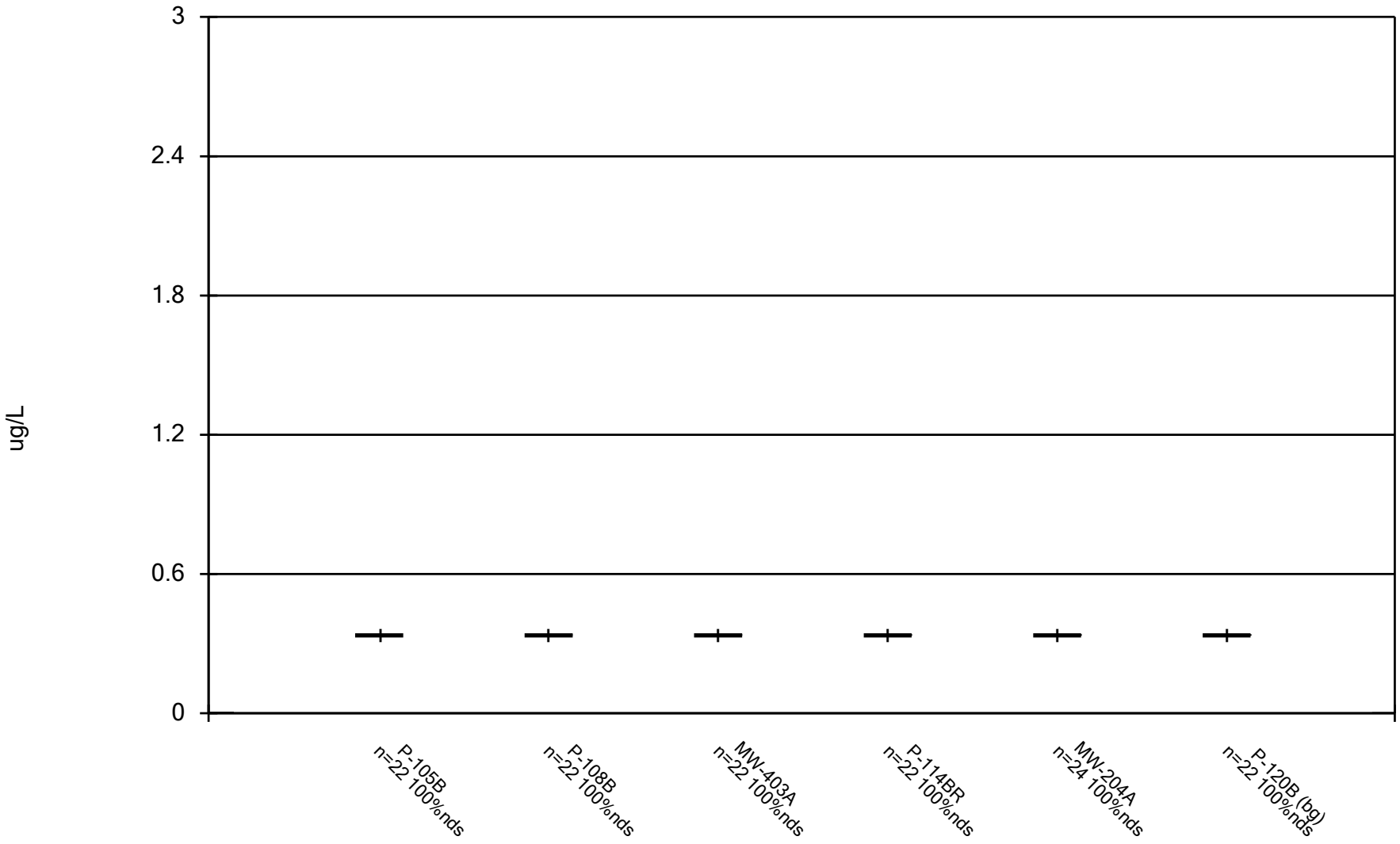
Box & Whiskers Plot



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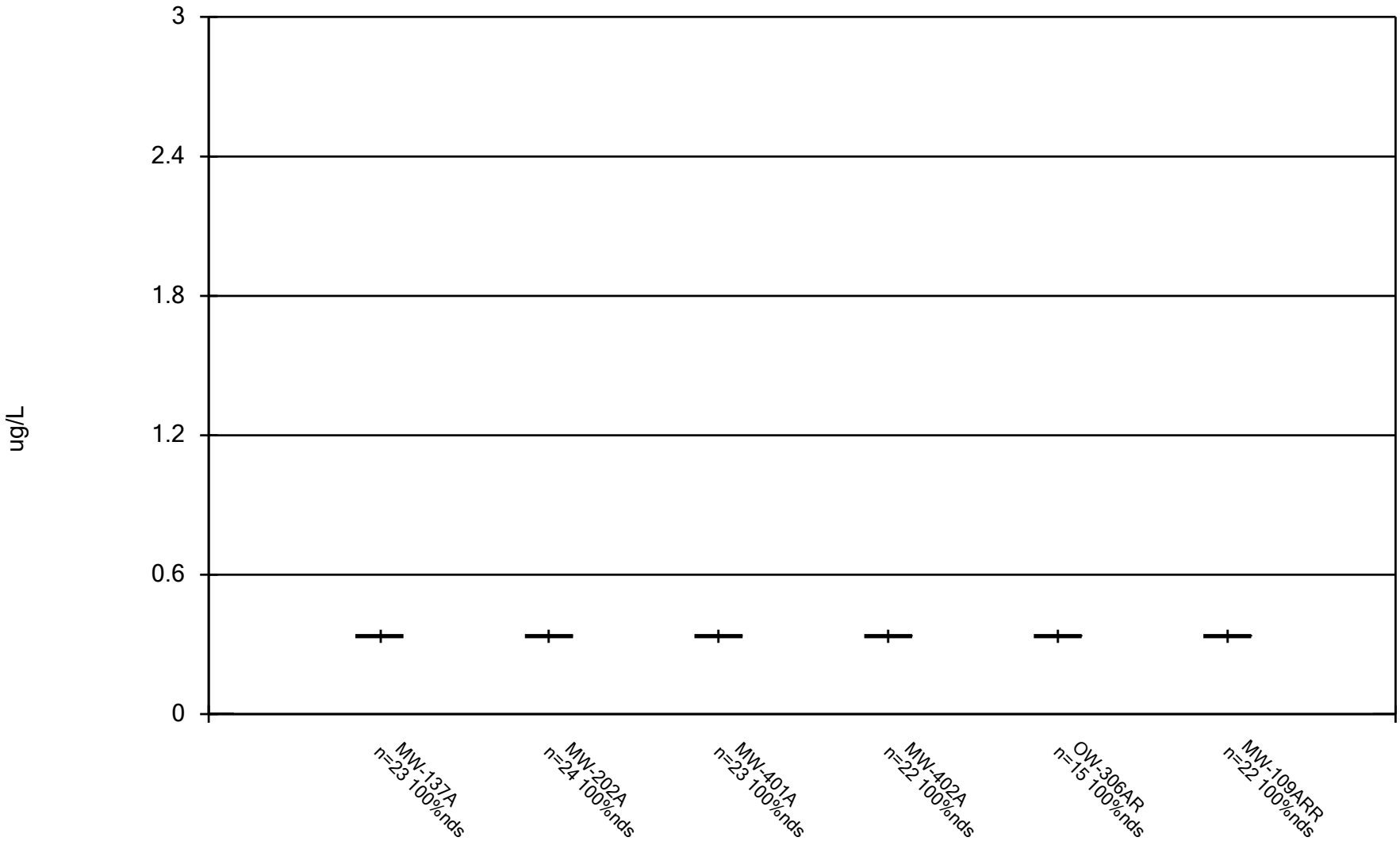
Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG

Box & Whiskers Plot



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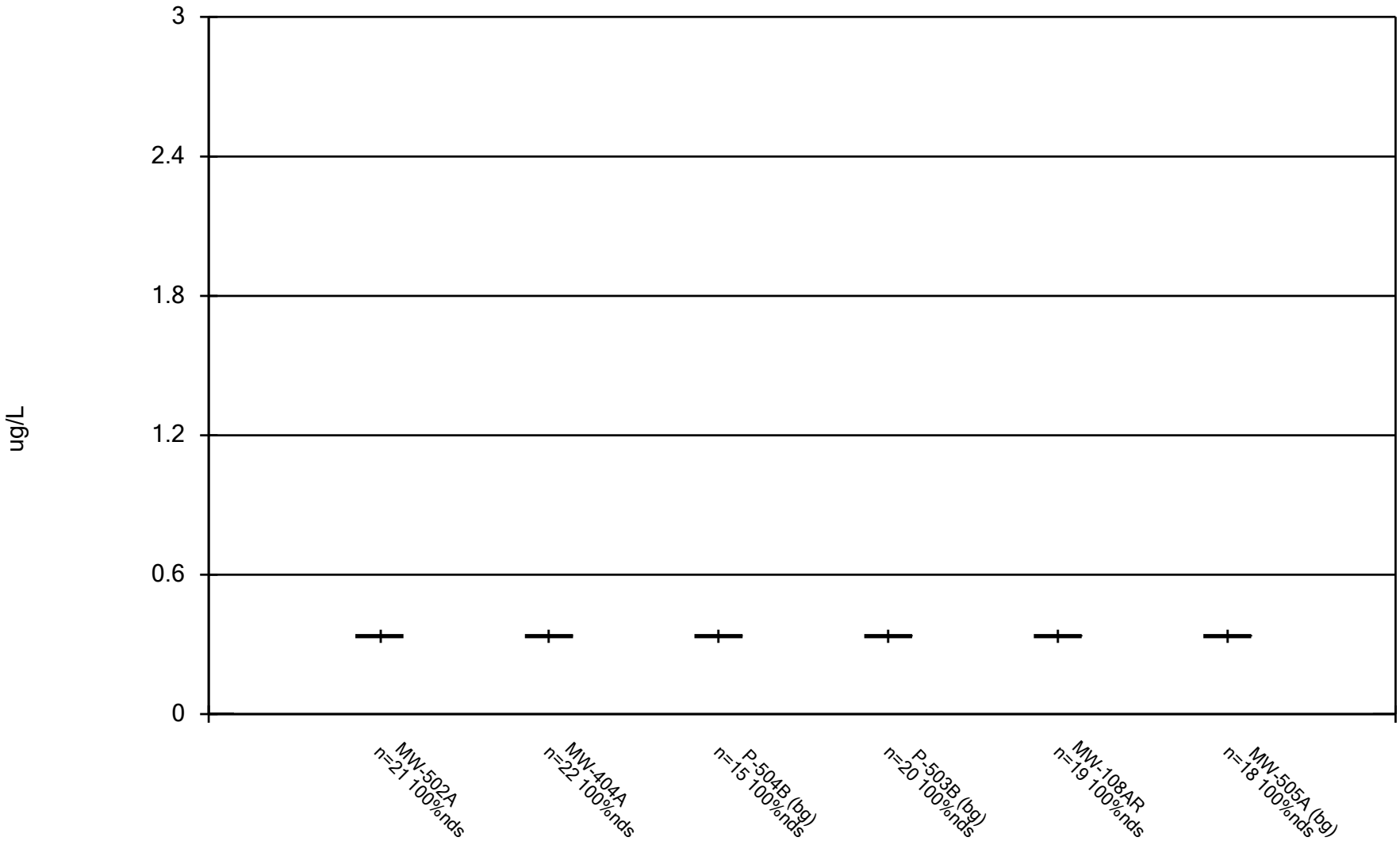

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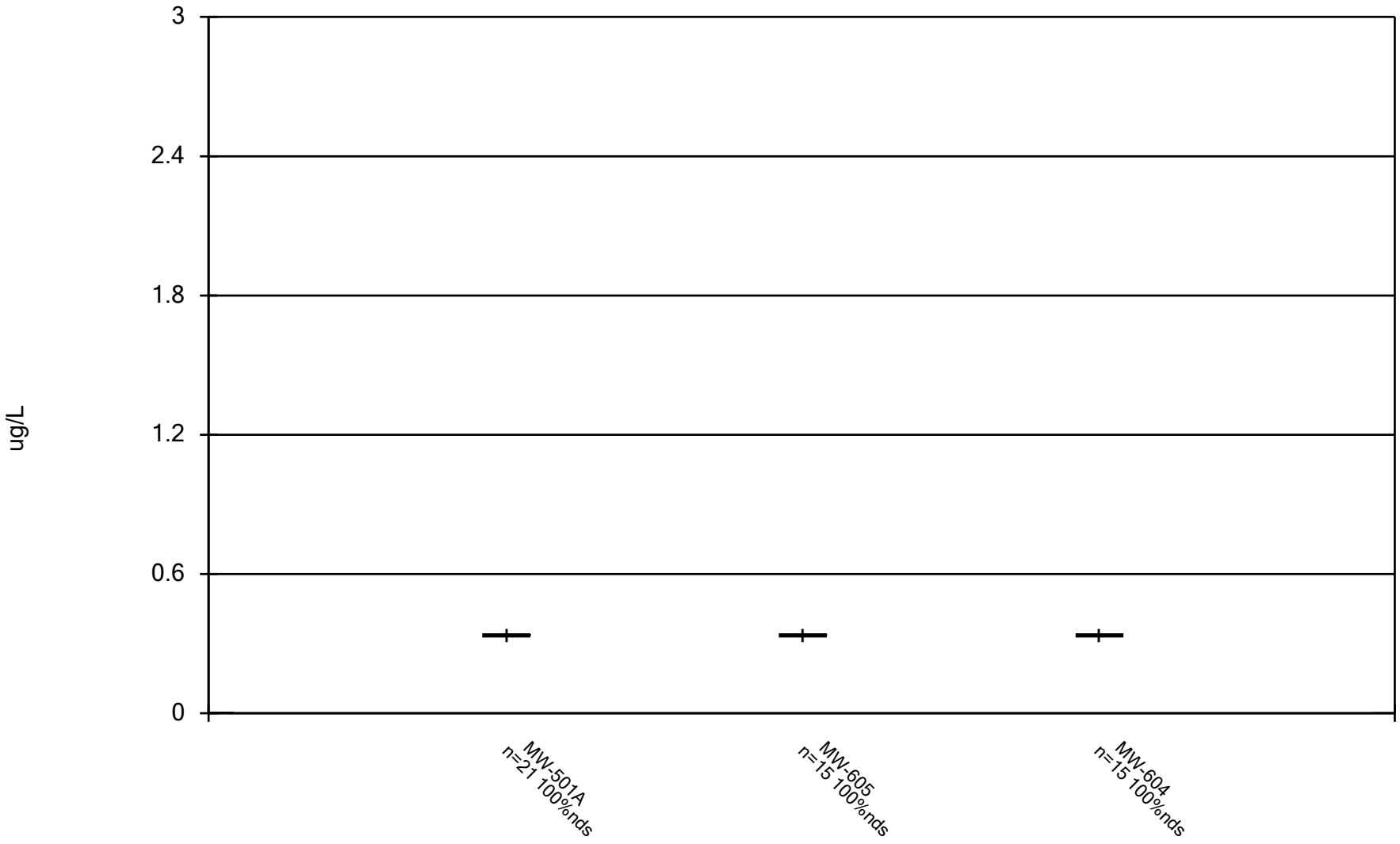
Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG

Box & Whiskers Plot



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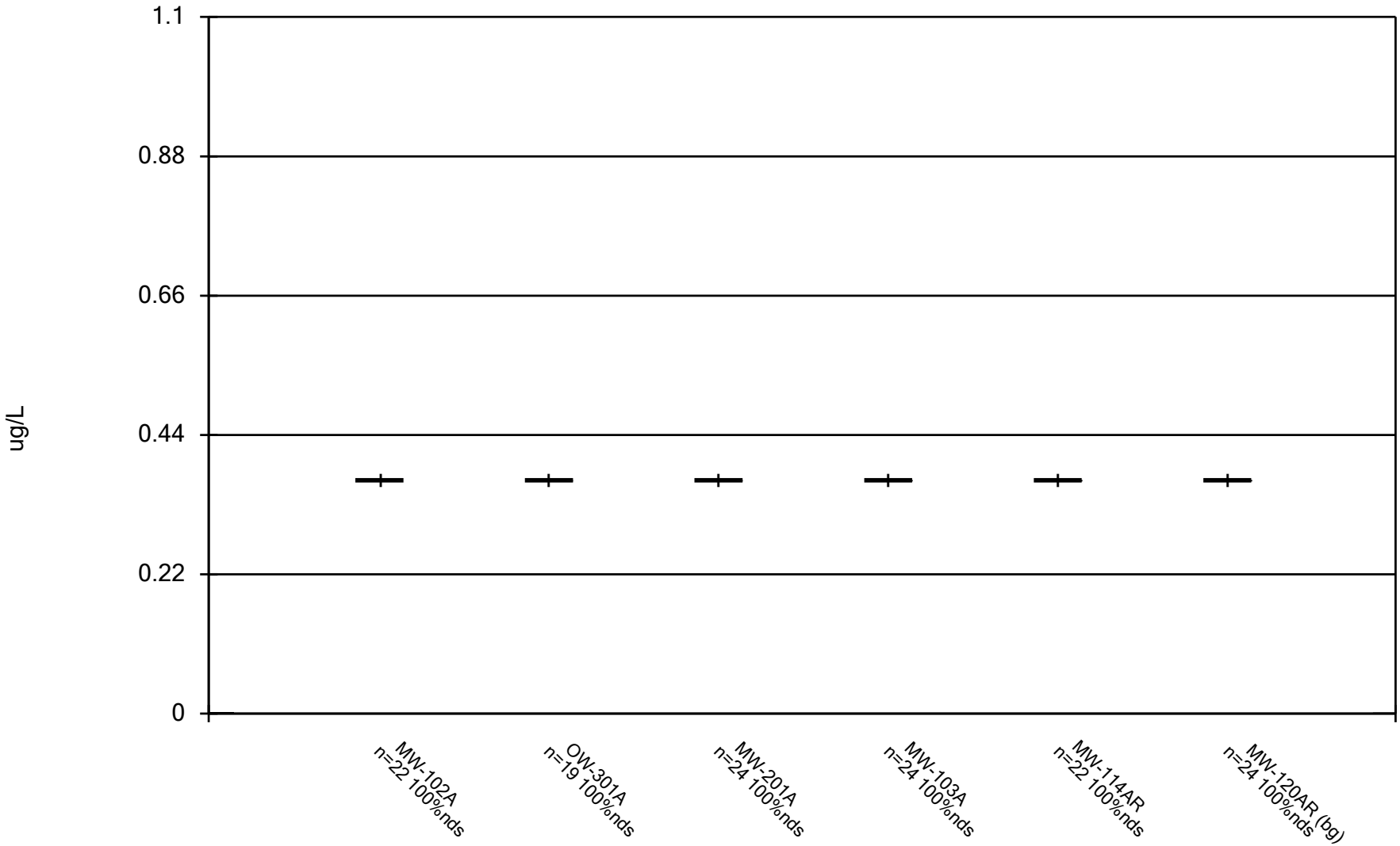
Box & Whiskers Plot



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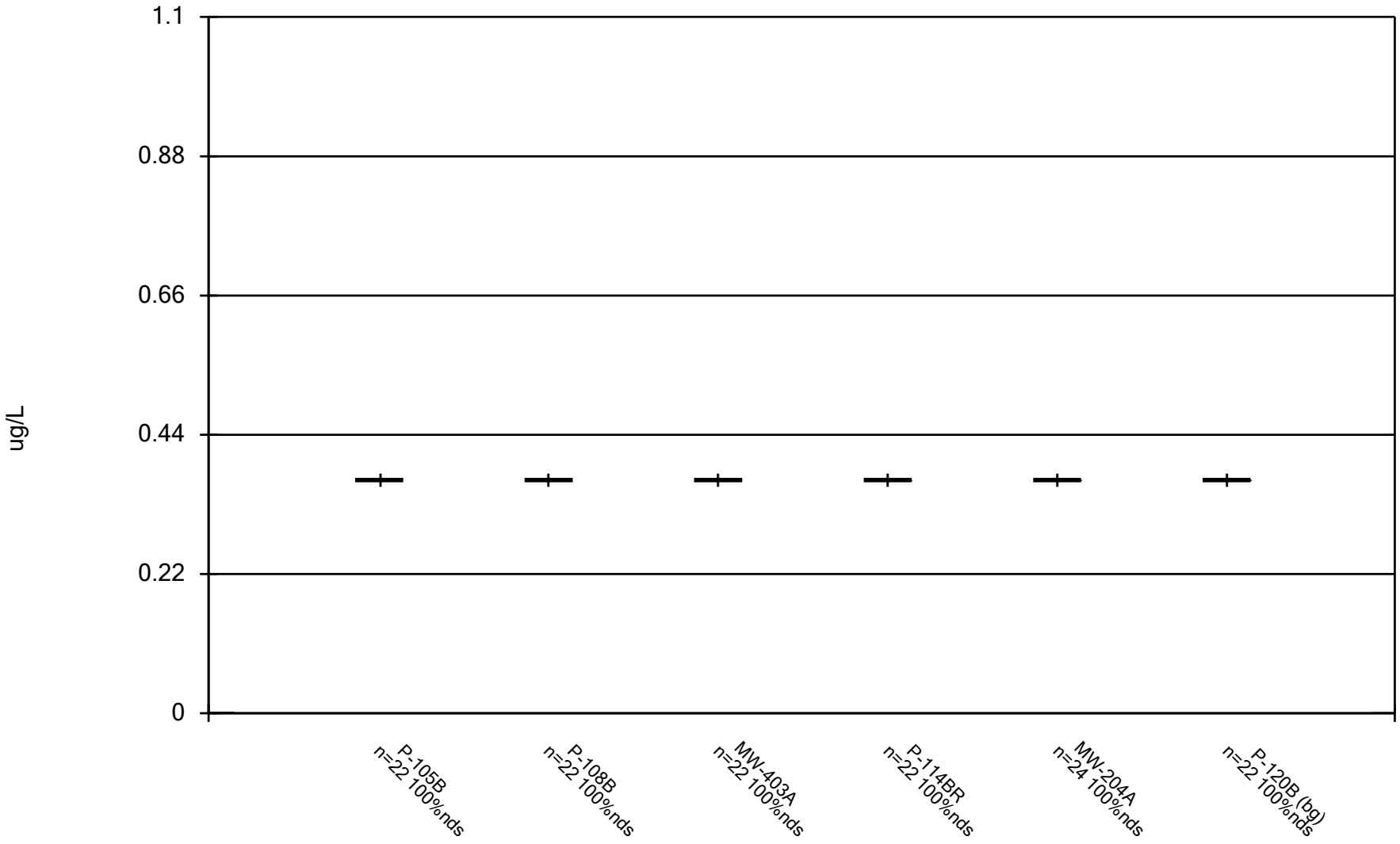
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG

Box & Whiskers Plot



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DMASWA Data: DMASWA Database_Updated

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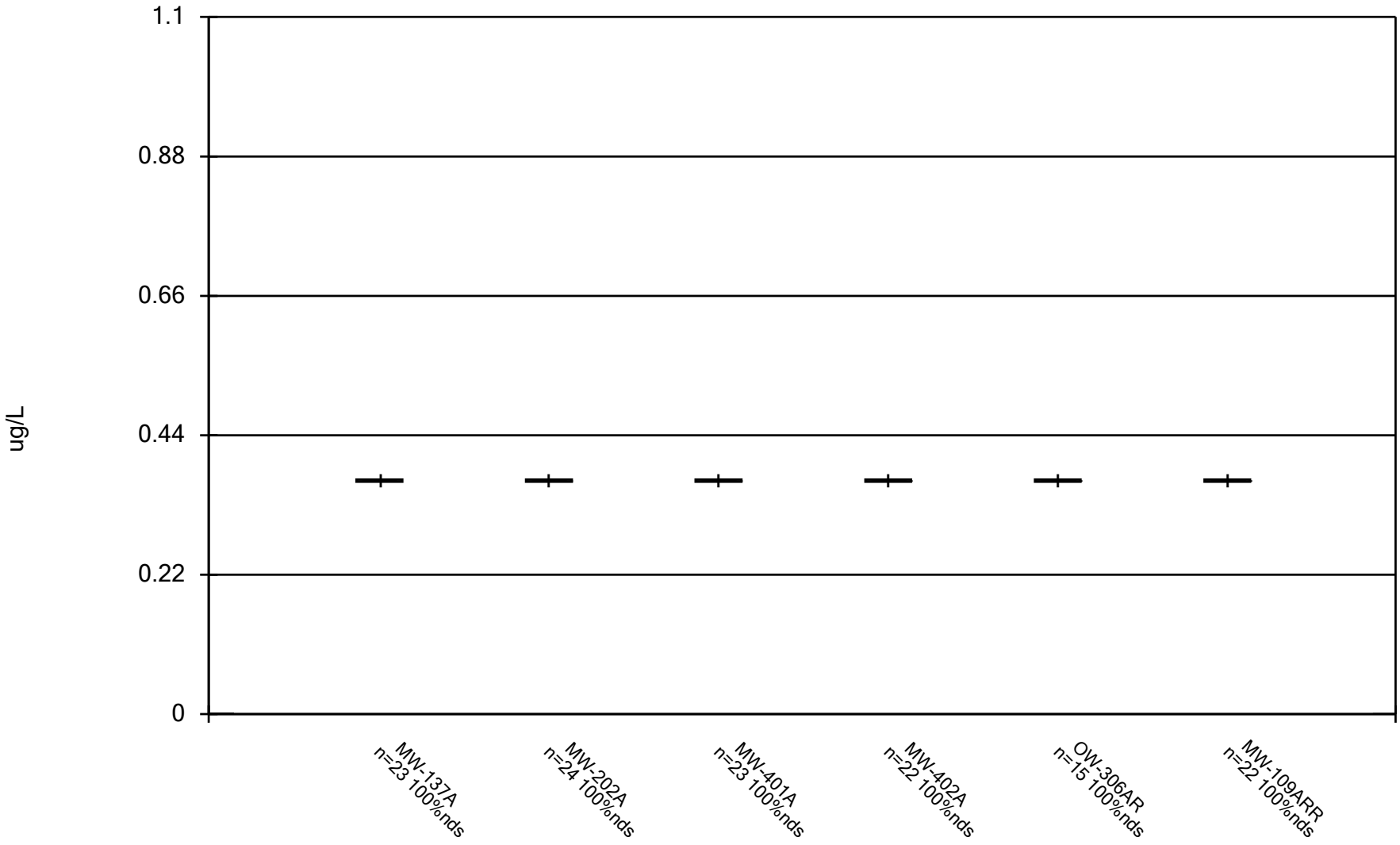
Box & Whiskers Plot



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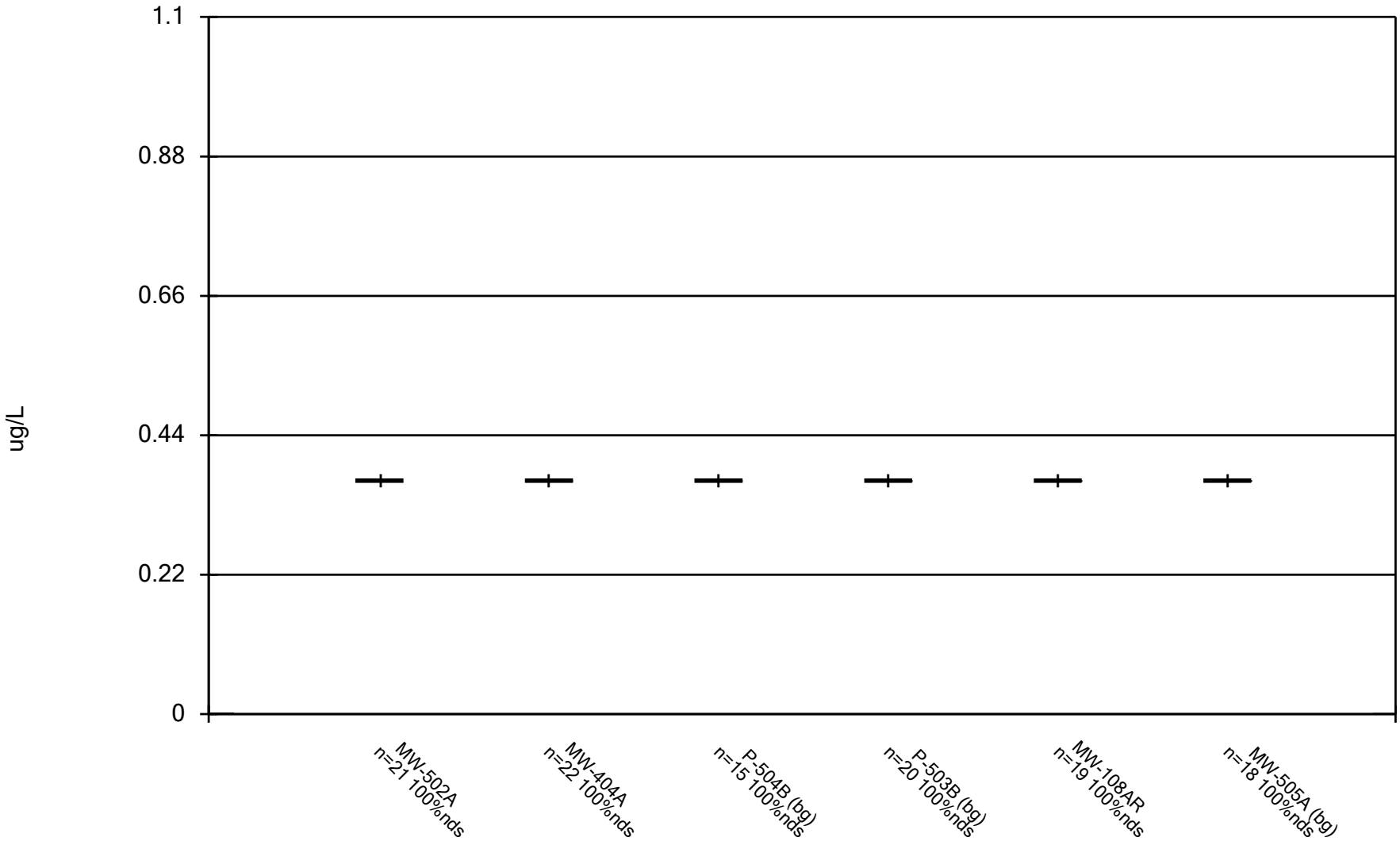
Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG

Box & Whiskers Plot



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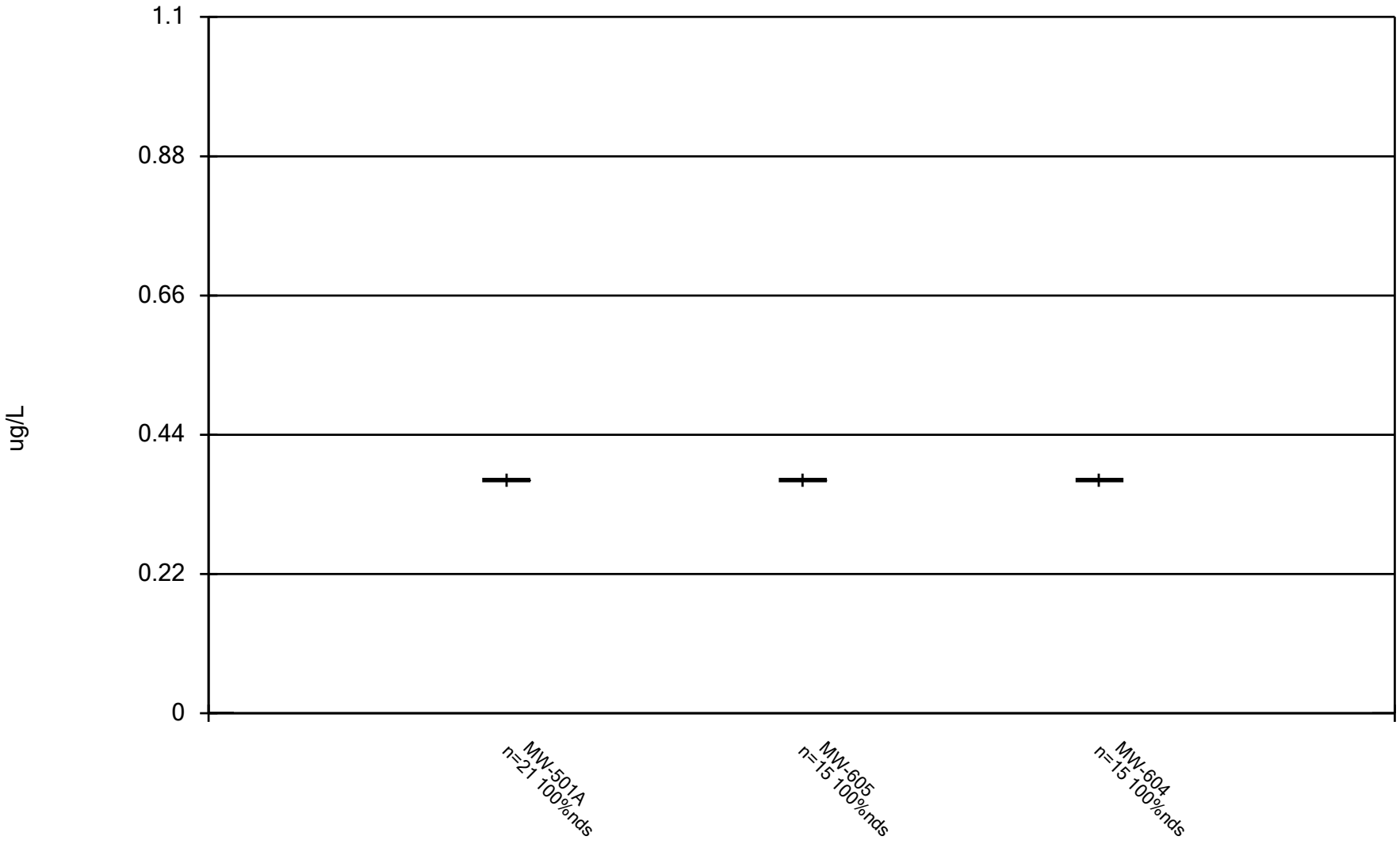
Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG

Box & Whiskers Plot



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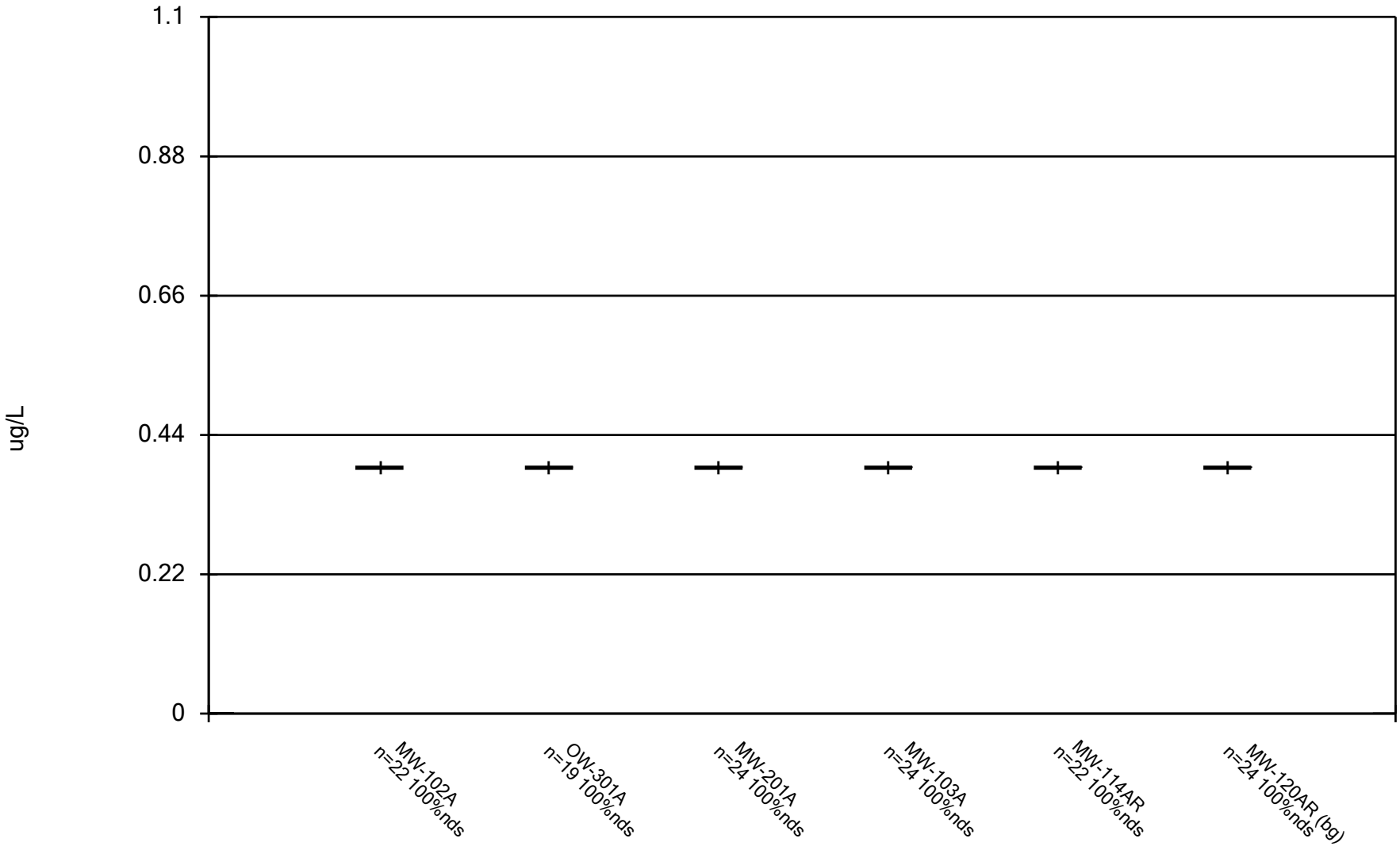
Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG

Box & Whiskers Plot



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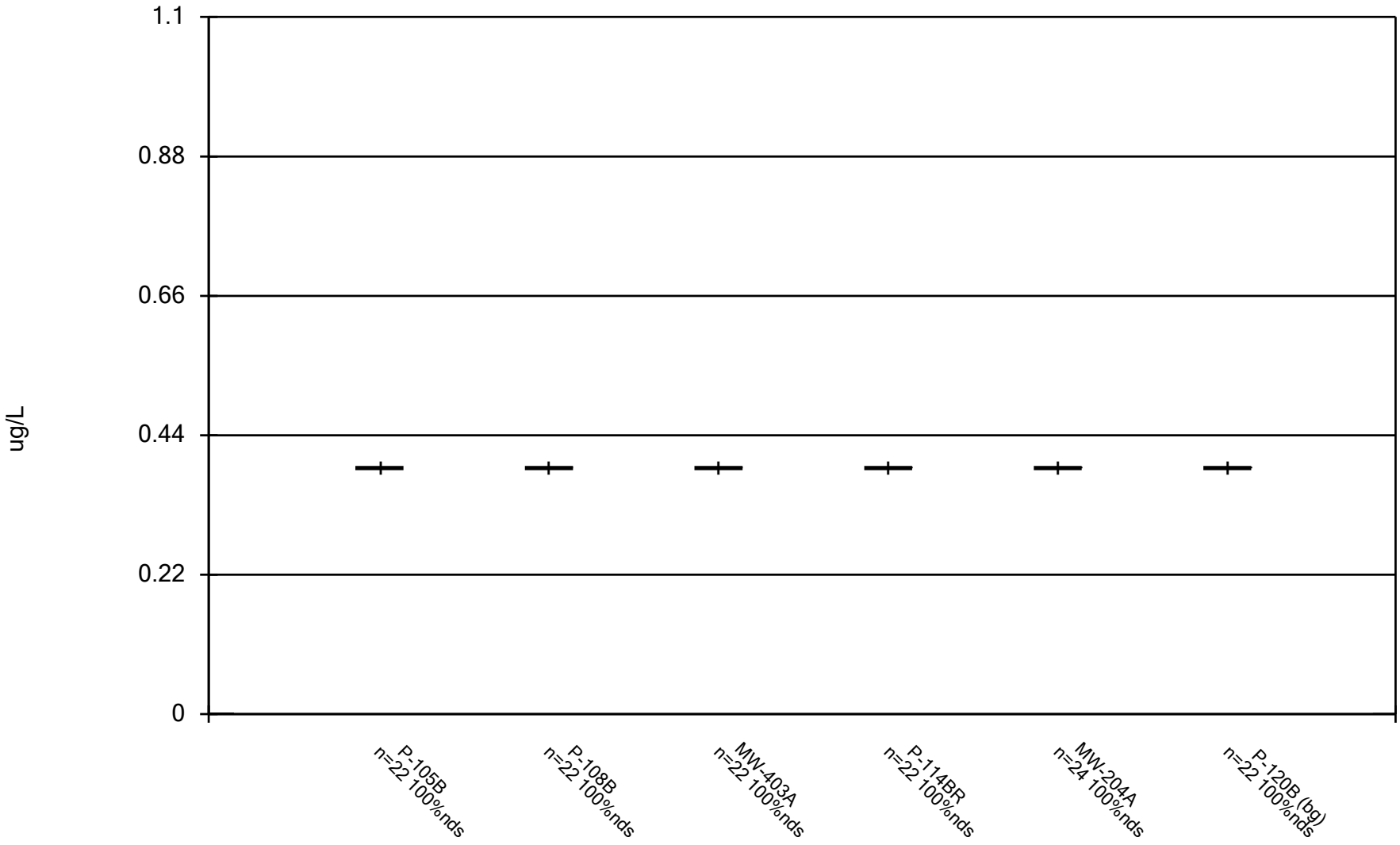
Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG

Box & Whiskers Plot



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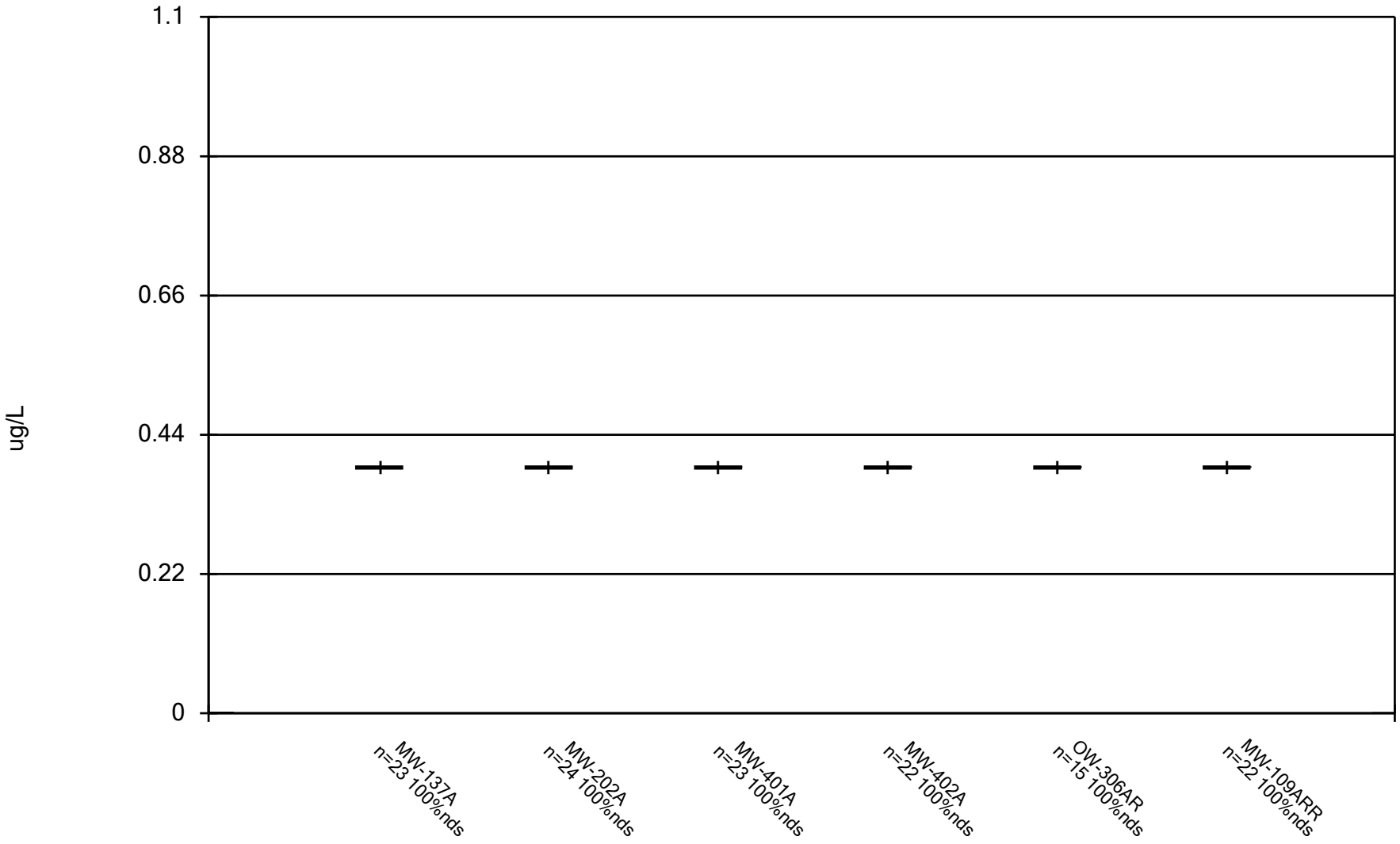
Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG

Box & Whiskers Plot



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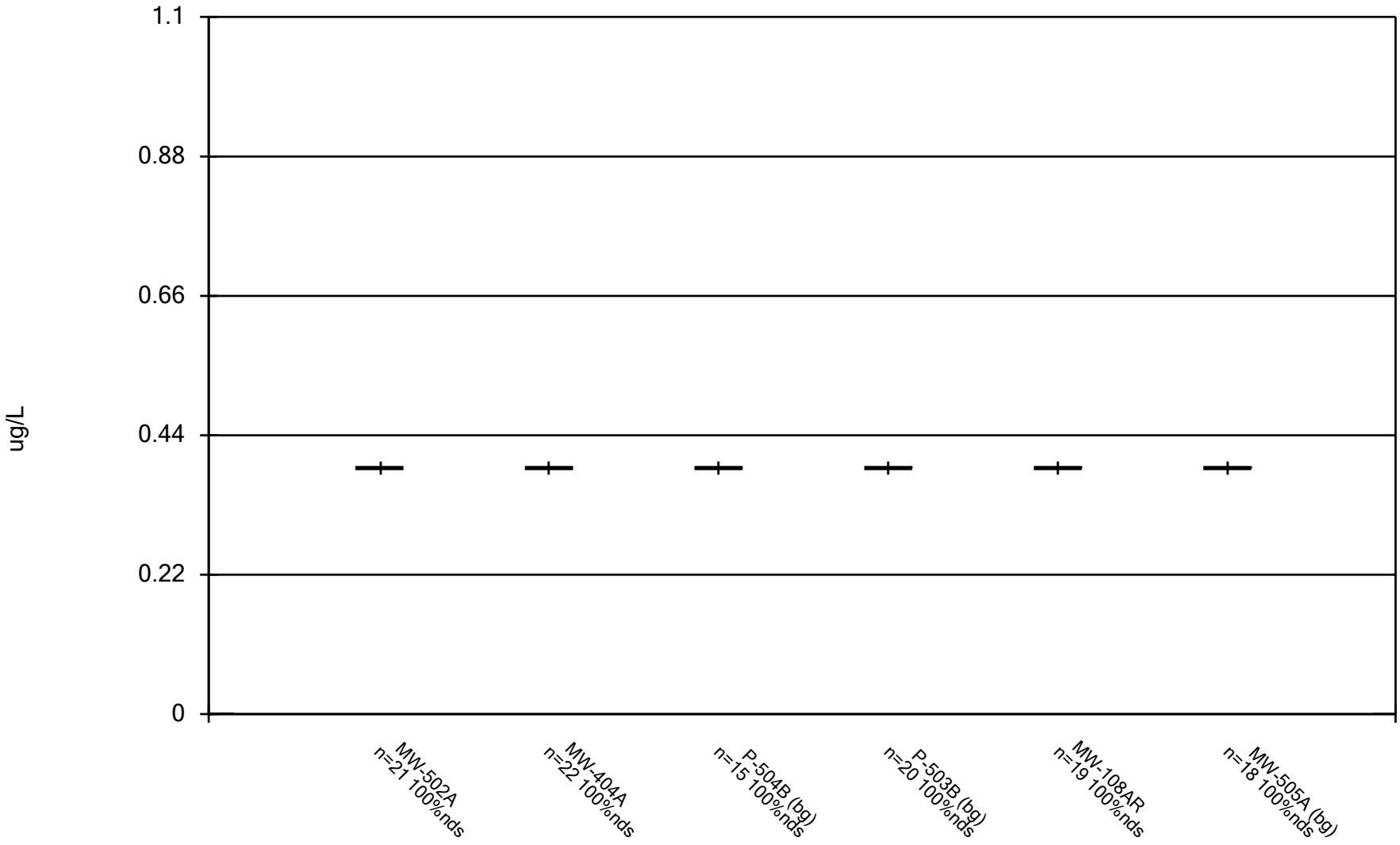
Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG

Box & Whiskers Plot



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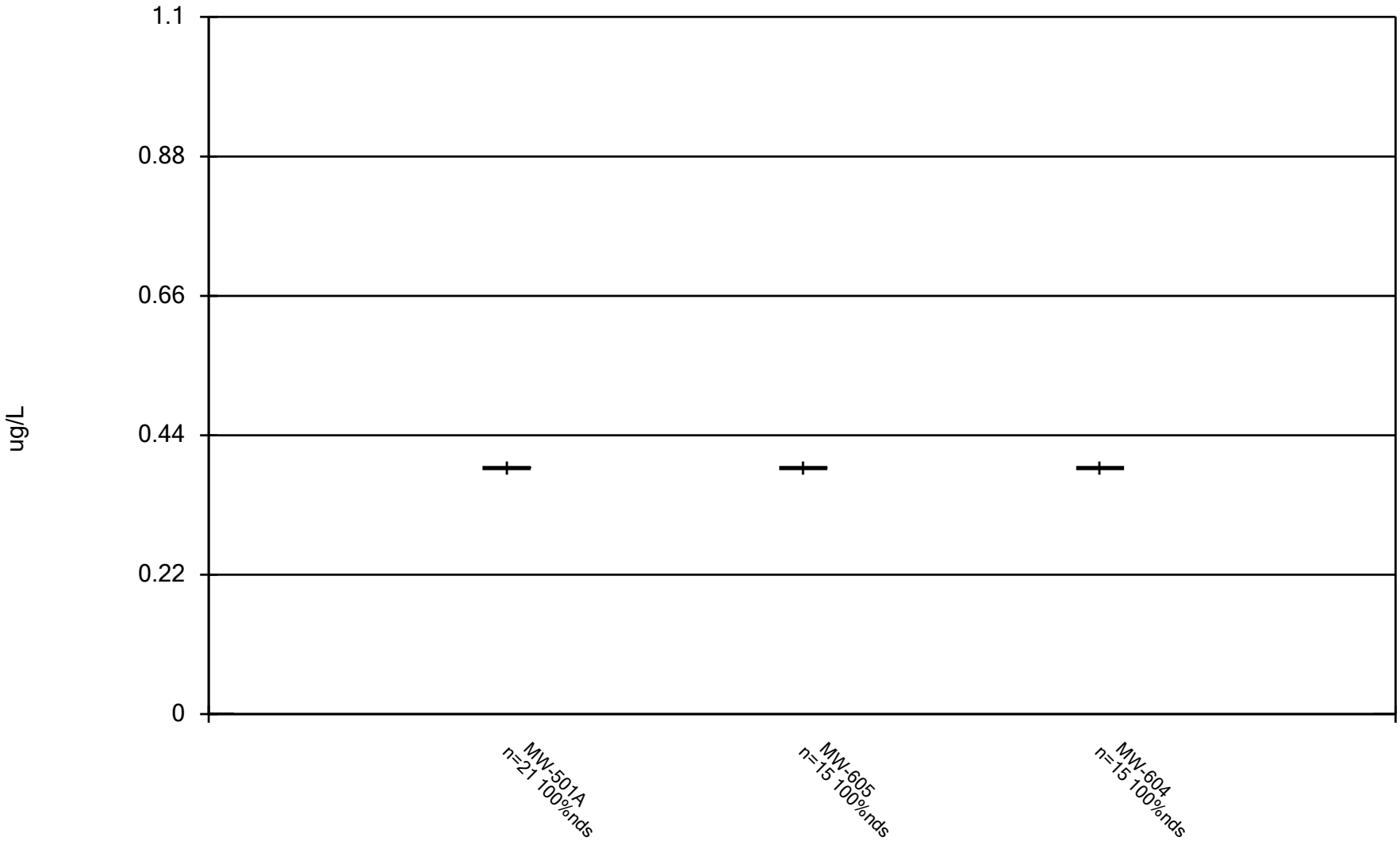
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG

Box & Whiskers Plot



Constituent: 1,2-Dichloroethane Analysis Run 6/12/2025 2:16 PM View: All Wells - Appendix I VOCs DMASWA Data: DMASWA Database_Updated

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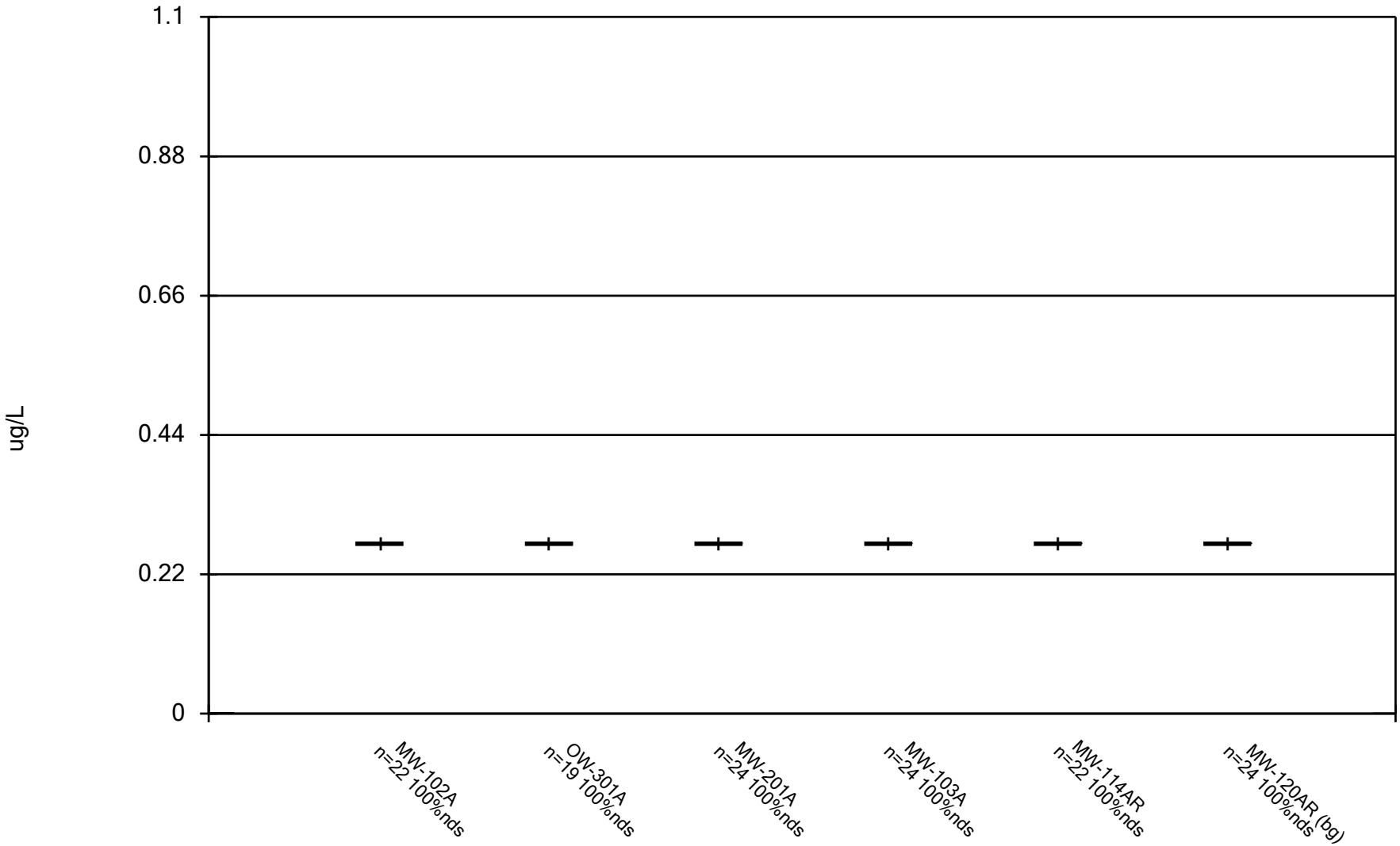
Box & Whiskers Plot



Constituent: 1,2-Dichloropropane Analysis Run 6/12/2025 2:16 PM View: All Wells - Appendix I VOCs
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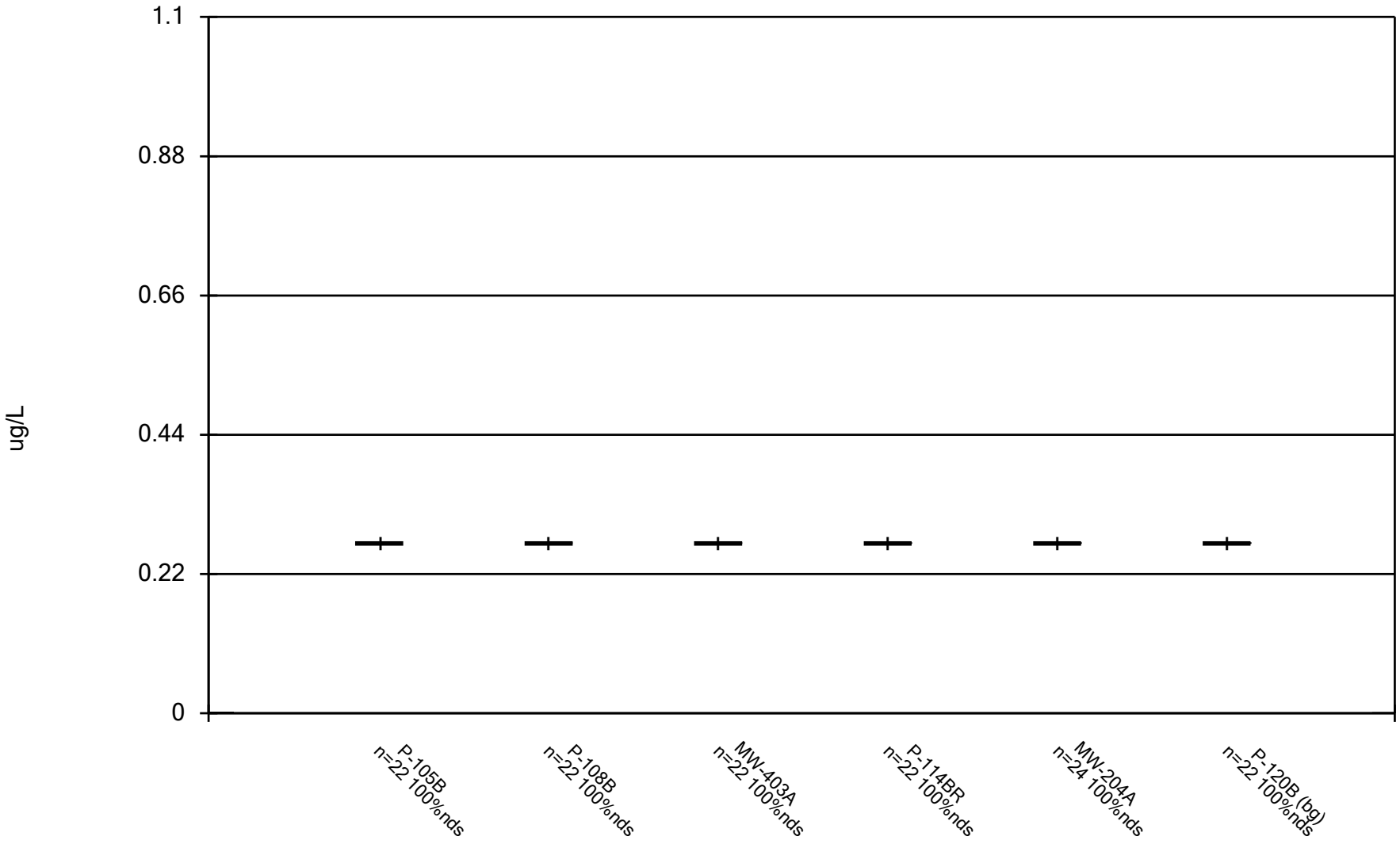
Box & Whiskers Plot



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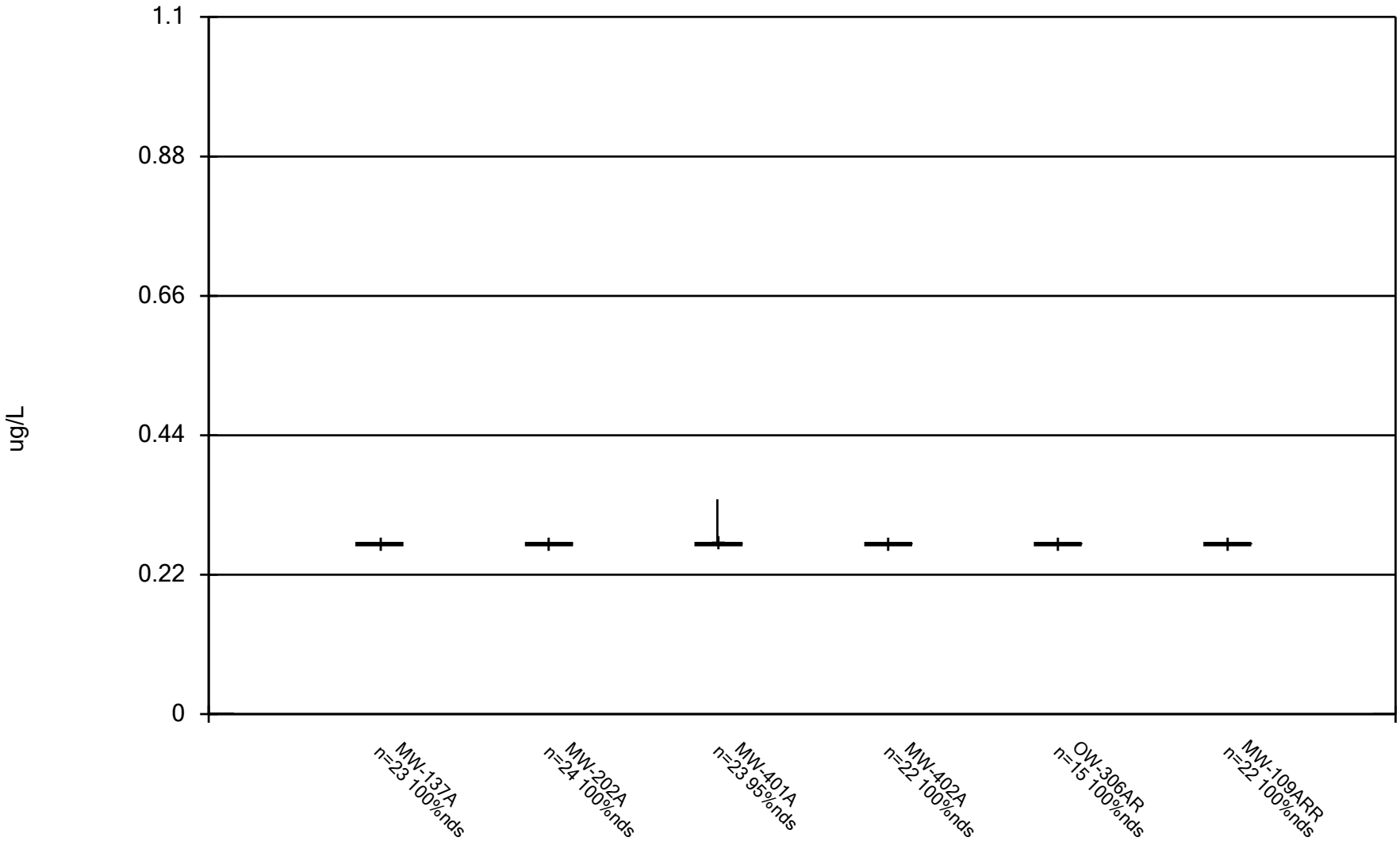
Box & Whiskers Plot



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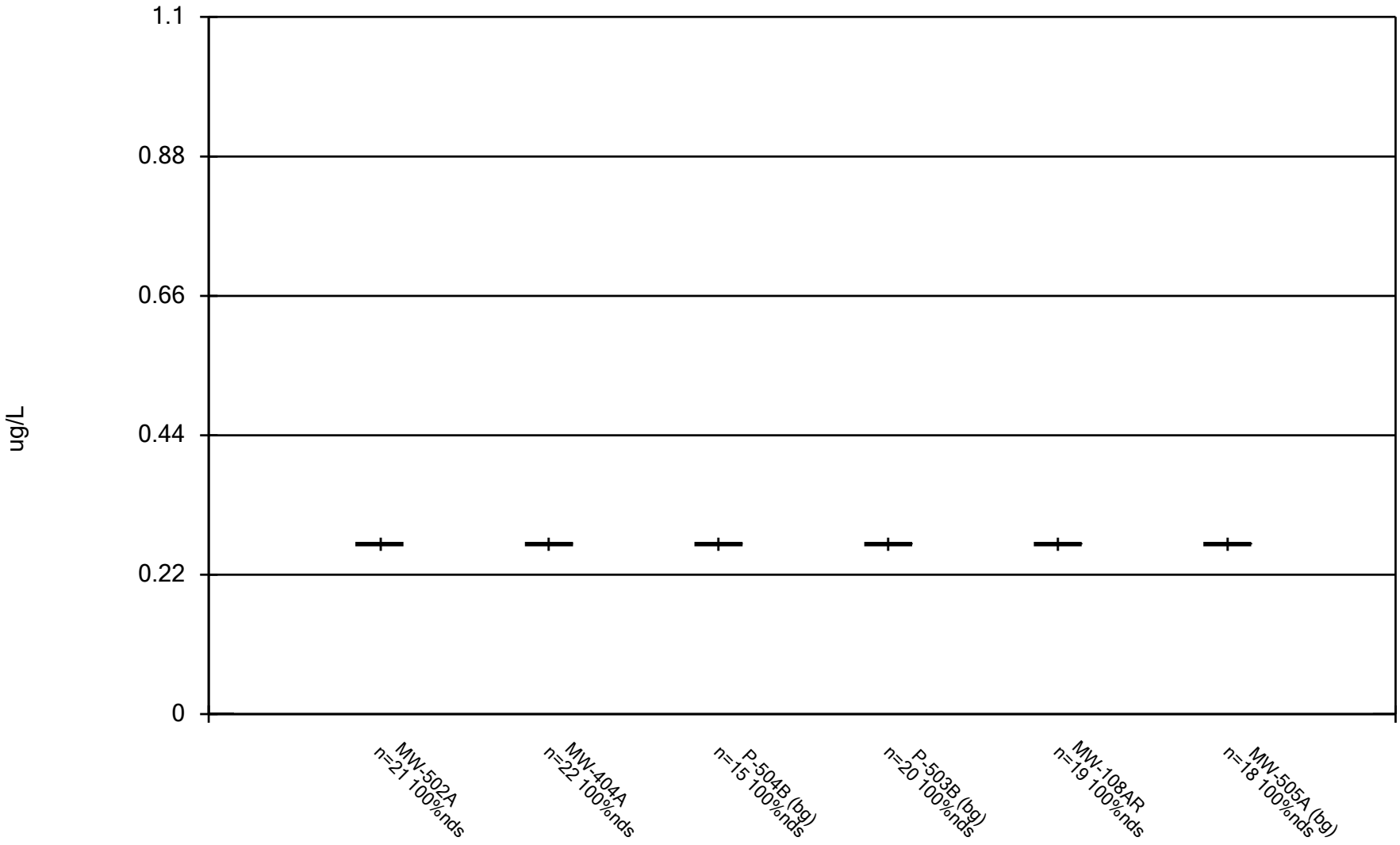
Box & Whiskers Plot



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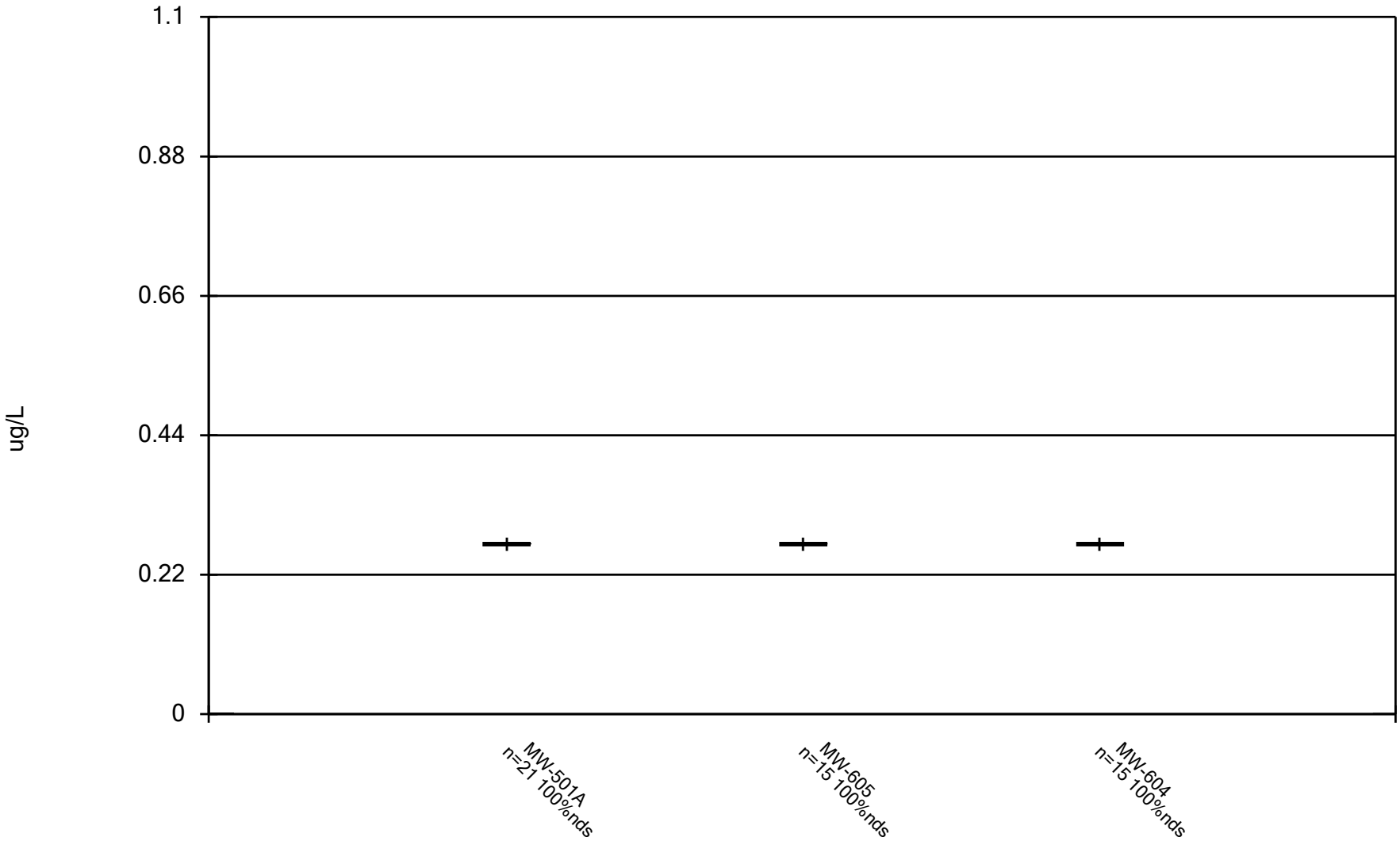
Box & Whiskers Plot



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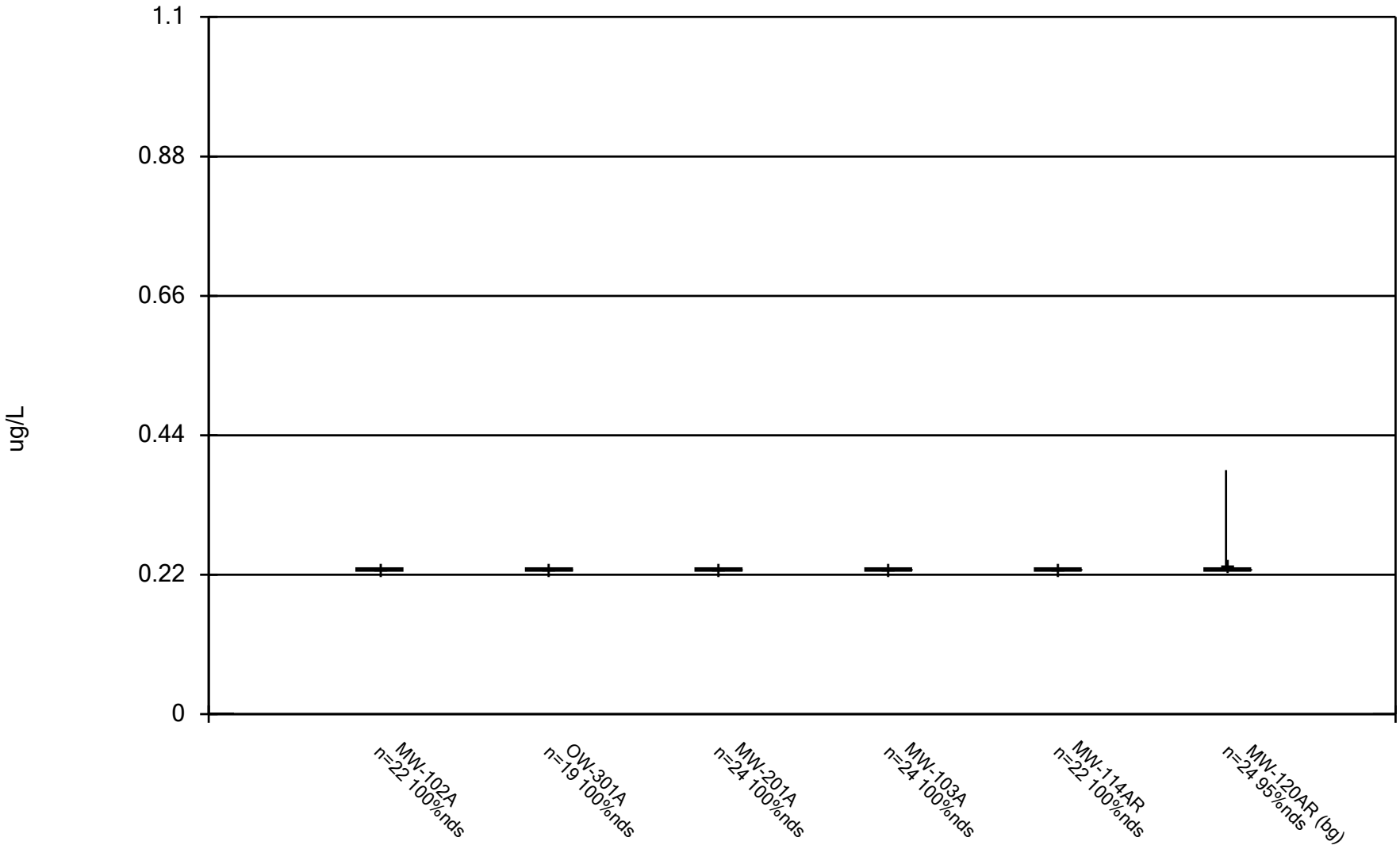
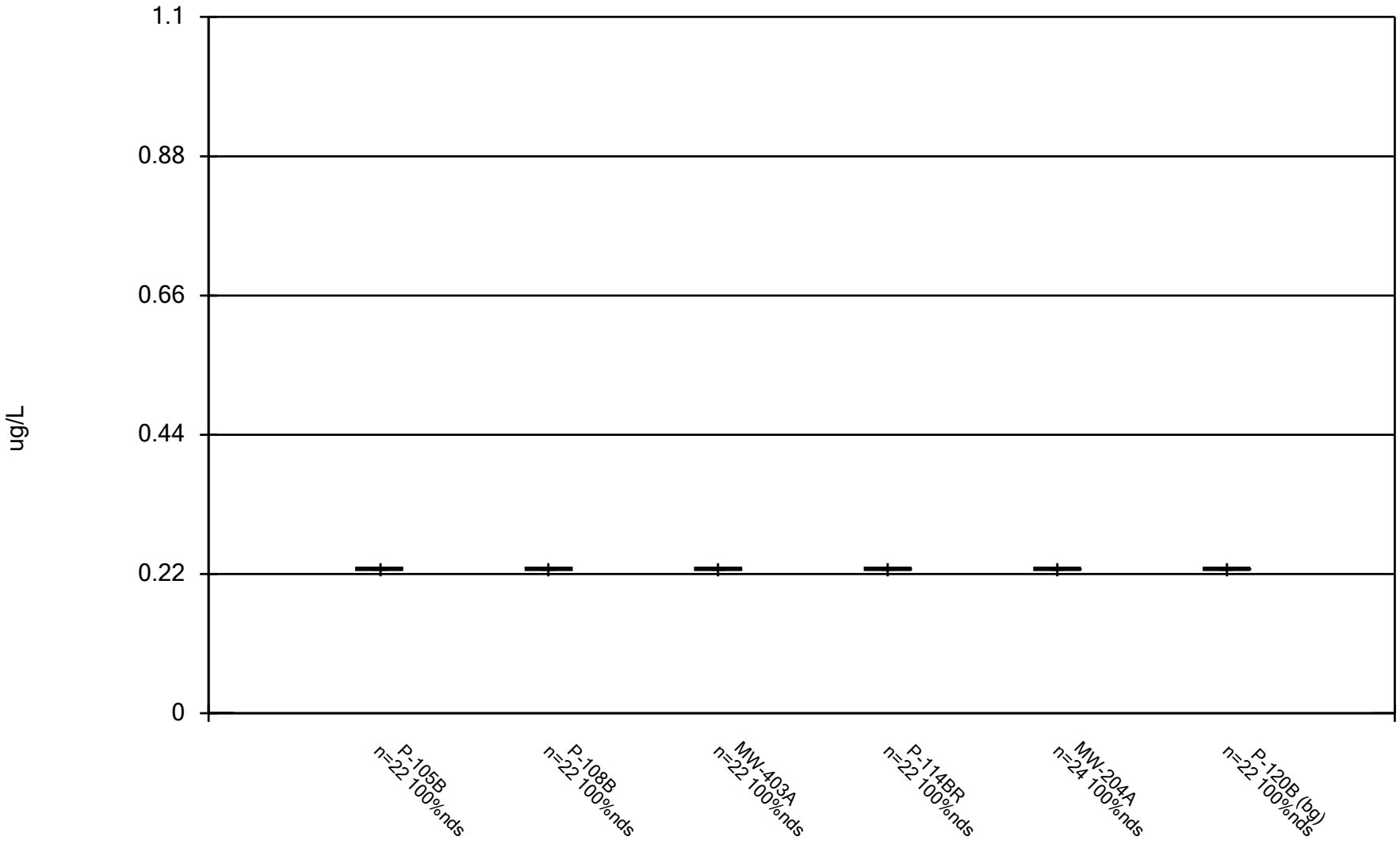
Box & Whiskers Plot



Constituent: 1,4-Dichlorobenzene Analysis Run 6/12/2025 2:16 PM View: All Wells - Appendix I VOCs

DMASWA Data: DMASWA Database_Updated

Box & Whiskers Plot



Constituent: 1,4-Dichlorobenzene Analysis Run 6/12/2025 2:16 PM View: All Wells - Appendix I VOCs

DMASWA Data: DMASWA Database_Updated

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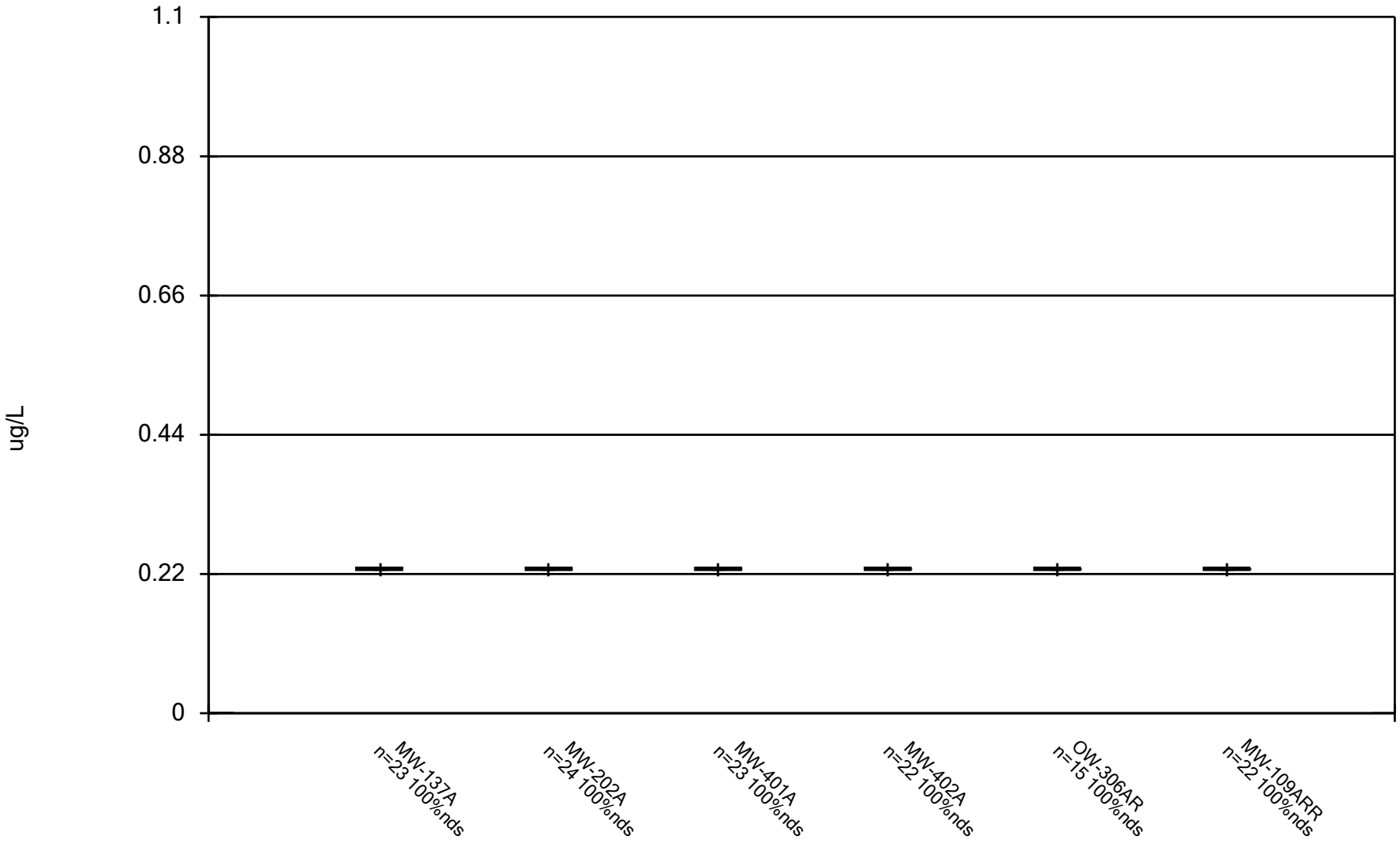
Box & Whiskers Plot



Constituent: 1,4-Dichlorobenzene Analysis Run 6/12/2025 2:16 PM View: All Wells - Appendix I VOCs
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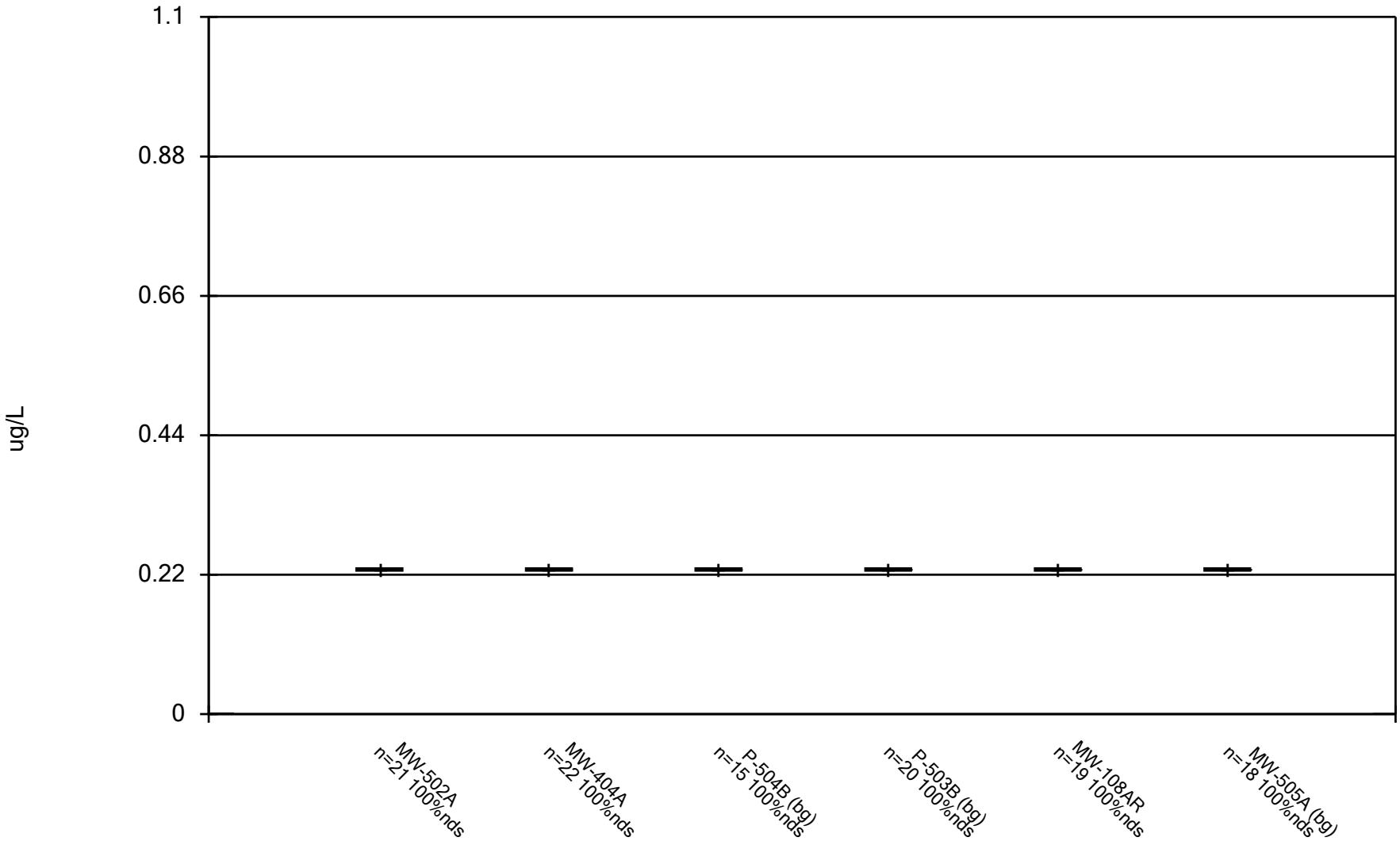
Box & Whiskers Plot

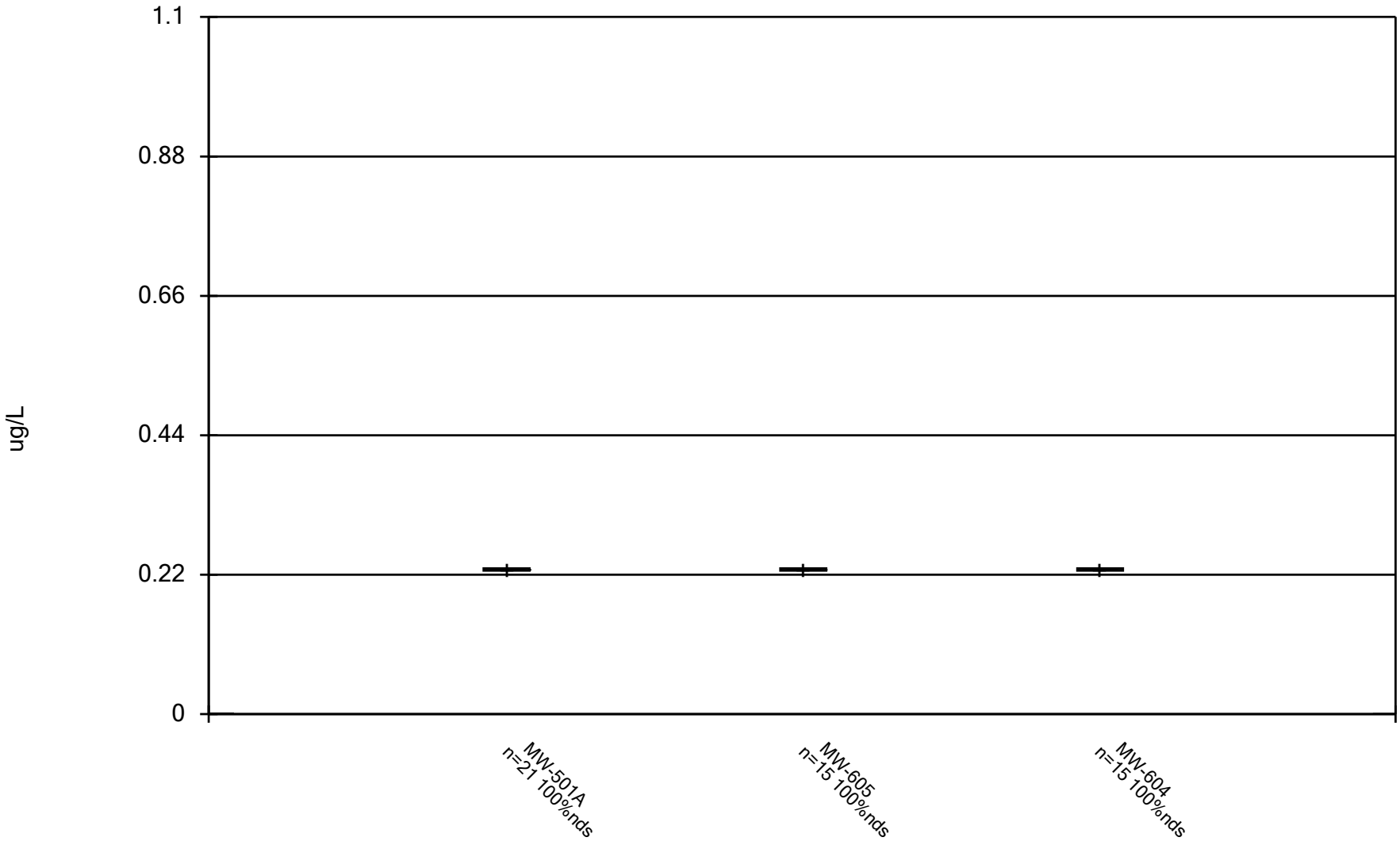


Constituent: 1,4-Dichlorobenzene Analysis Run 6/12/2025 2:16 PM View: All Wells - Appendix I VOCs

DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG

Box & Whiskers Plot



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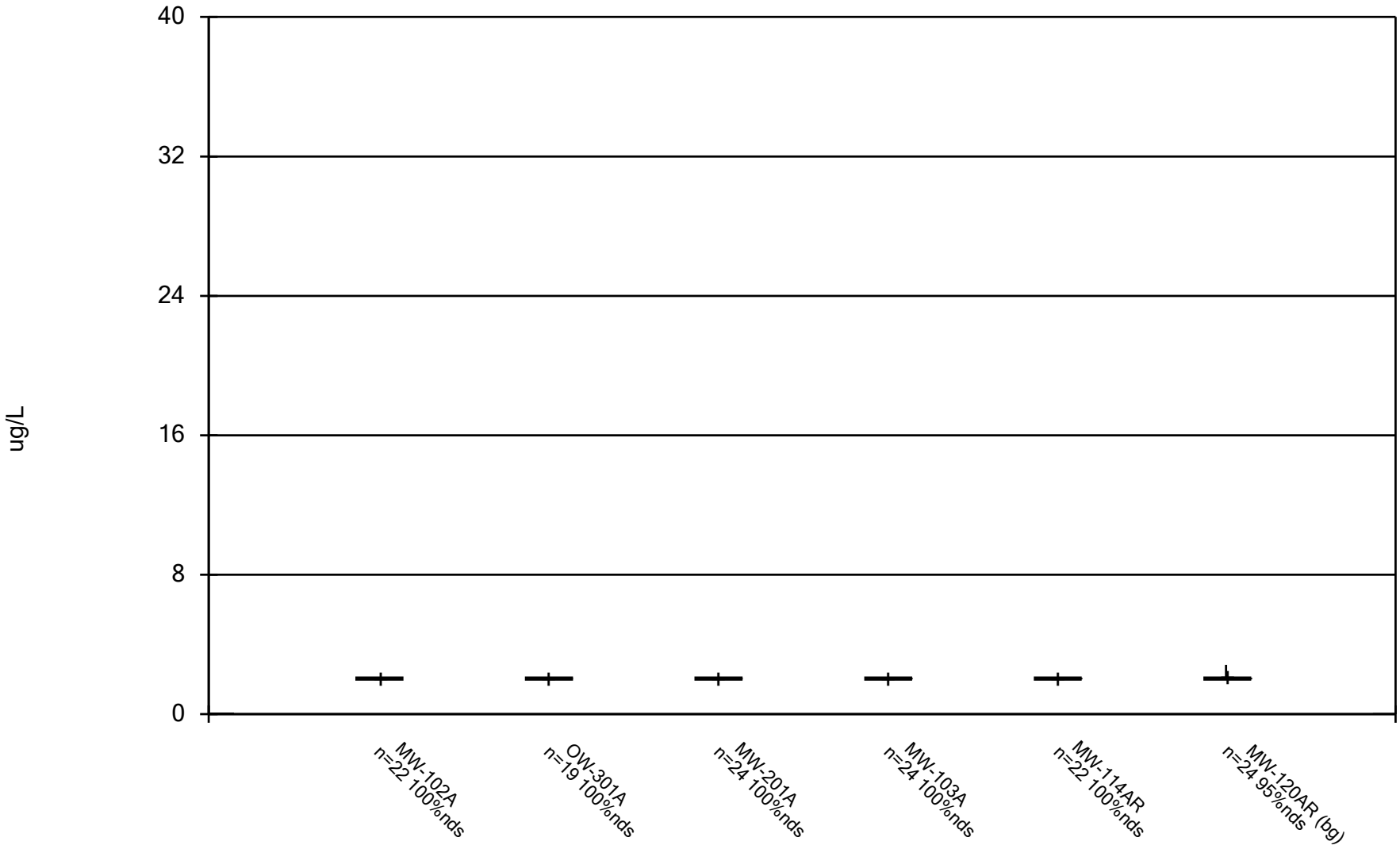
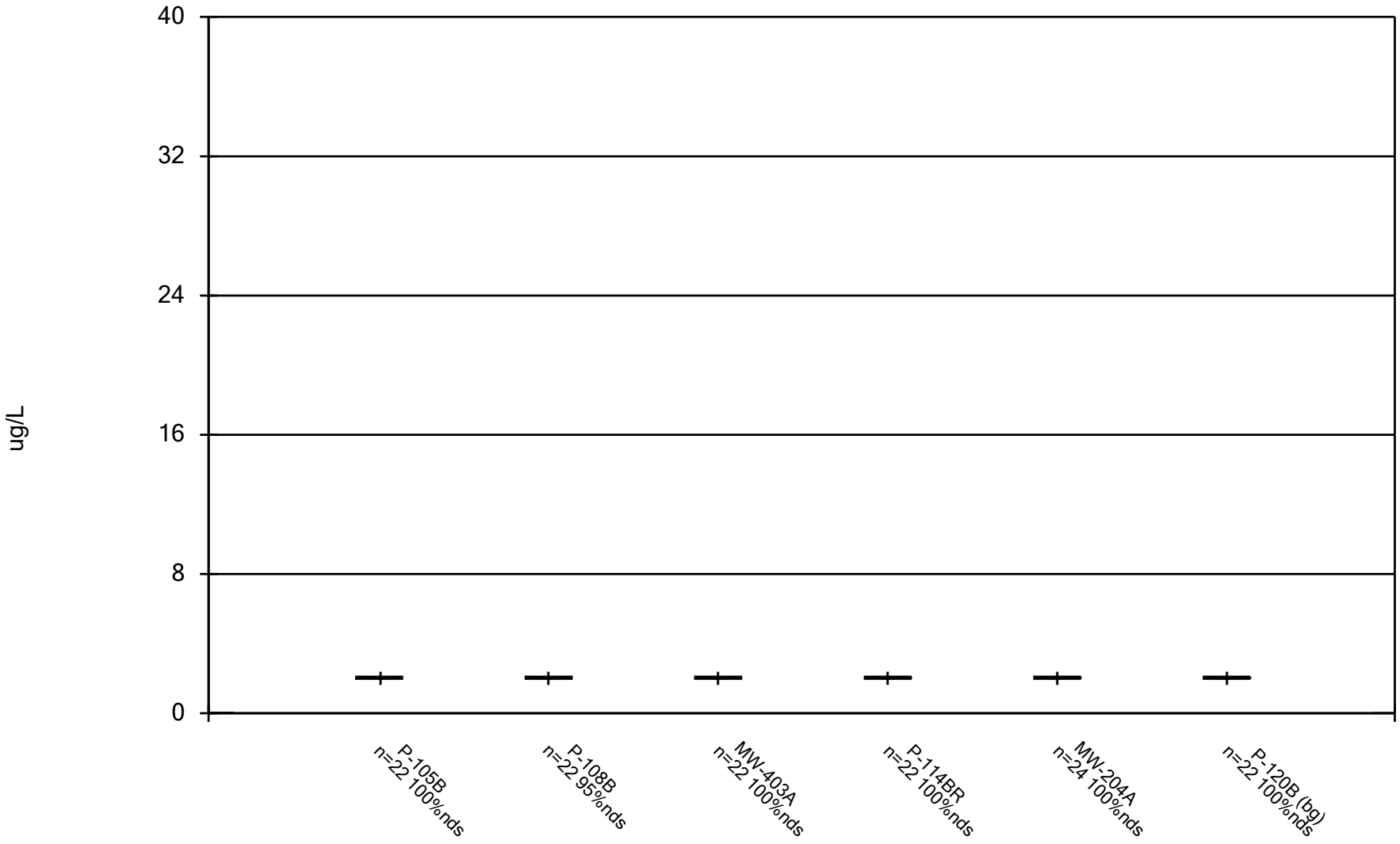
Box & Whiskers Plot



Constituent: 2-Butanone [MEK] Analysis Run 6/12/2025 2:16 PM View: All Wells - Appendix I VOCs DMASWA Data: DMASWA Database_Updated

Box & Whiskers Plot



Constituent: 2-Butanone [MEK] Analysis Run 6/12/2025 2:16 PM View: All Wells - Appendix I VOCs DMASWA Data: DMASWA Database_Updated

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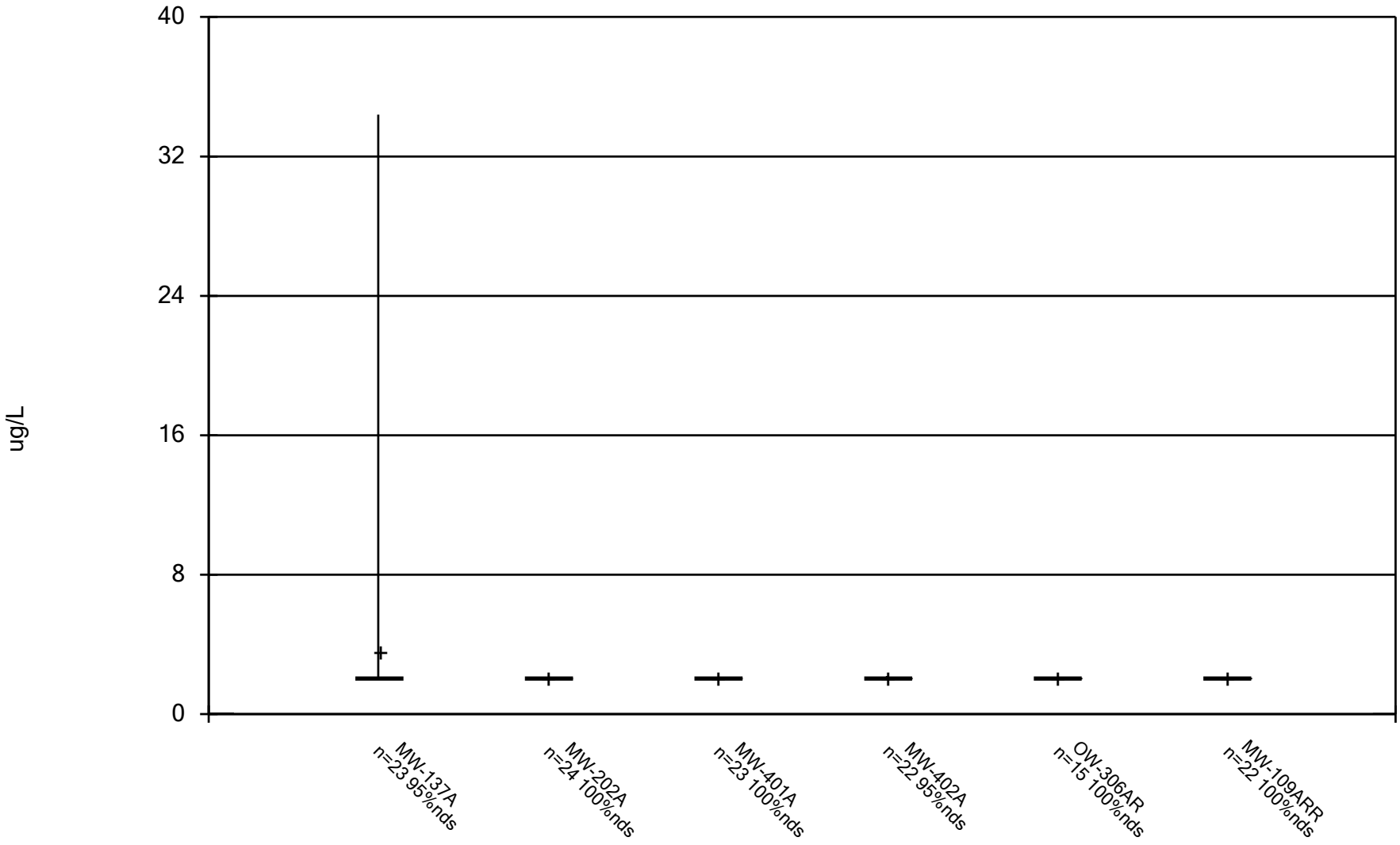
Box & Whiskers Plot



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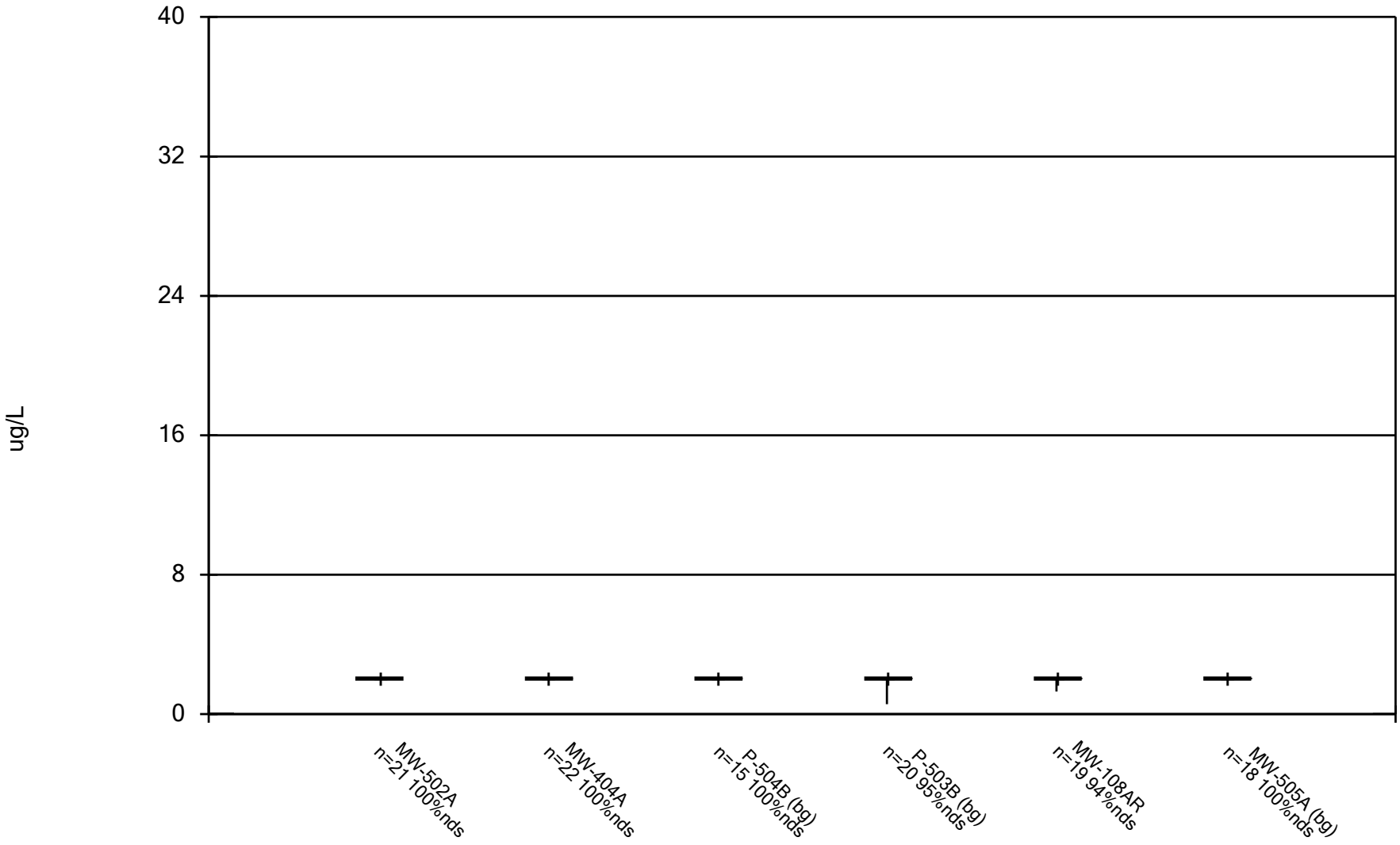
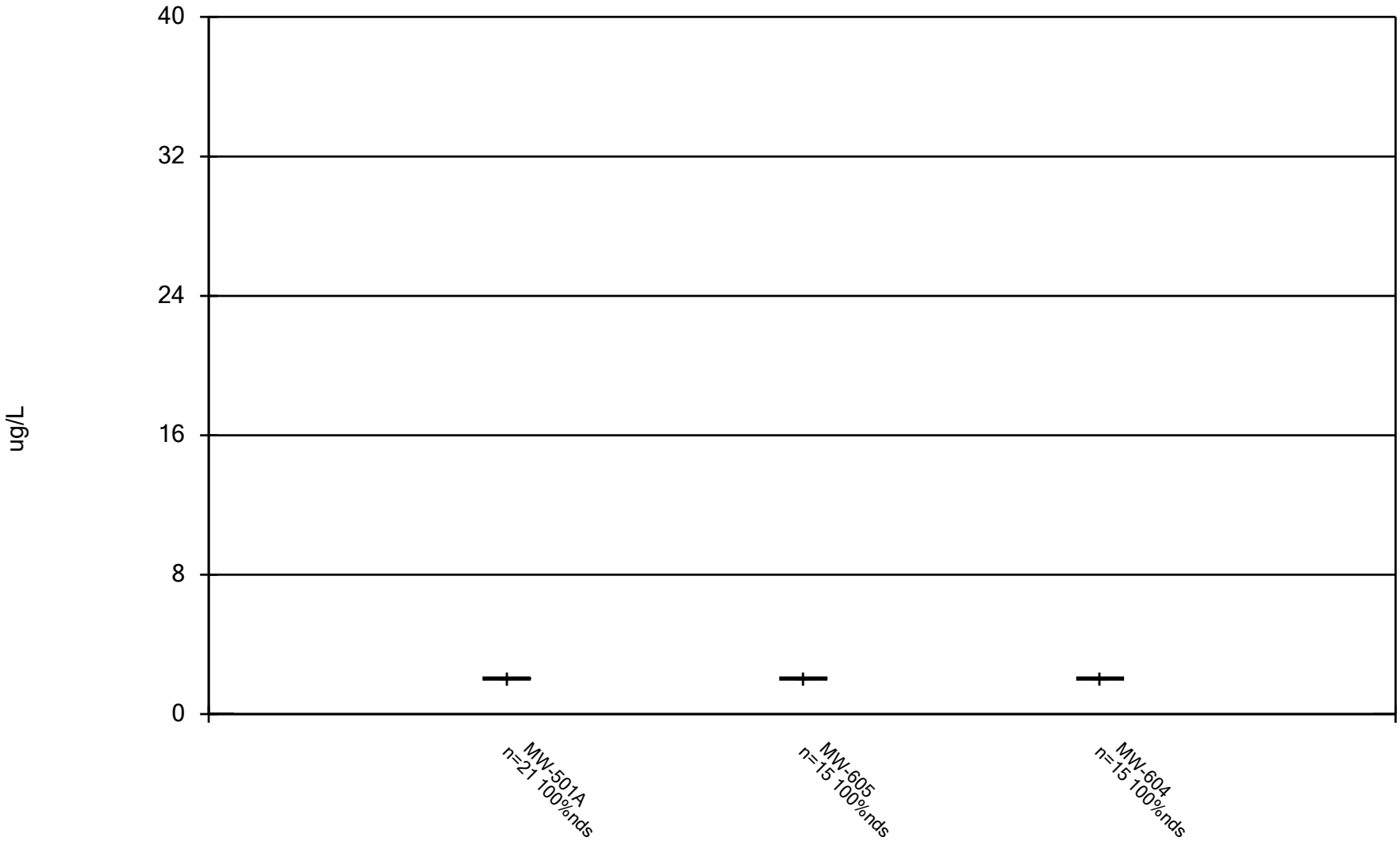
Box & Whiskers Plot



Constituent: 2-Butanone [MEK] Analysis Run 6/12/2025 2:16 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG

Box & Whiskers Plot



Constituent: 2-Butanone [MEK] Analysis Run 6/12/2025 2:16 PM View: All Wells - Appendix I VOCs DMASWA Data: DMASWA Database_Updated

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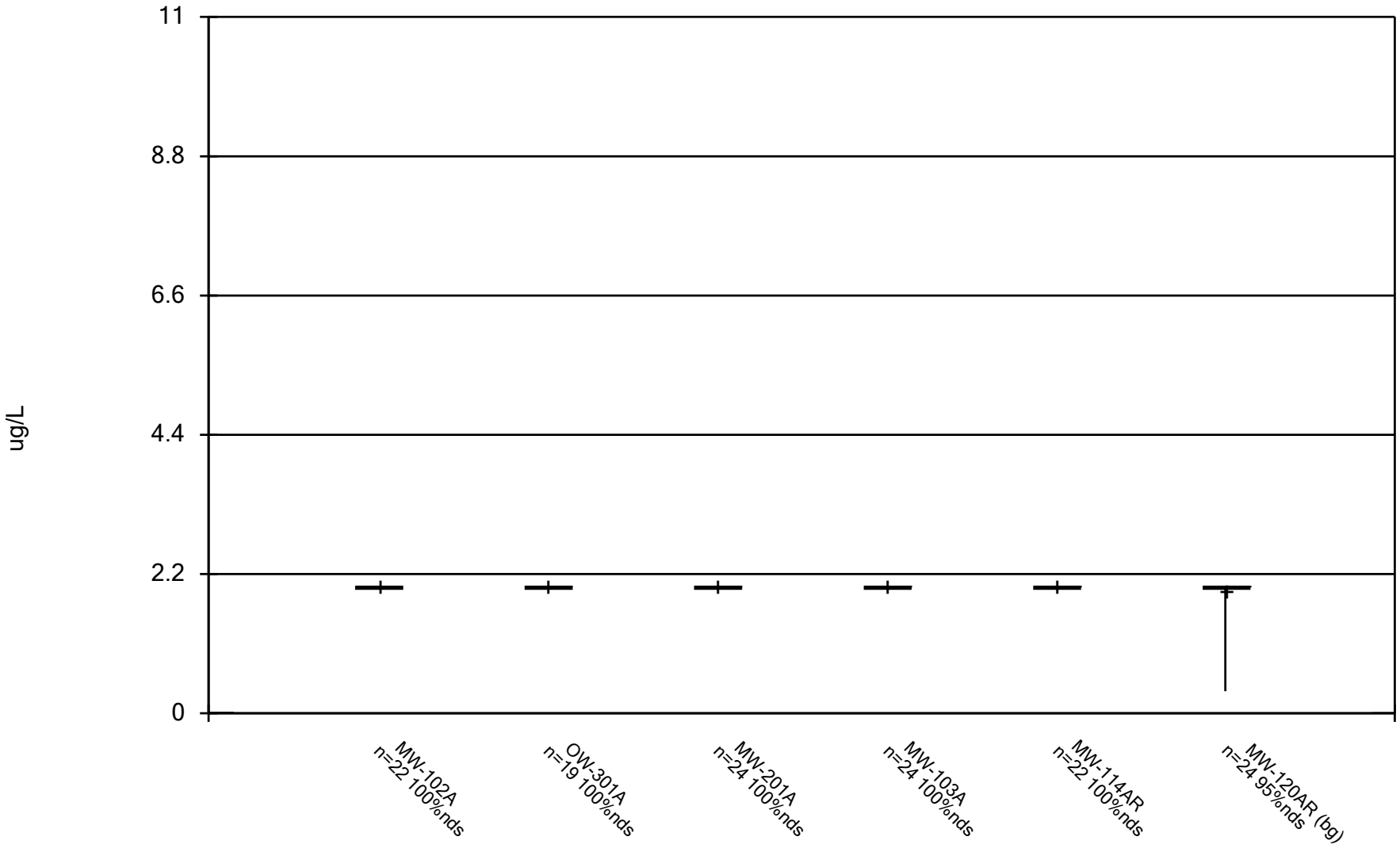
Box & Whiskers Plot



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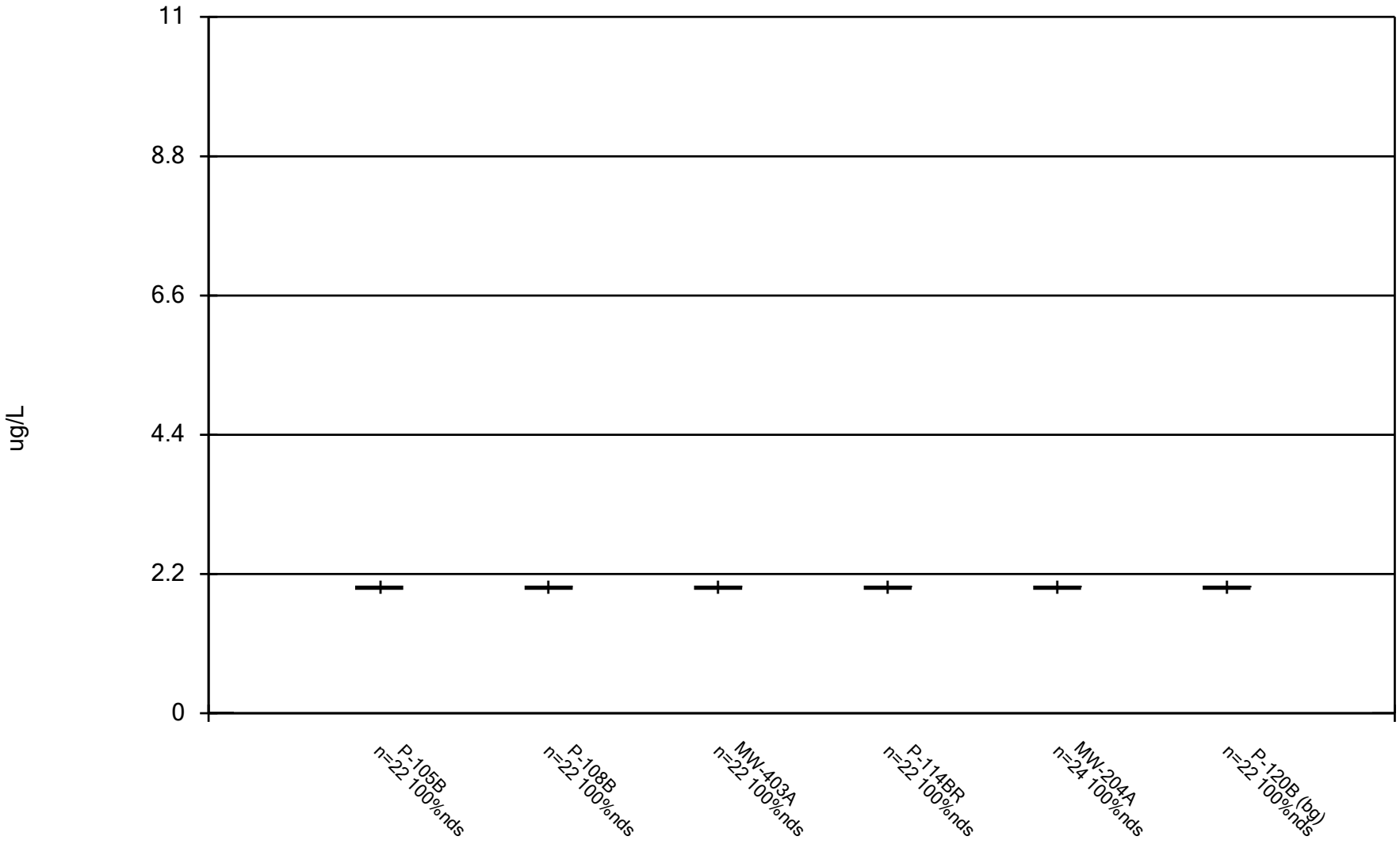
Box & Whiskers Plot



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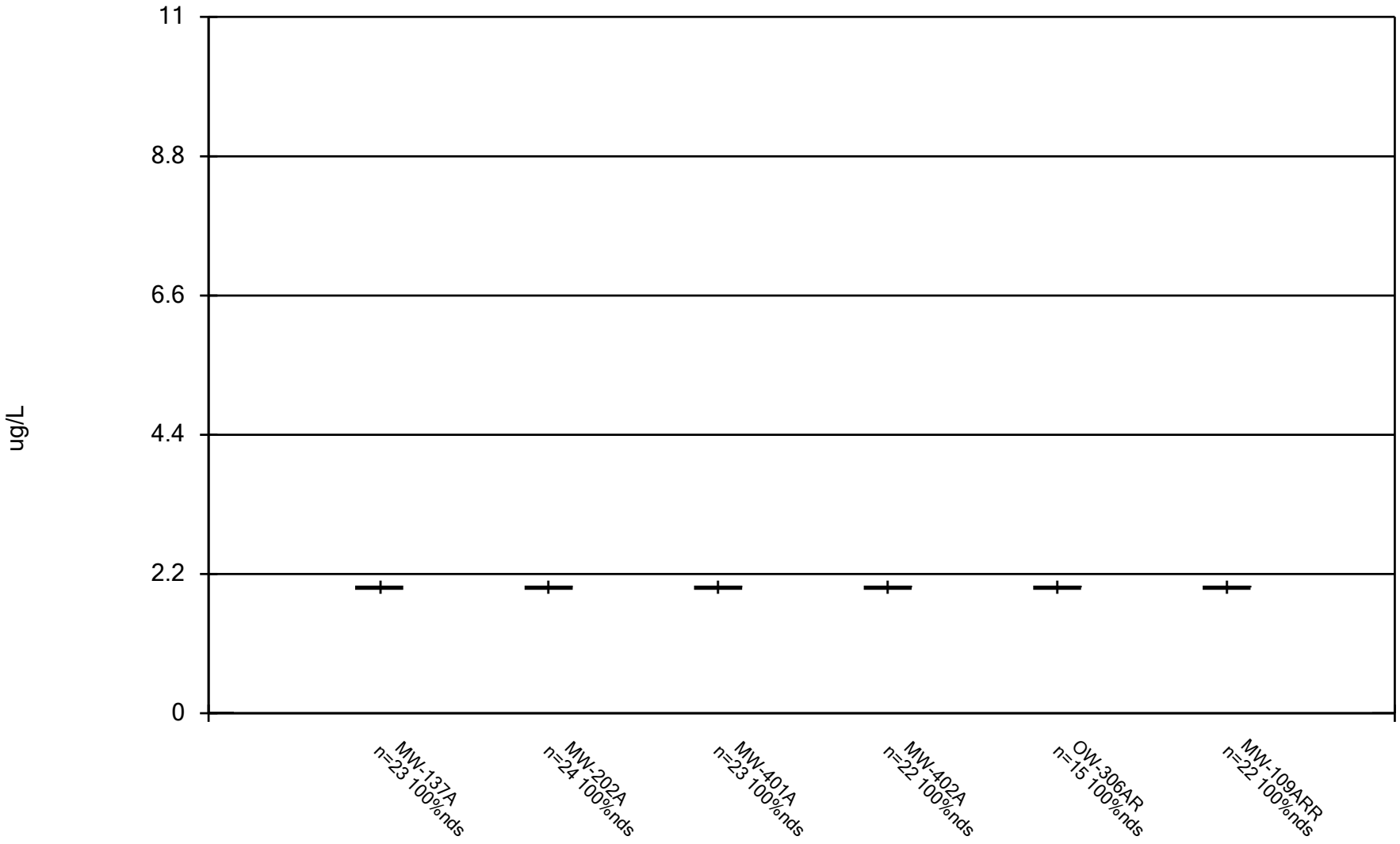
Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG

Box & Whiskers Plot



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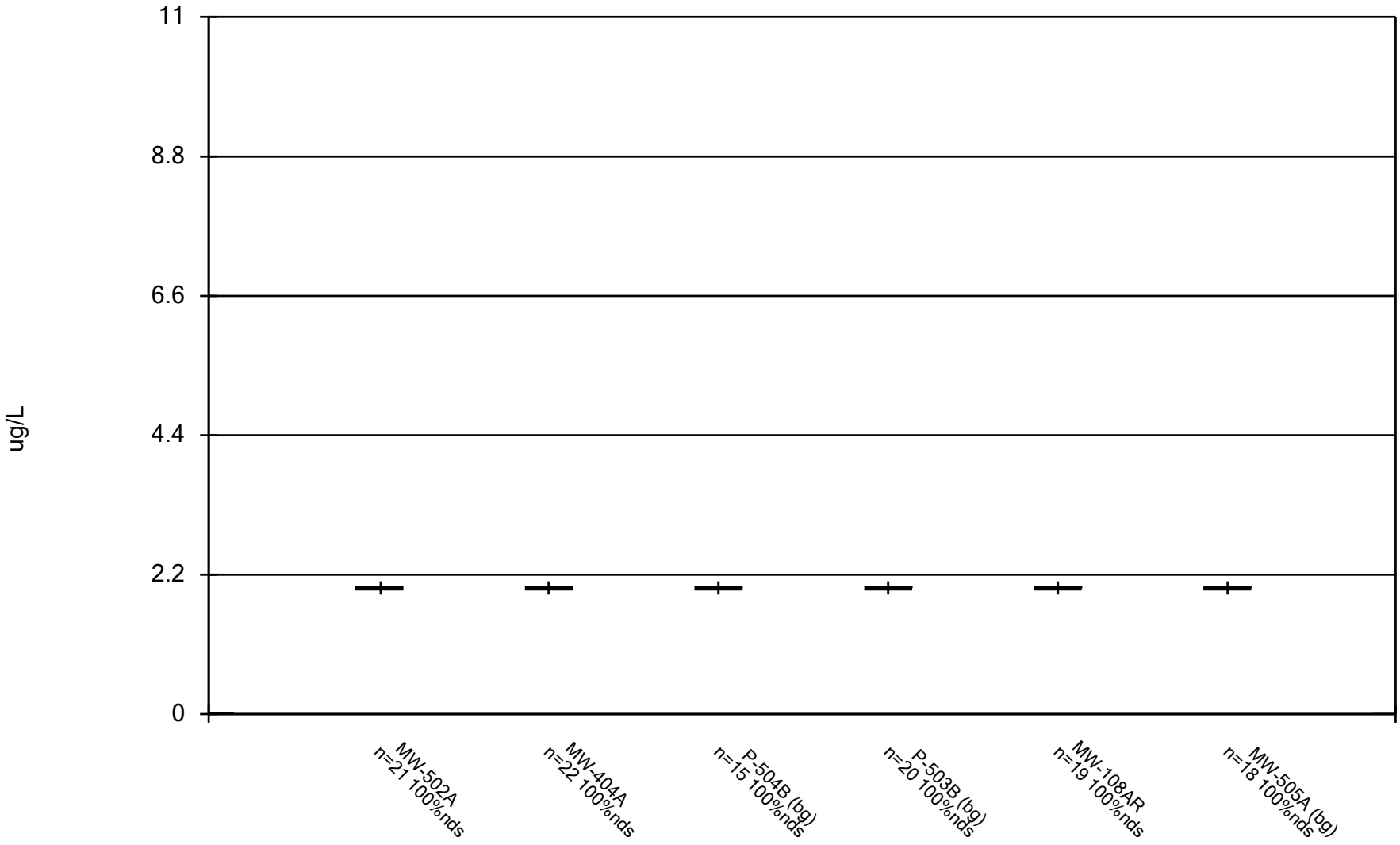
Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG

Box & Whiskers Plot



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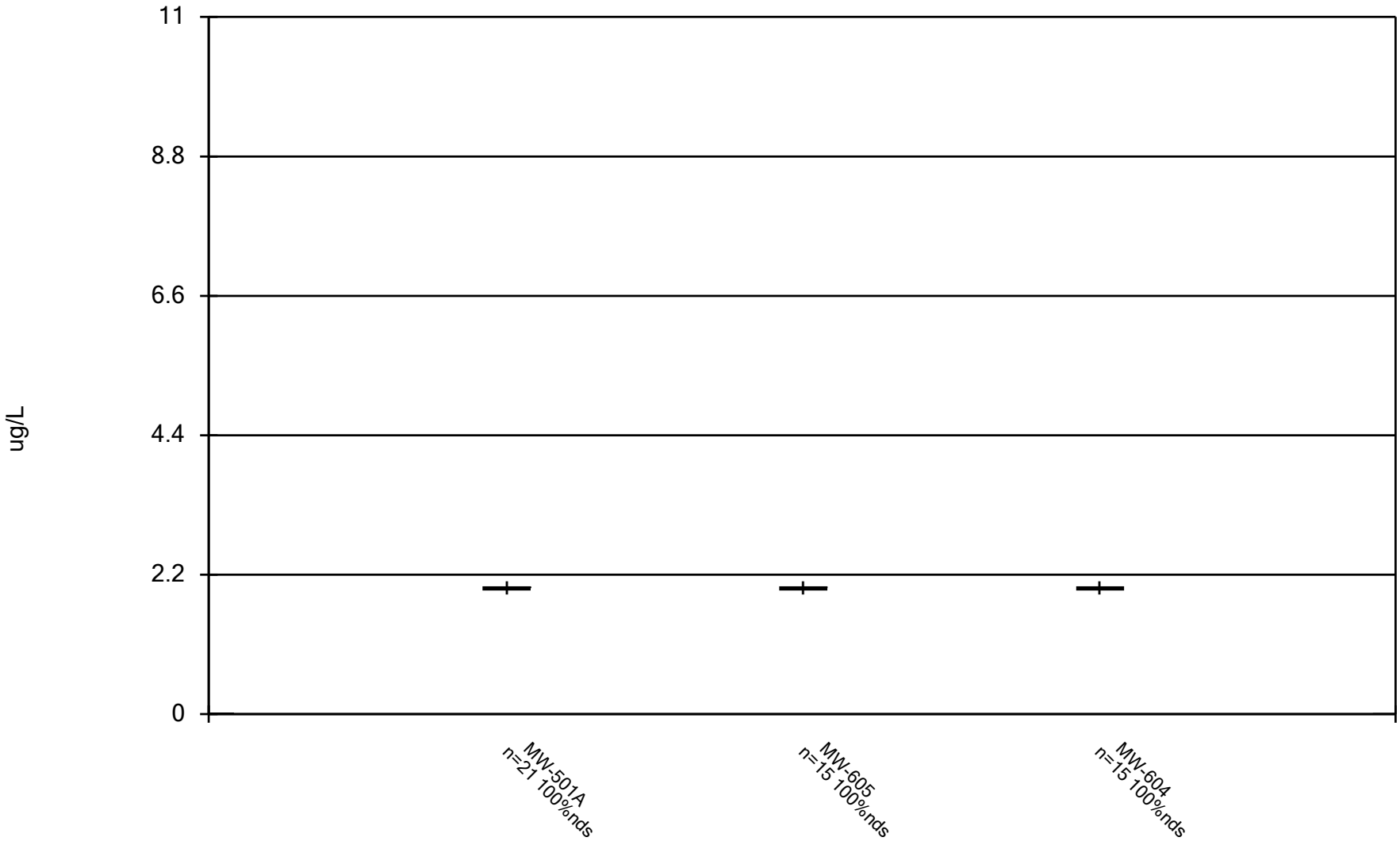
Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG

Box & Whiskers Plot



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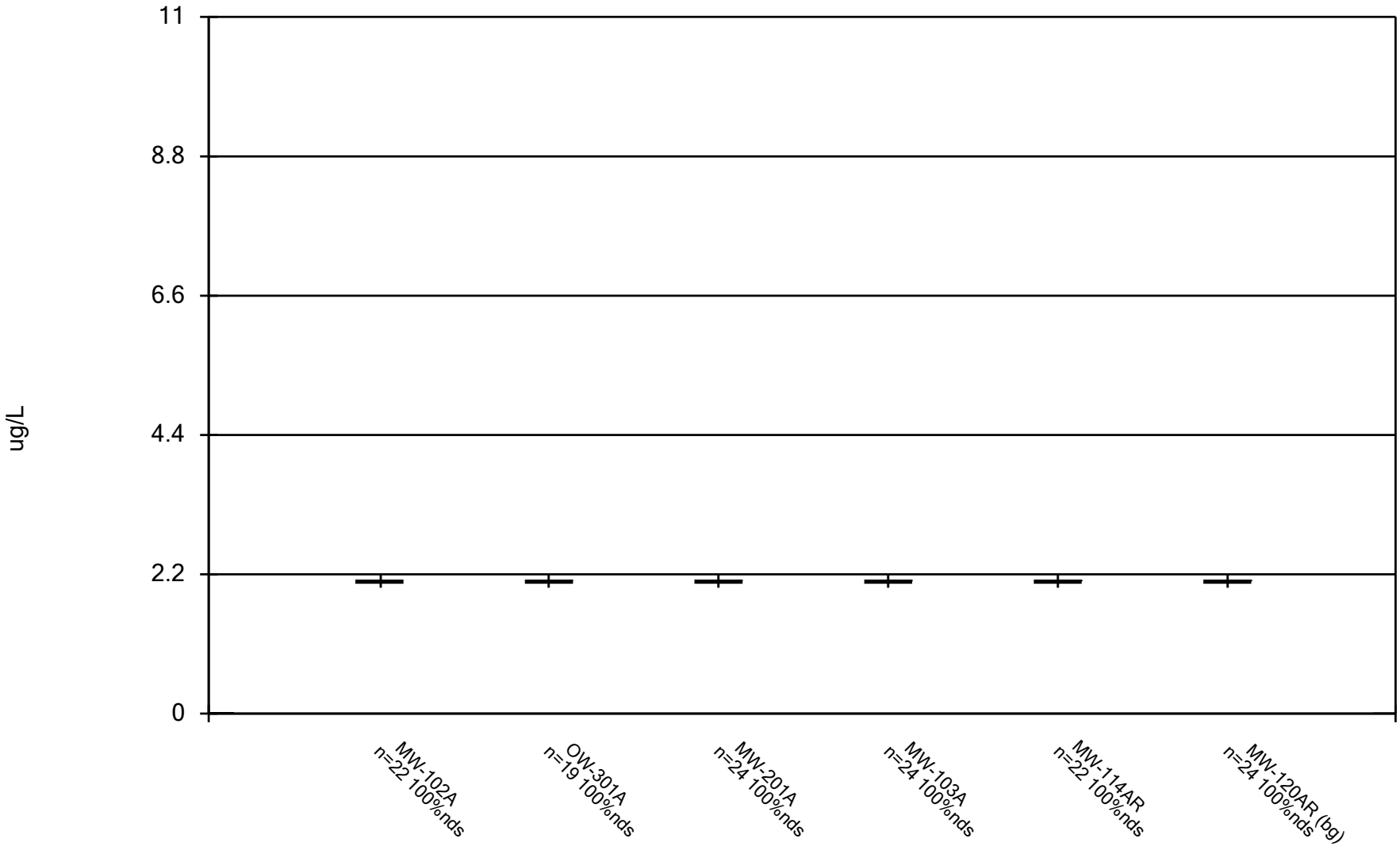
Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG

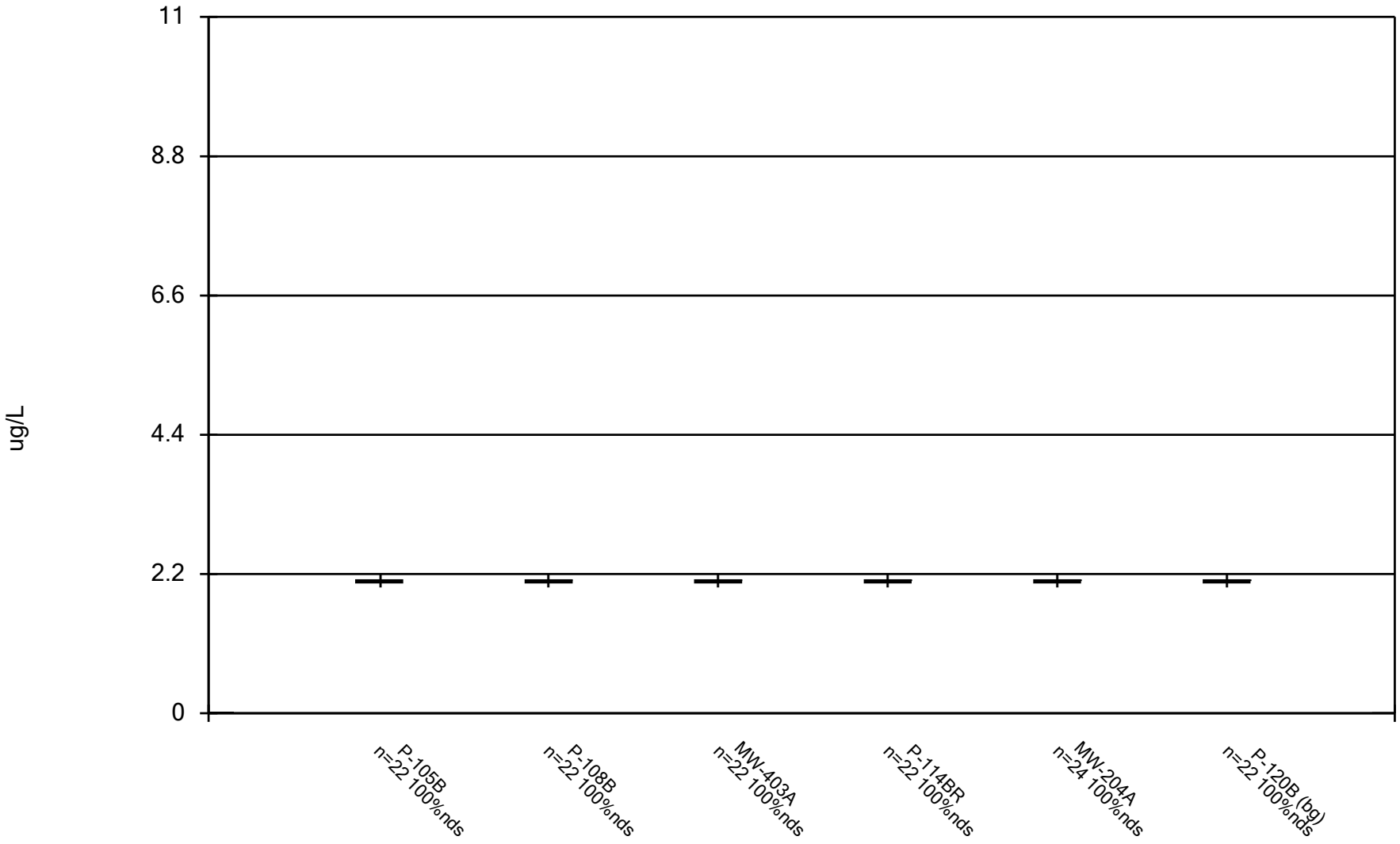
Box & Whiskers Plot



Constituent: 4-Methyl-2-pentanone Analysis Run 6/12/2025 2:17 PM View: All Wells - Appendix I VOCs DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG

Box & Whiskers Plot



Constituent: 4-Methyl-2-pentanone Analysis Run 6/12/2025 2:17 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

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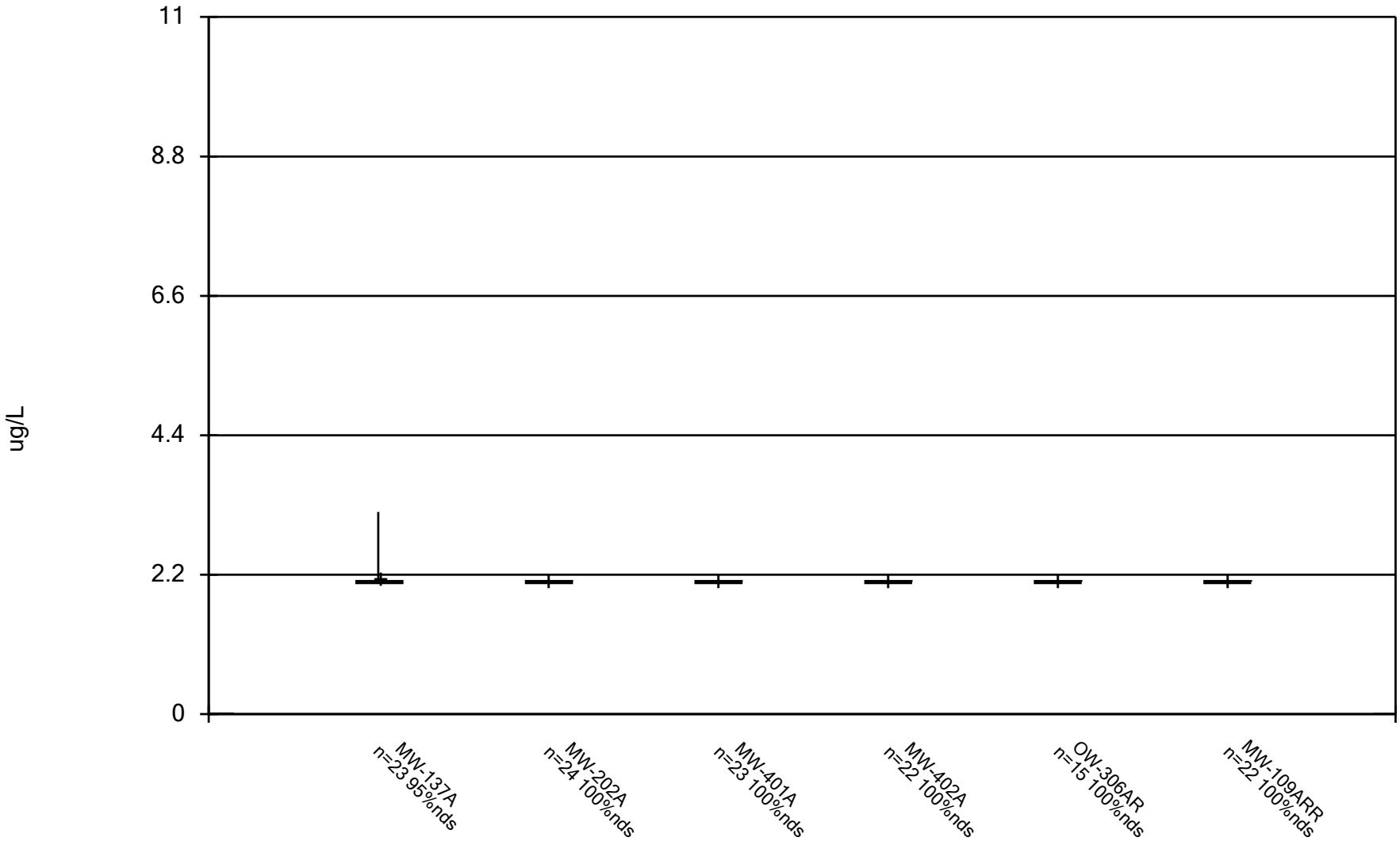
Box & Whiskers Plot



Constituent: 4-Methyl-2-pentanone Analysis Run 6/12/2025 2:17 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

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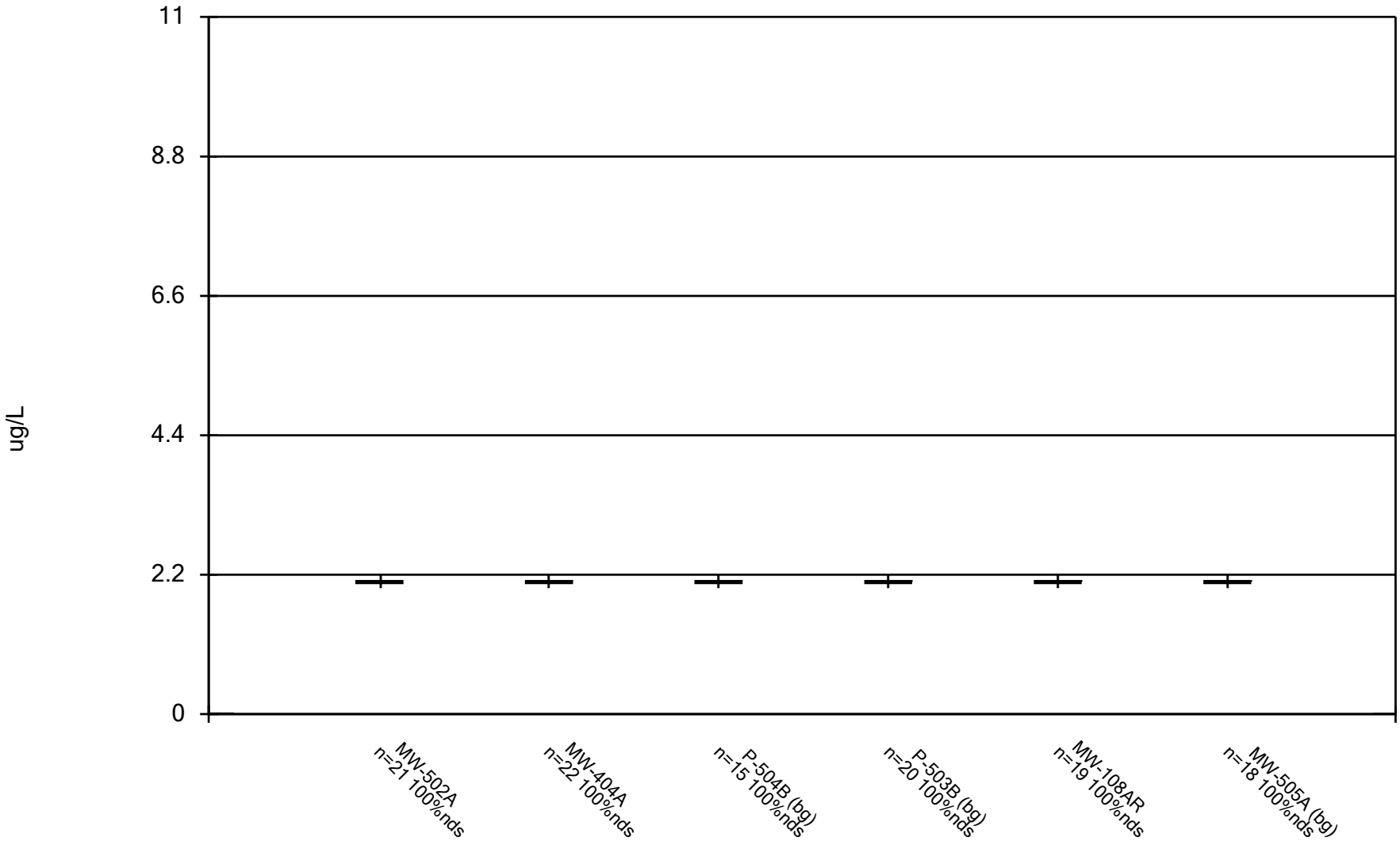
Box & Whiskers Plot



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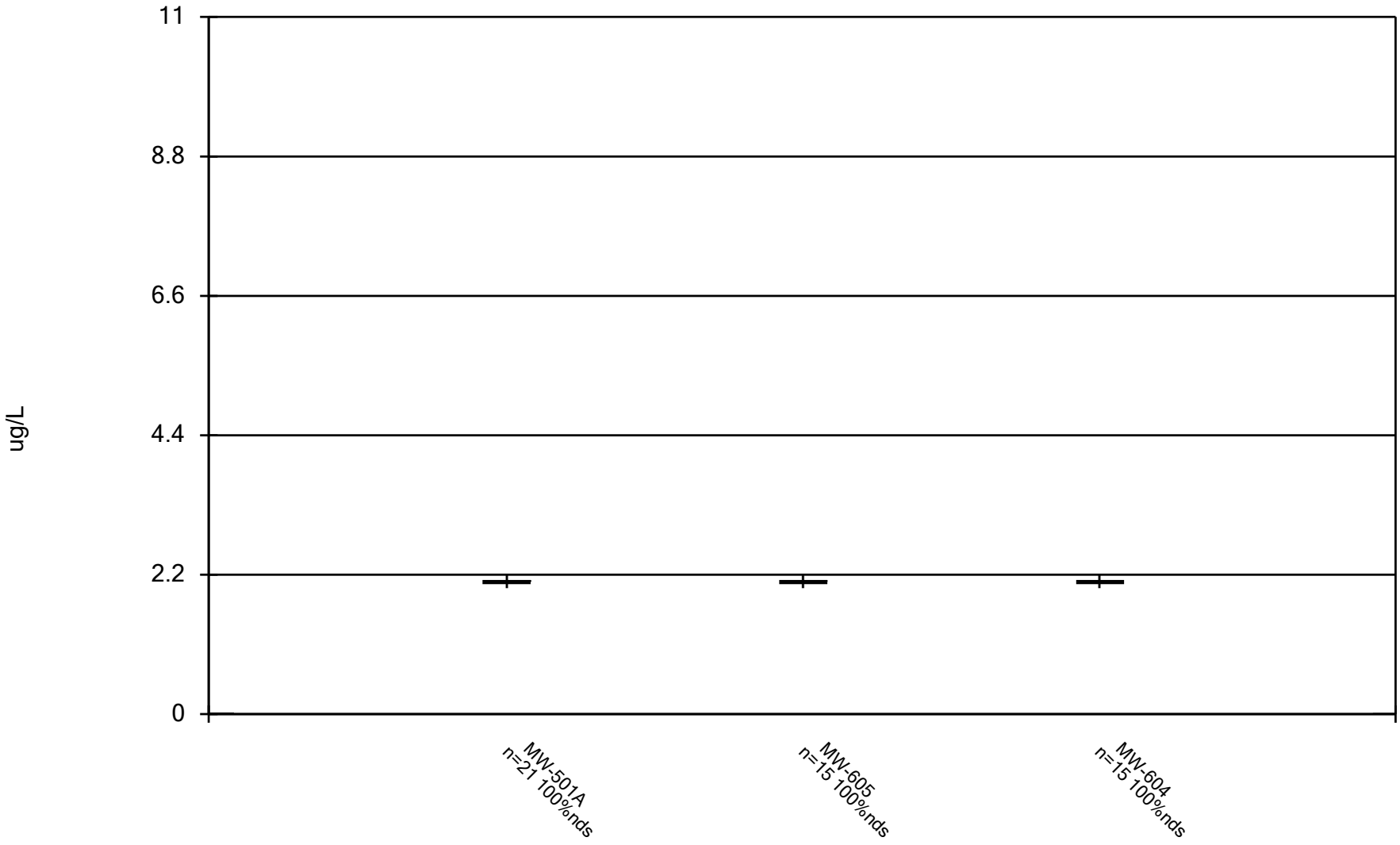
Box & Whiskers Plot



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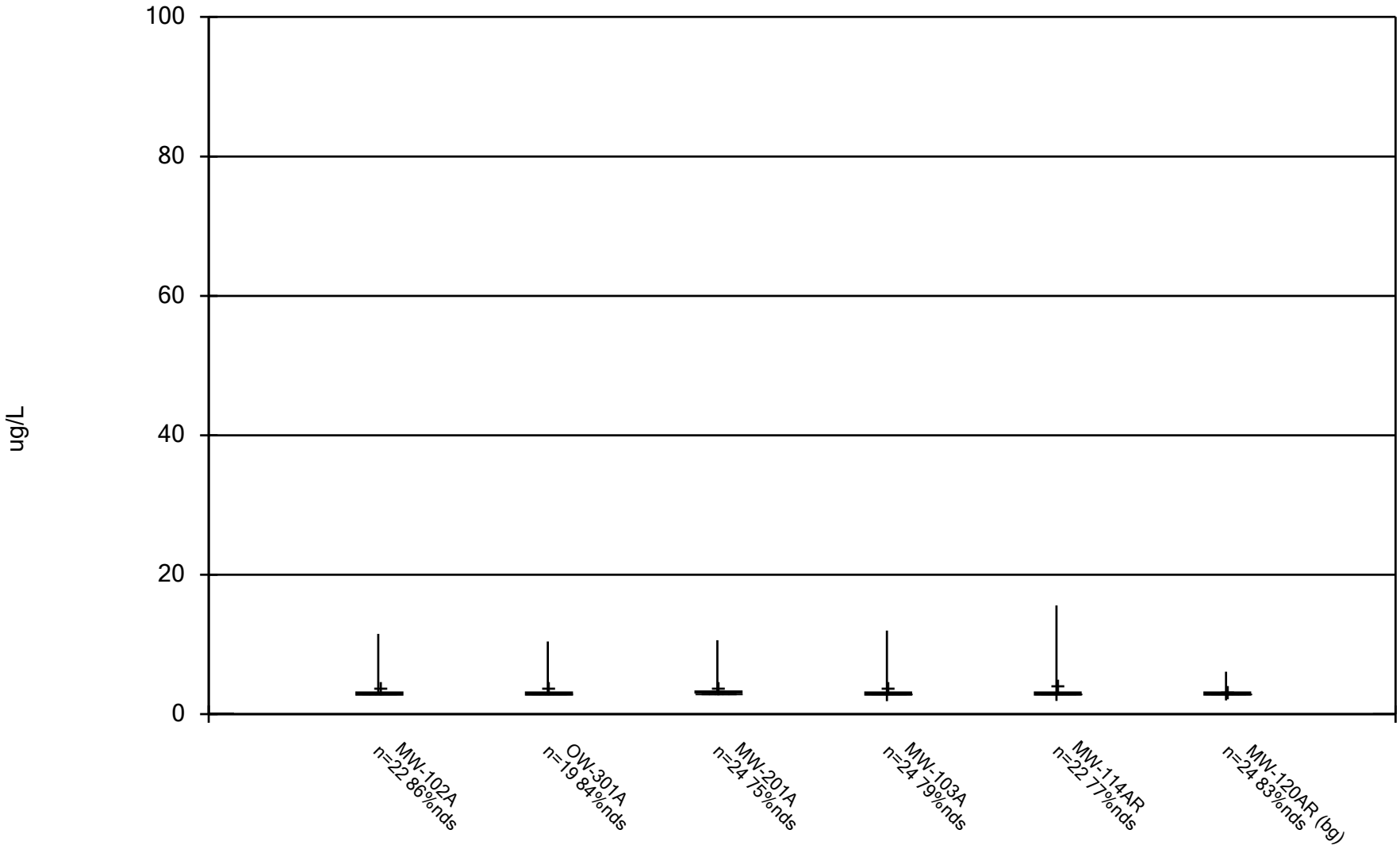
Box & Whiskers Plot



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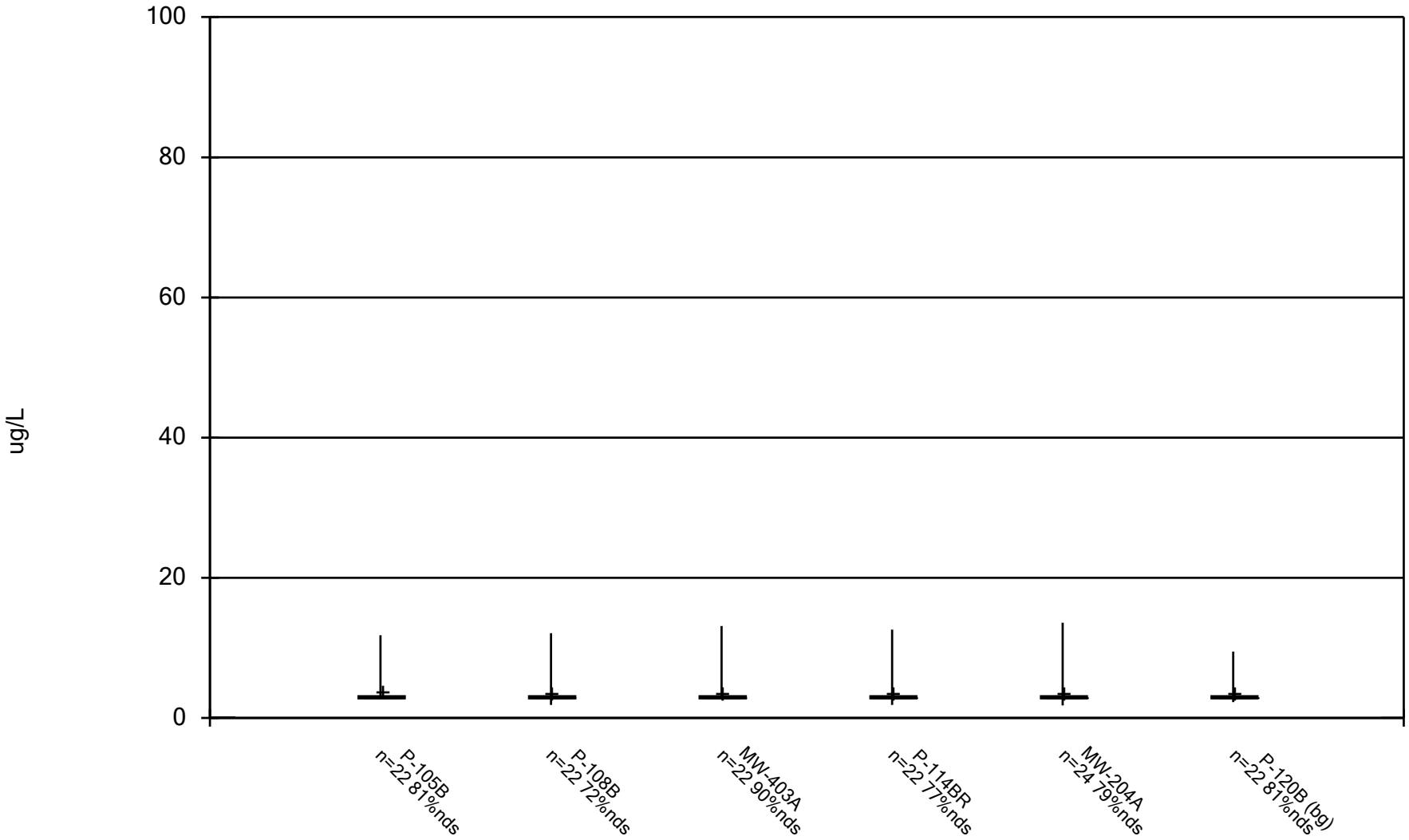
Box & Whiskers Plot



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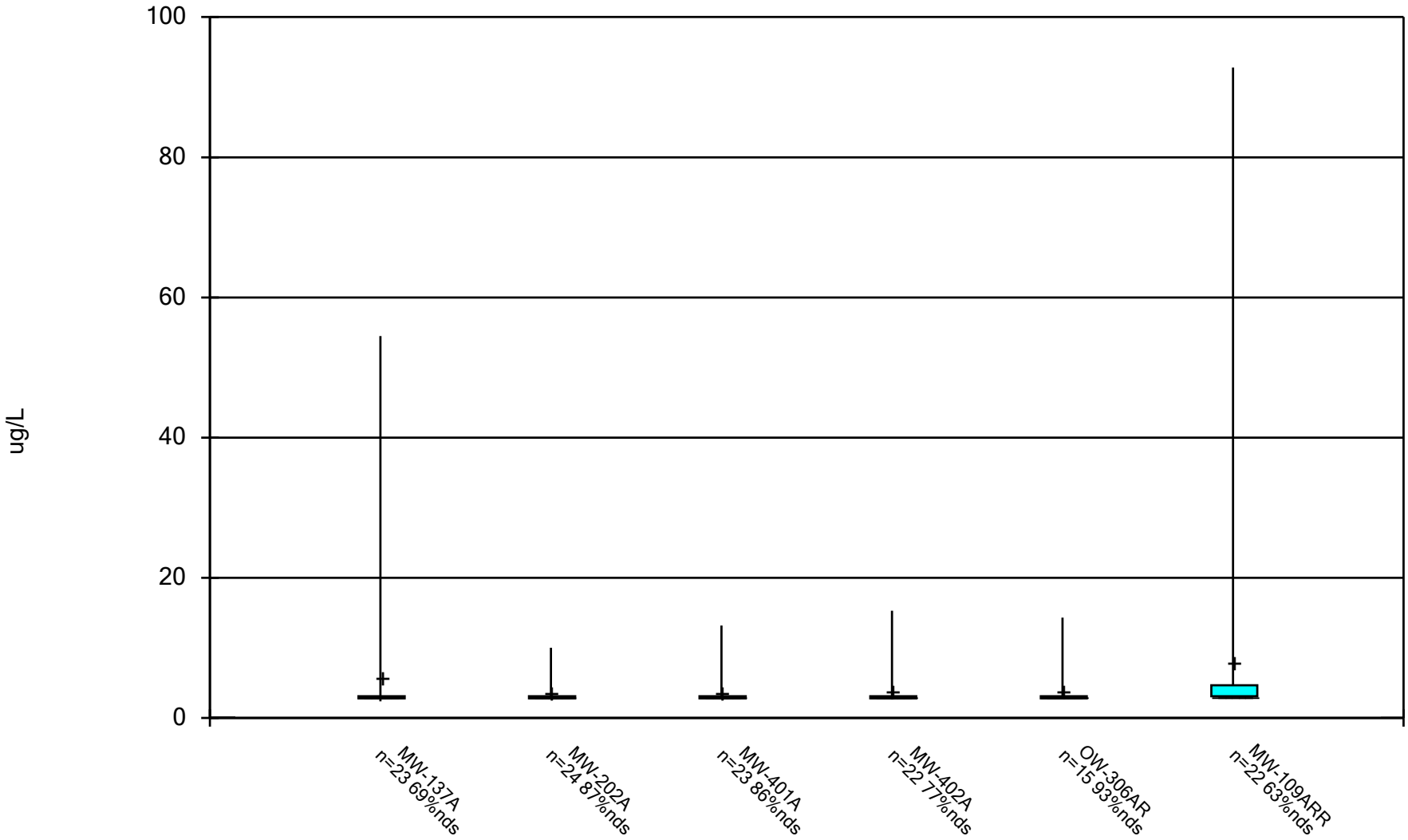
Box & Whiskers Plot



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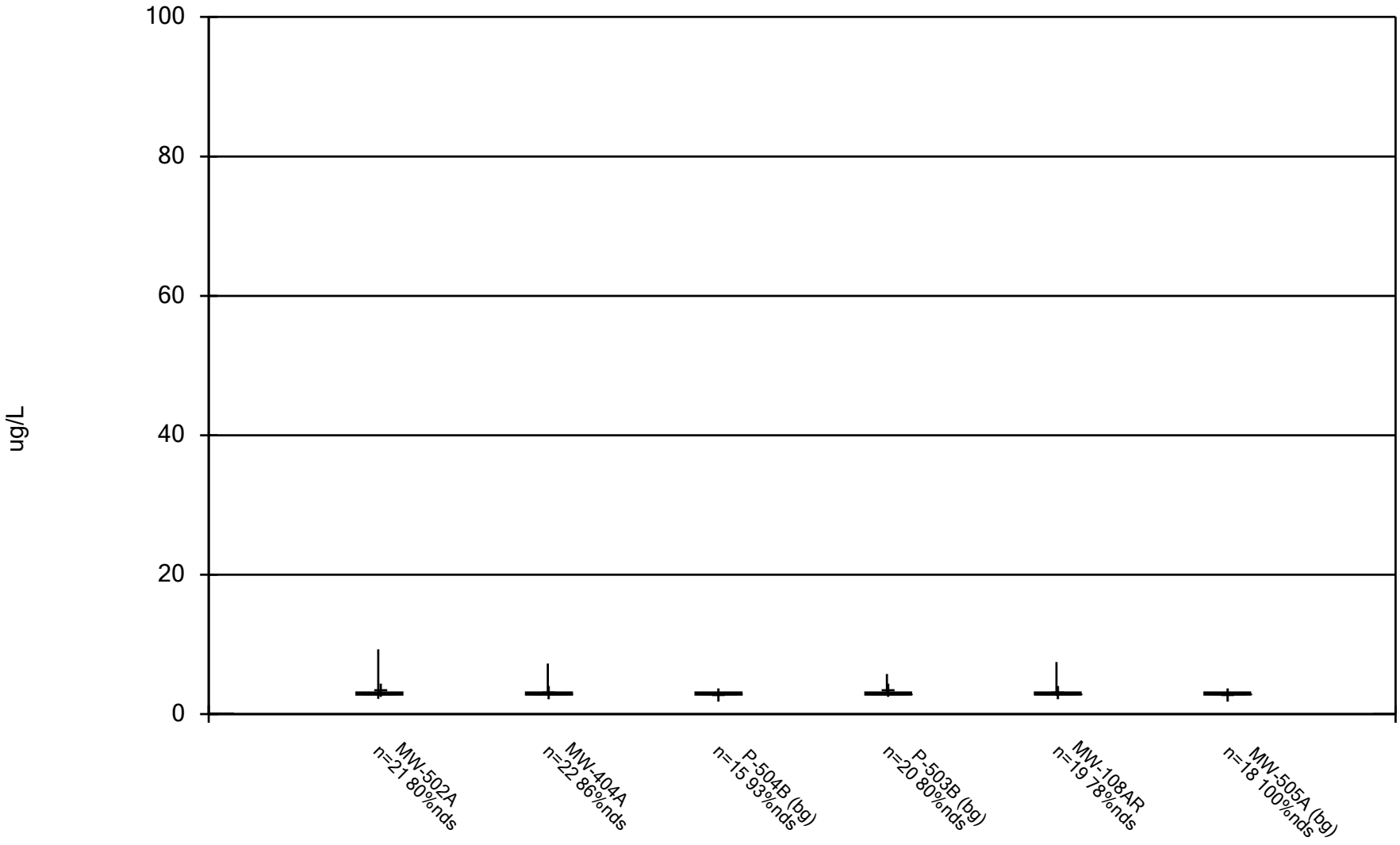
Box & Whiskers Plot



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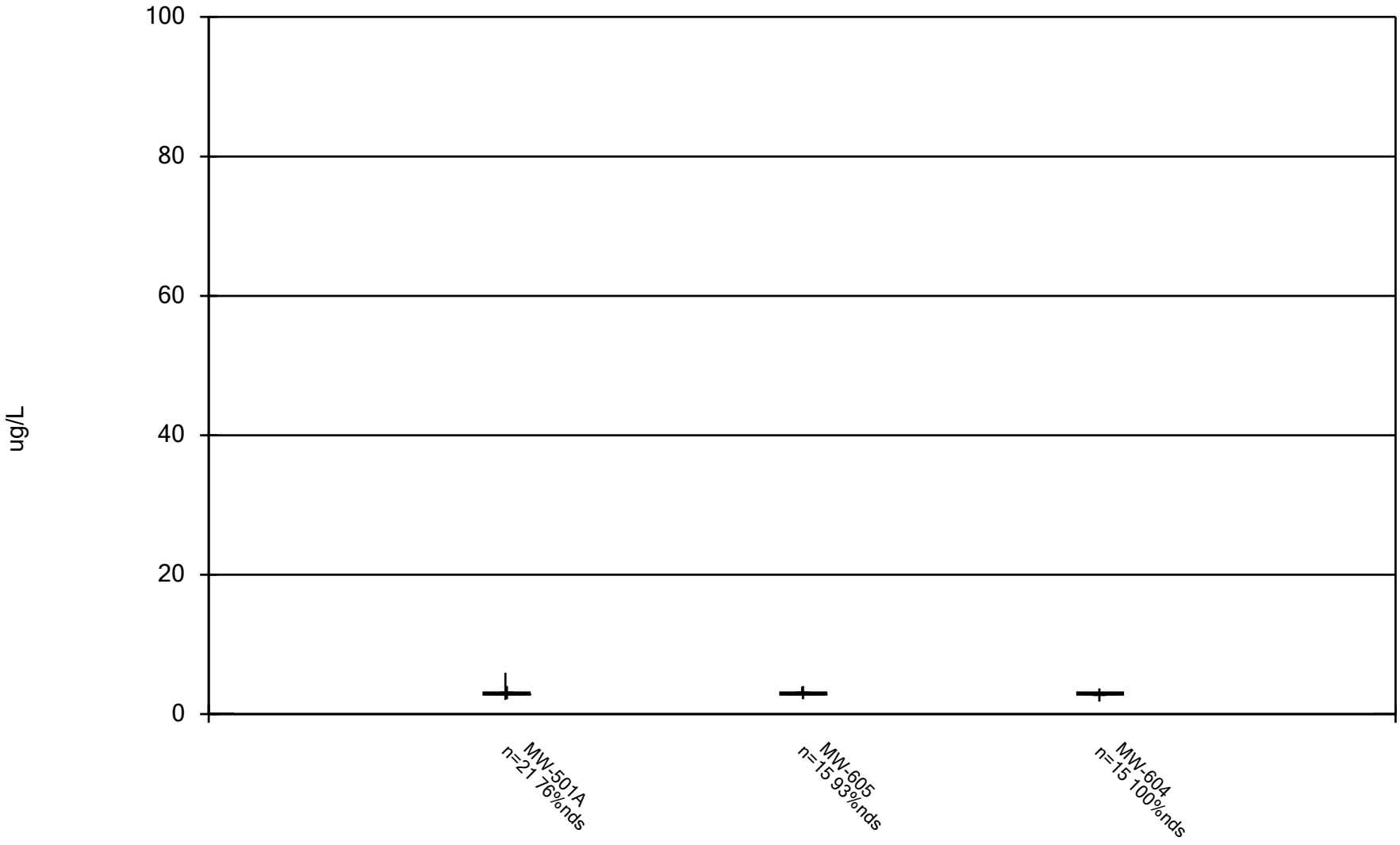
Box & Whiskers Plot



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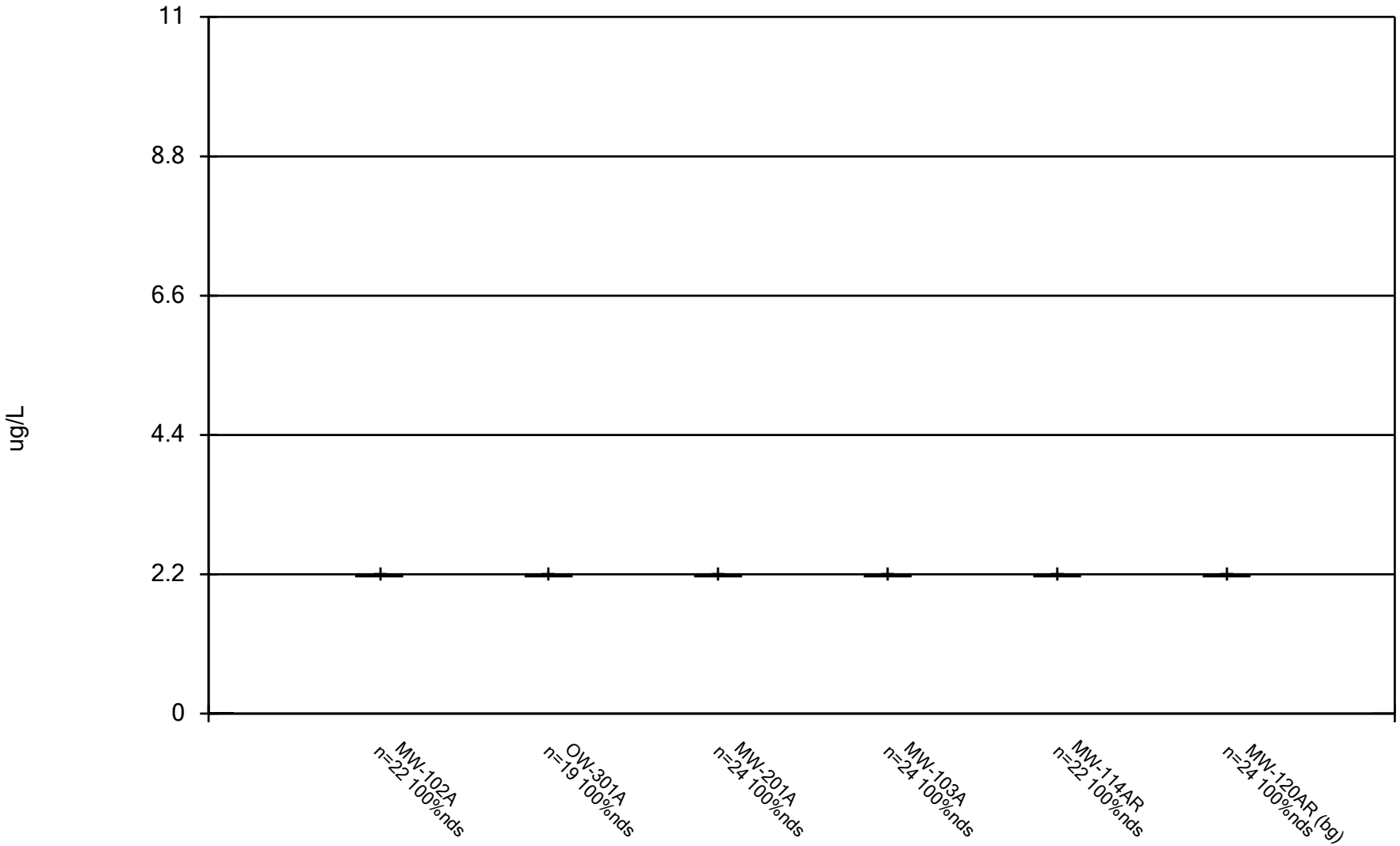
Box & Whiskers Plot



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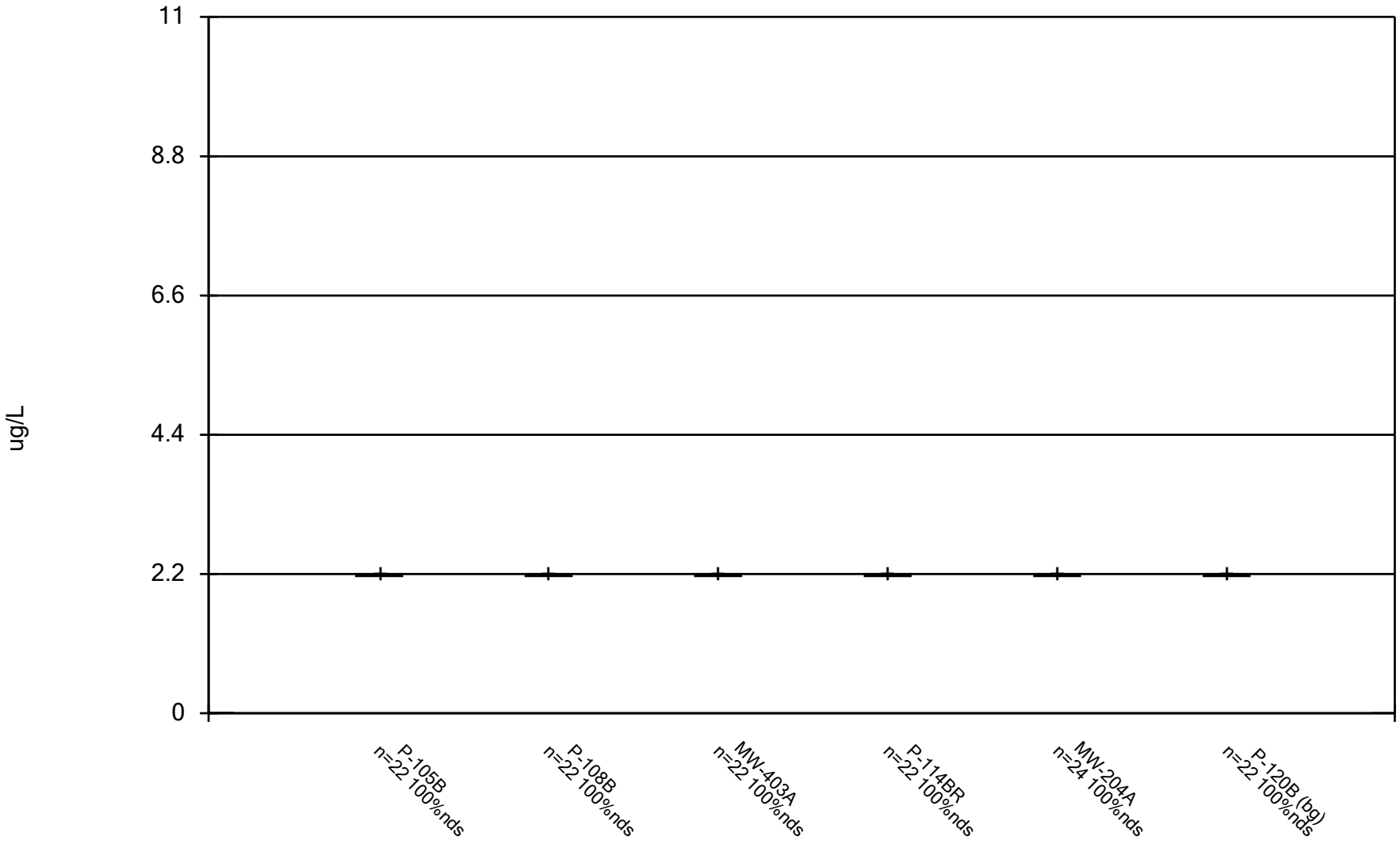
Box & Whiskers Plot



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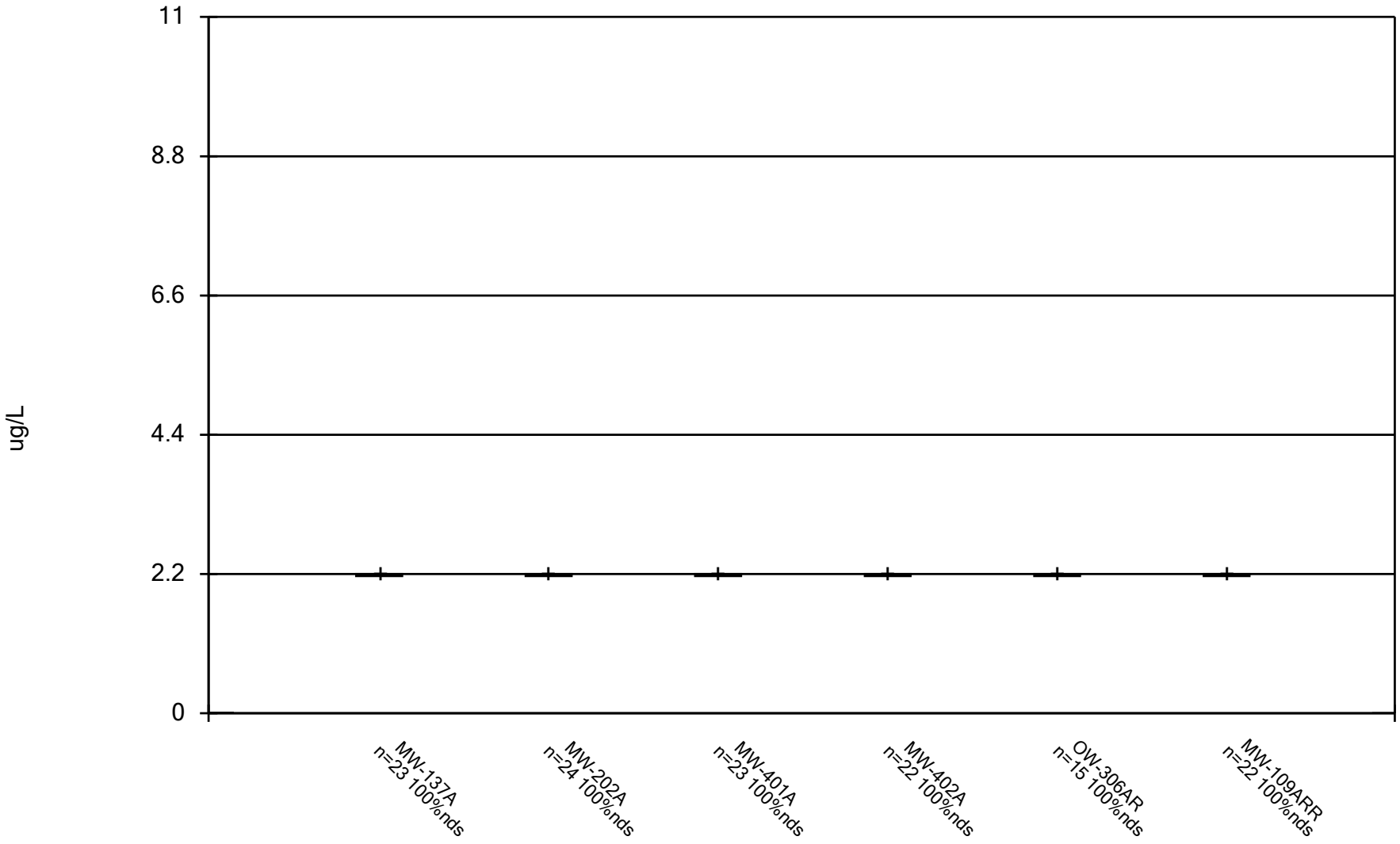

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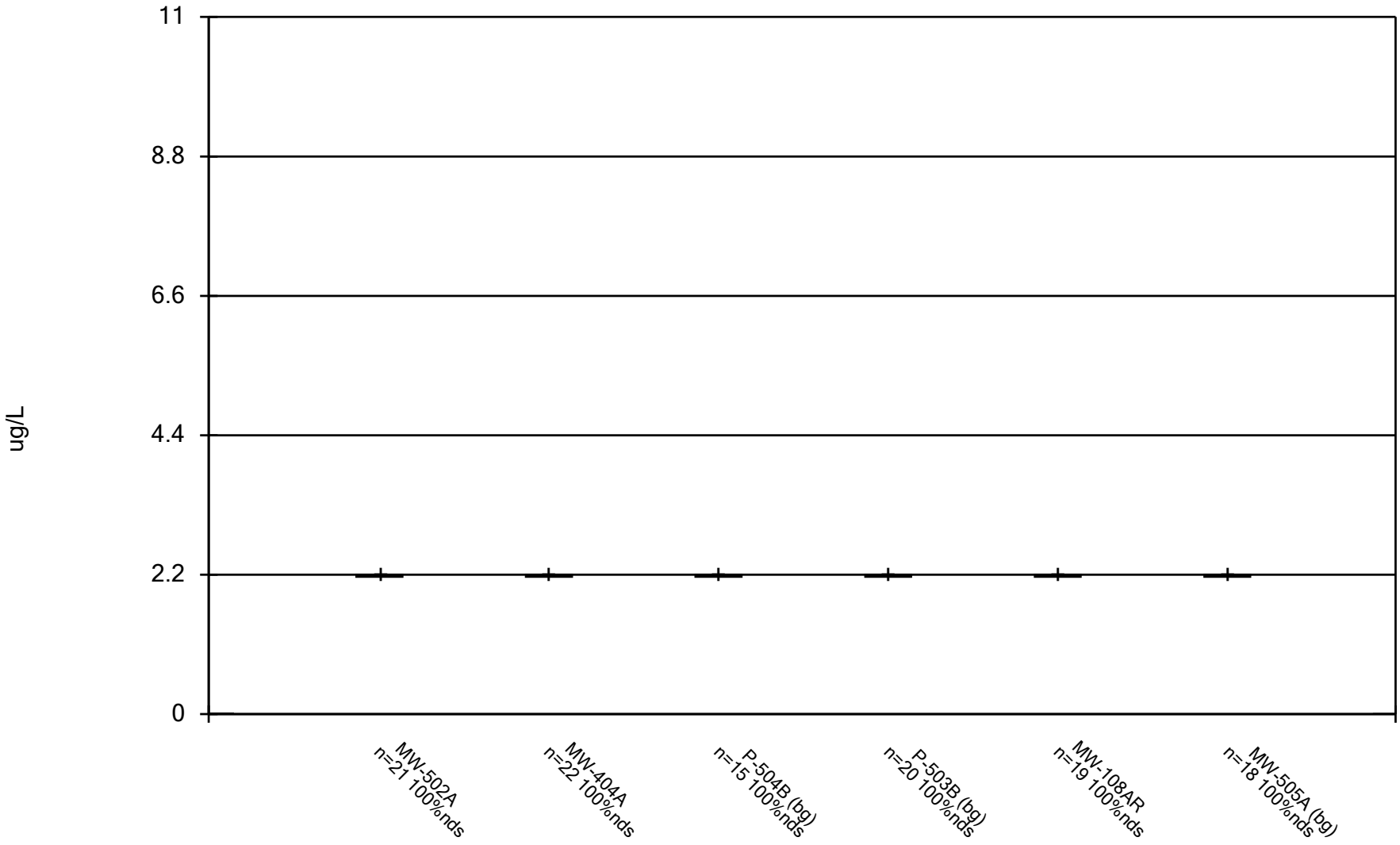
Box & Whiskers Plot



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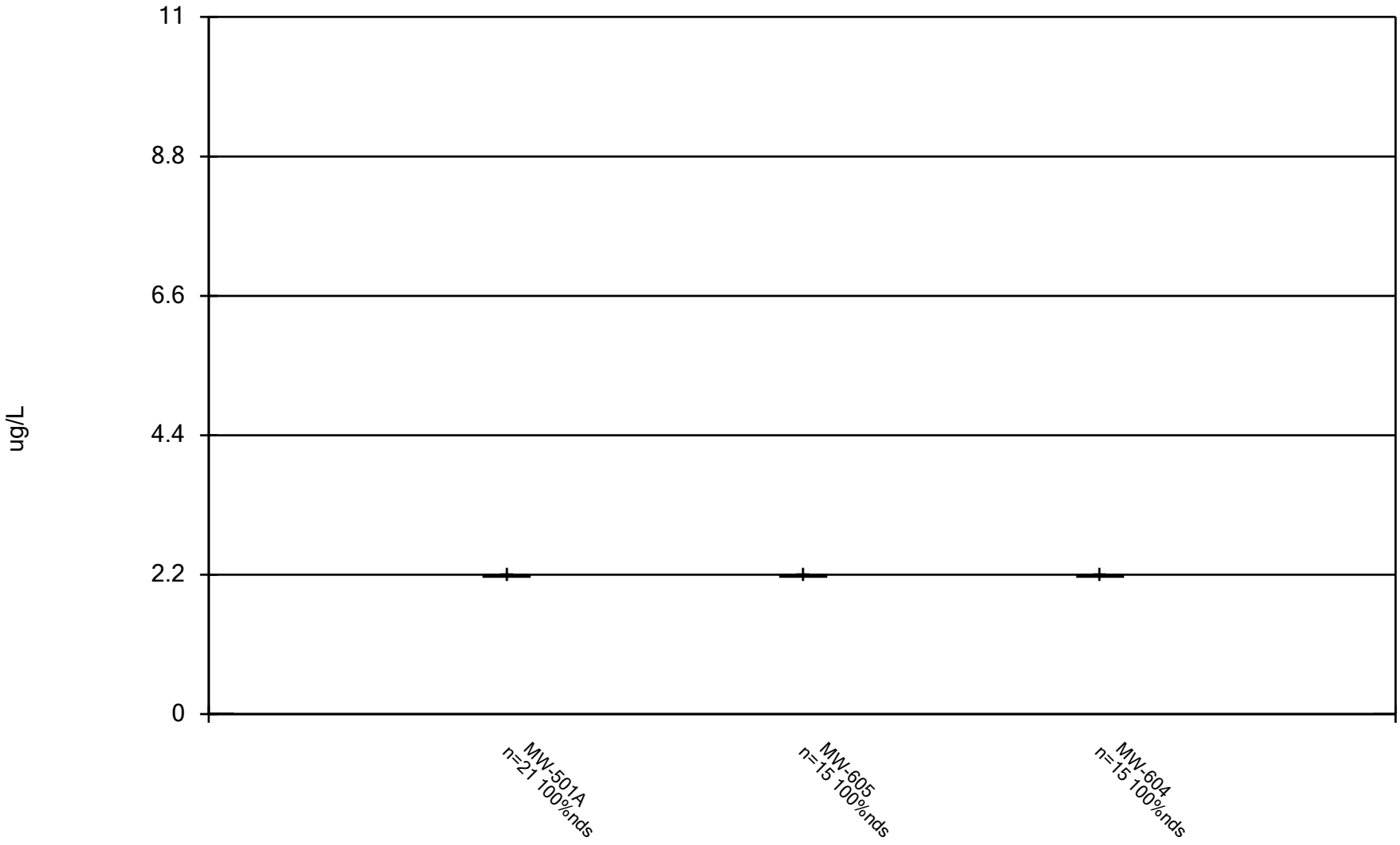

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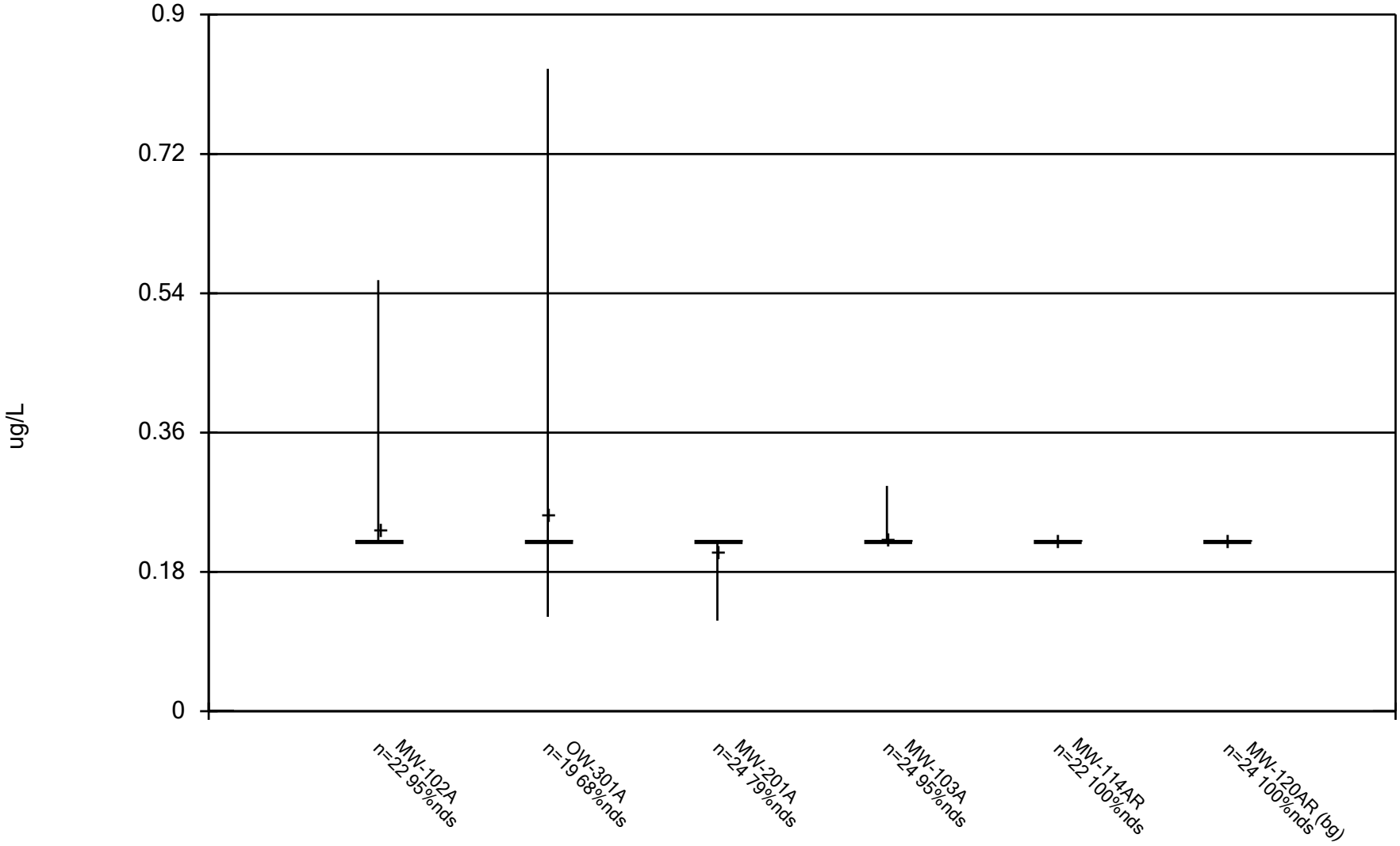
Box & Whiskers Plot



Constituent: Benzene Analysis Run 6/12/2025 2:17 PM View: All Wells - Appendix I VOCs

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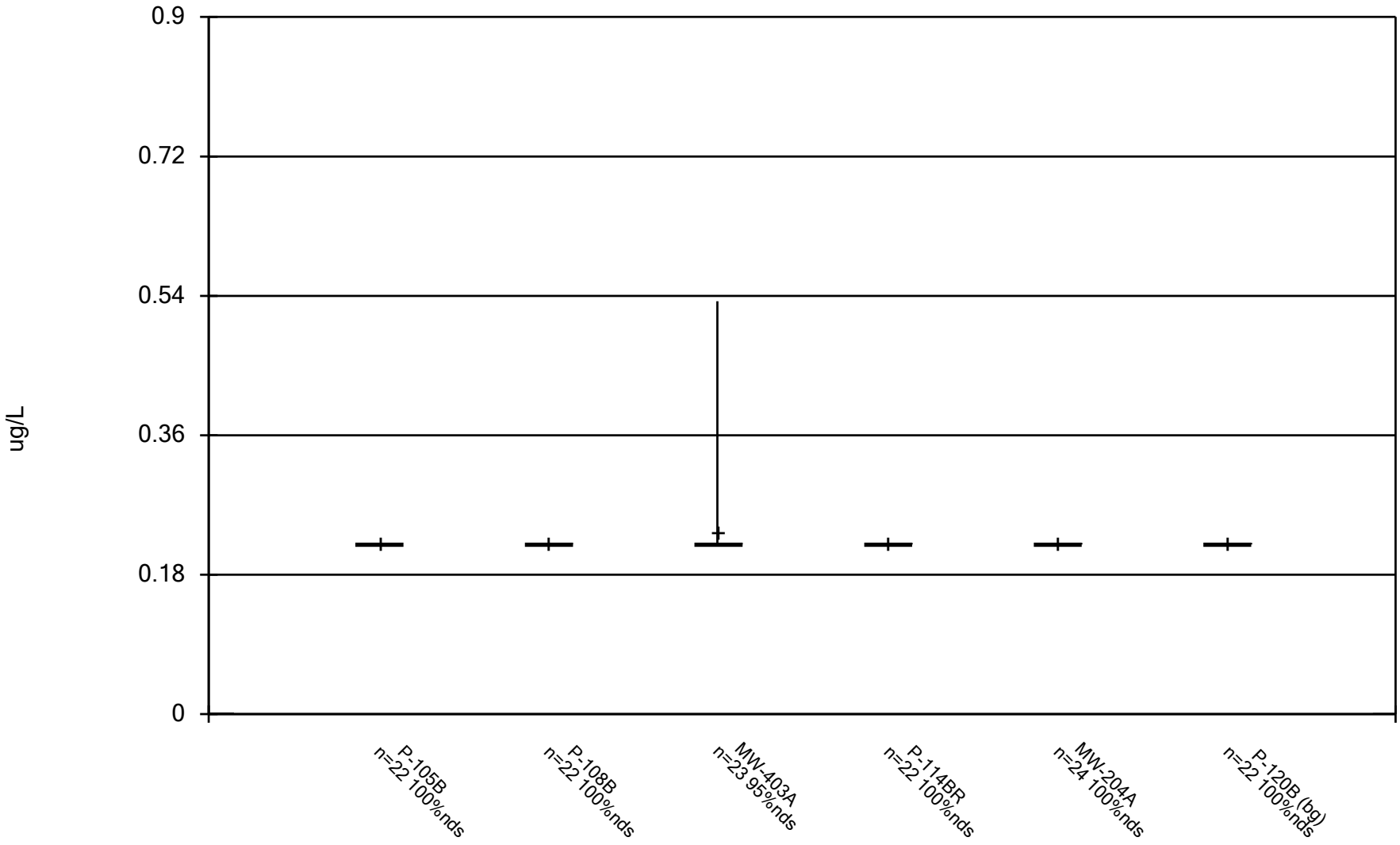
Box & Whiskers Plot



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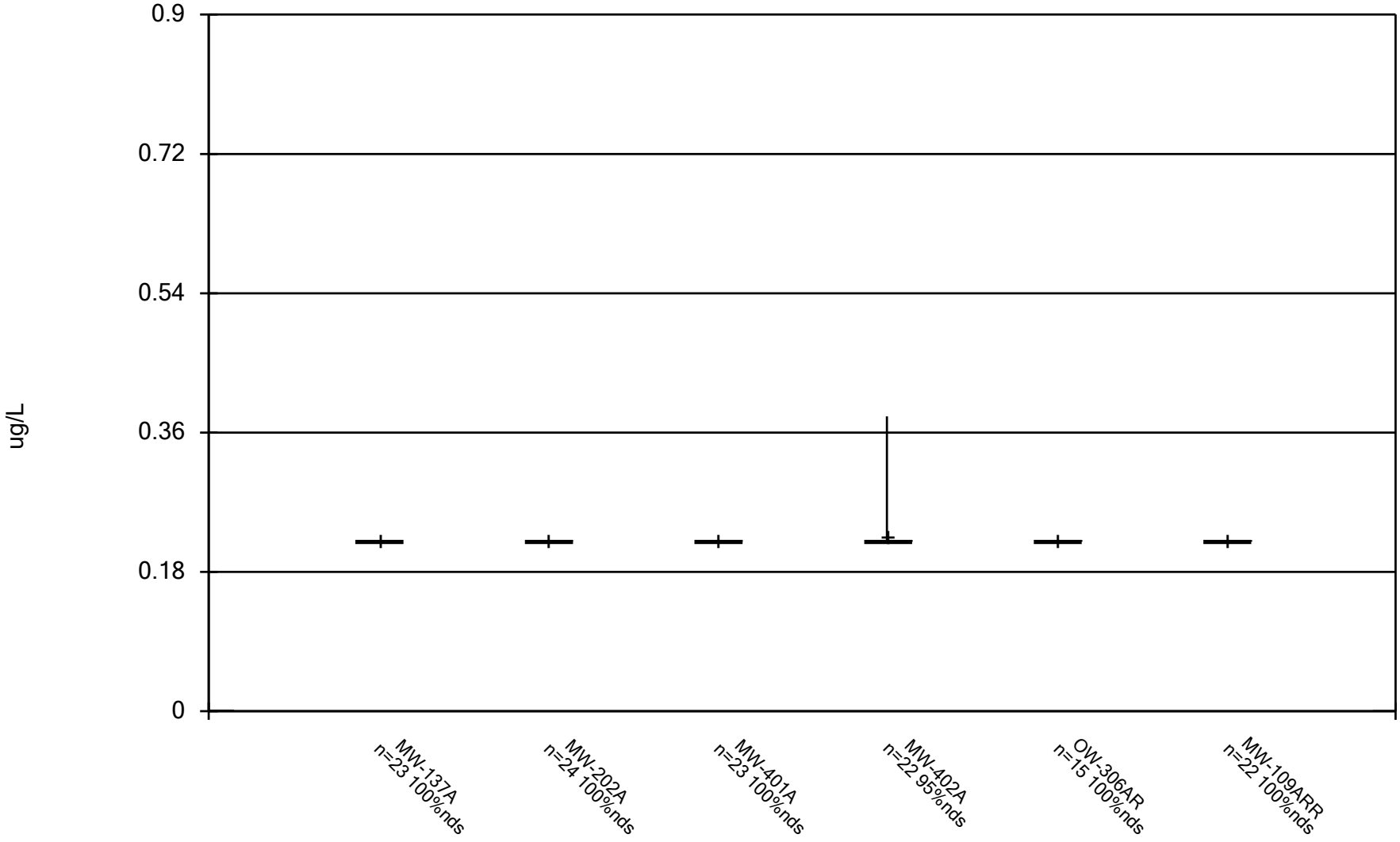
Box & Whiskers Plot



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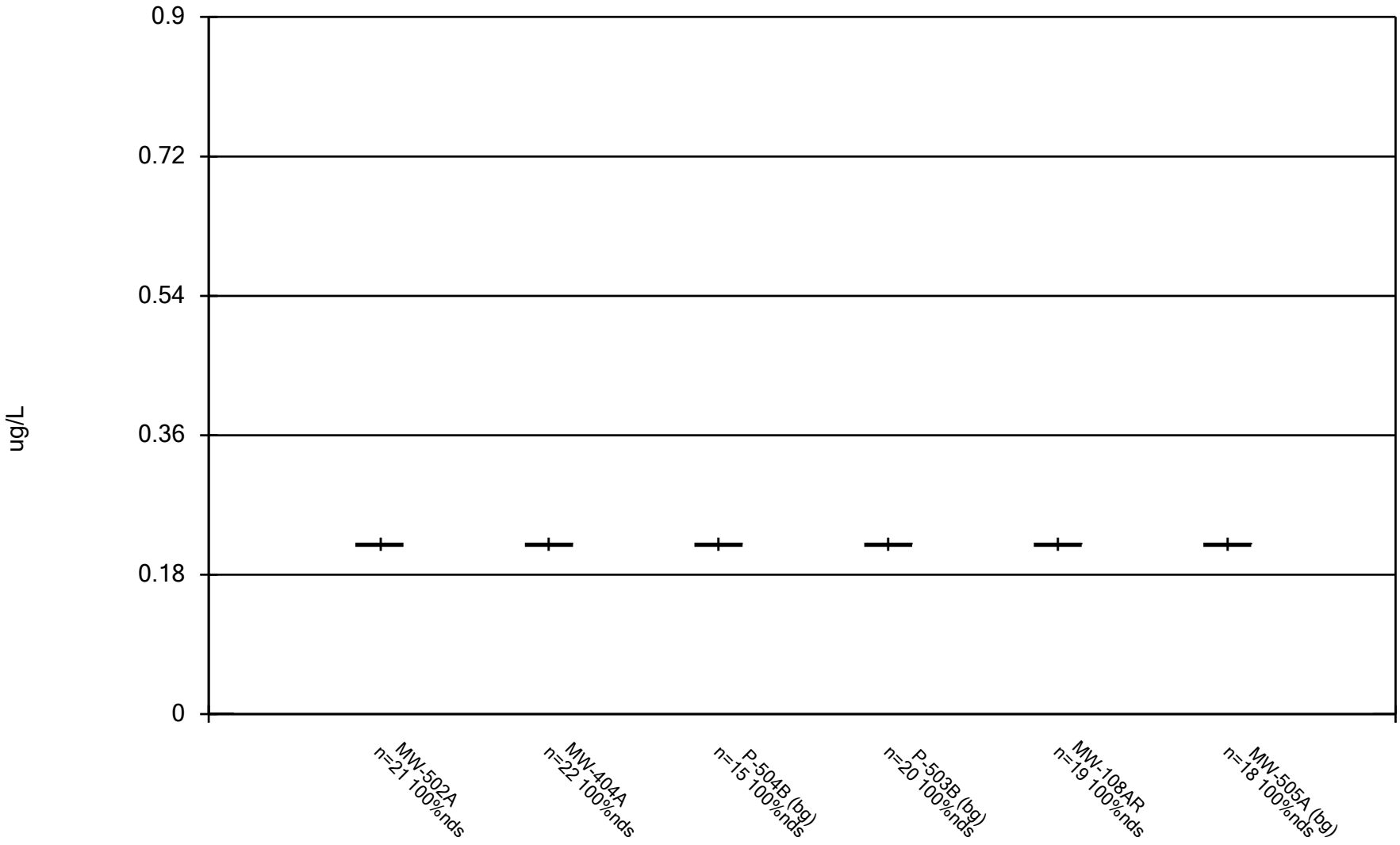
Box & Whiskers Plot



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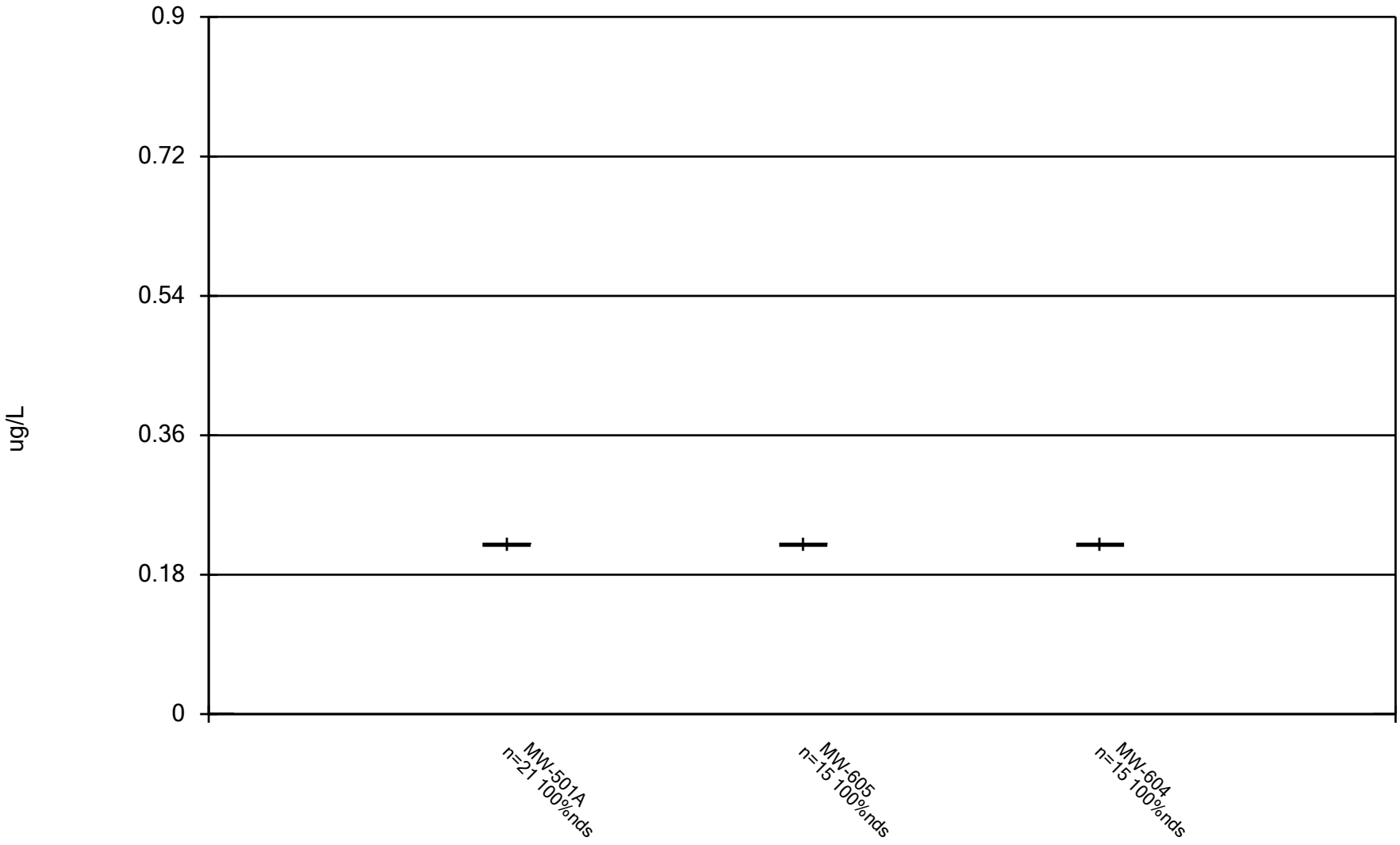

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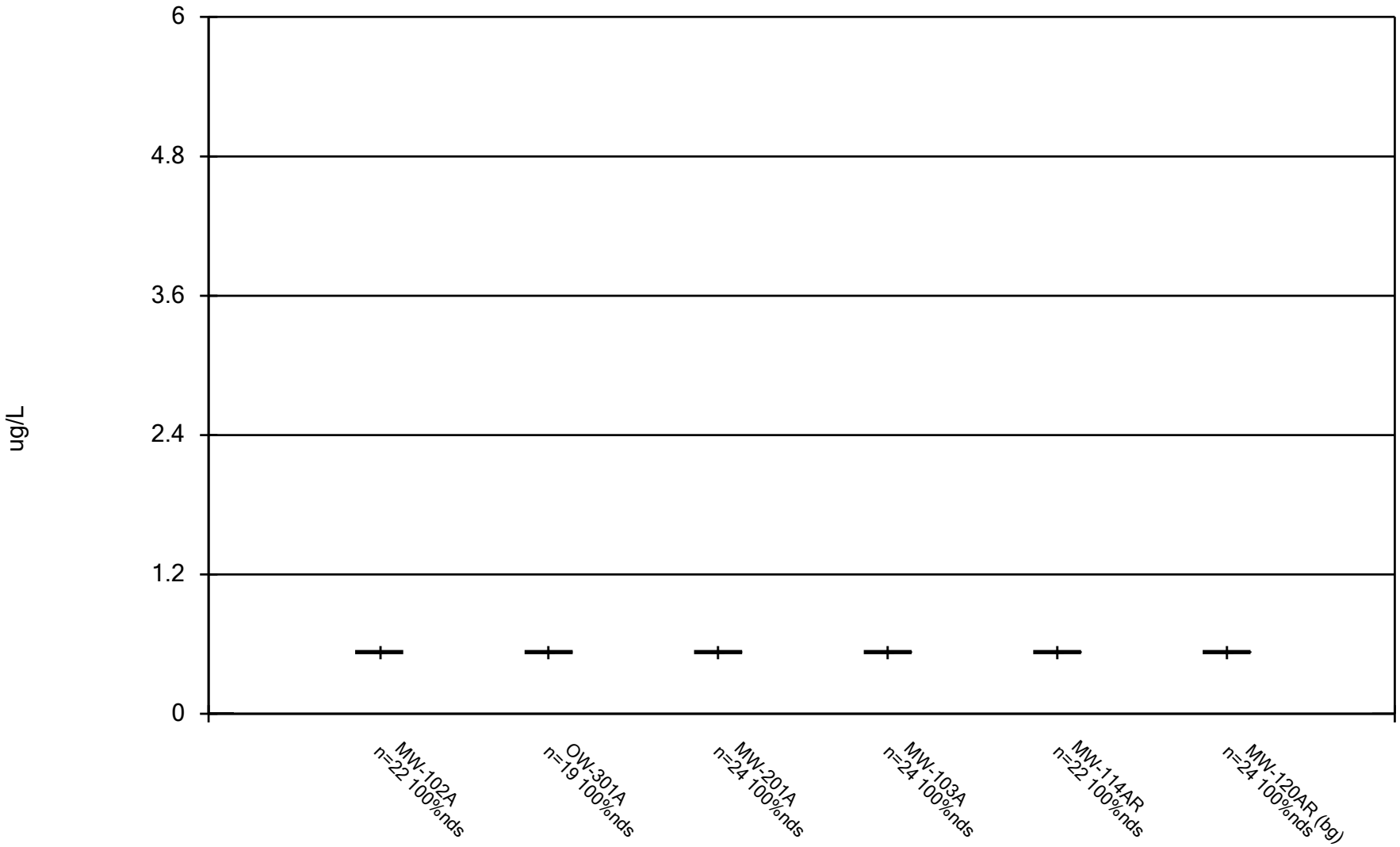
Box & Whiskers Plot



Constituent: Bromochloromethane Analysis Run 6/12/2025 2:17 PM View: All Wells - Appendix I VOCs DMASWA Data: DMASWA Database_Updated

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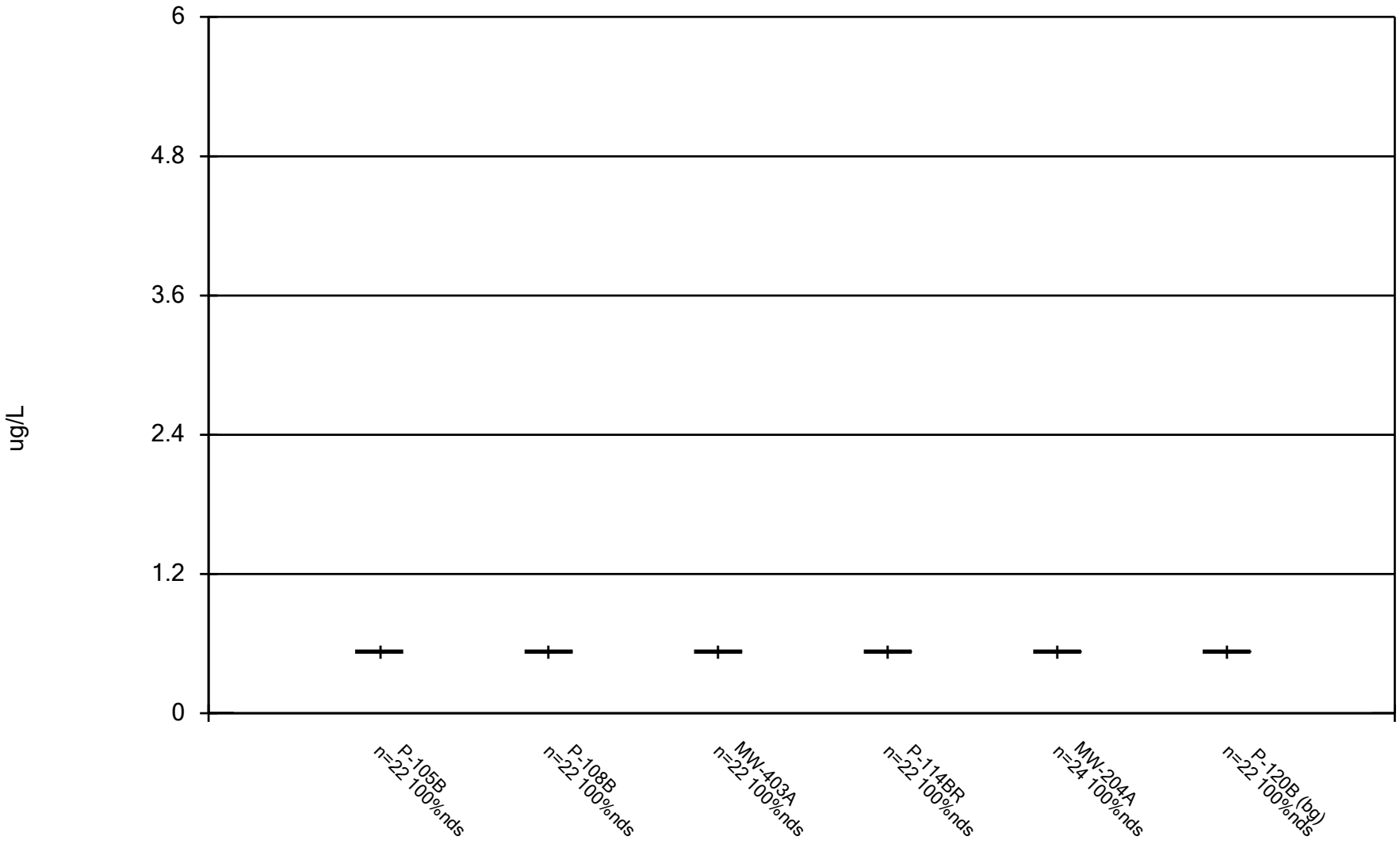
Box & Whiskers Plot



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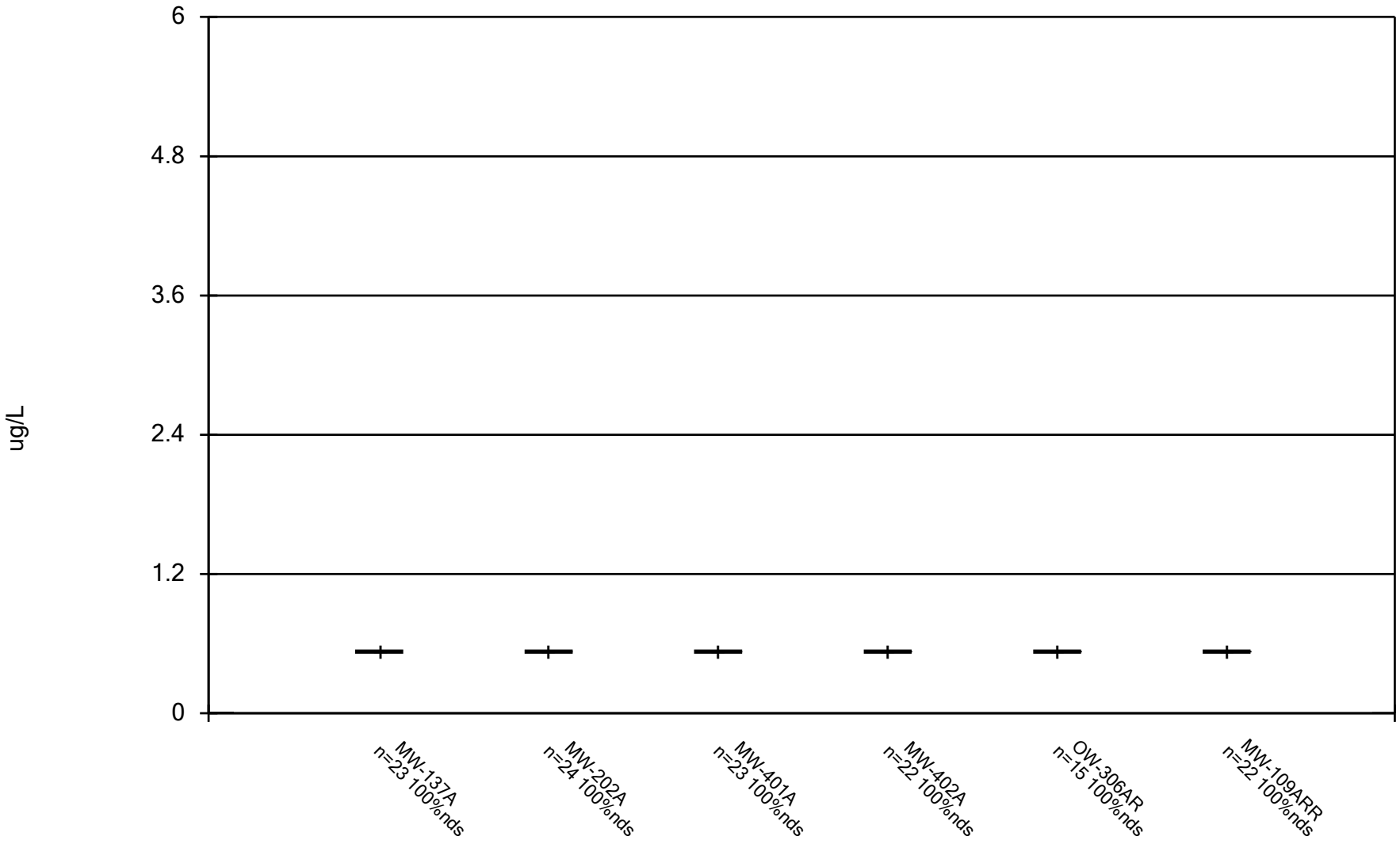
Box & Whiskers Plot



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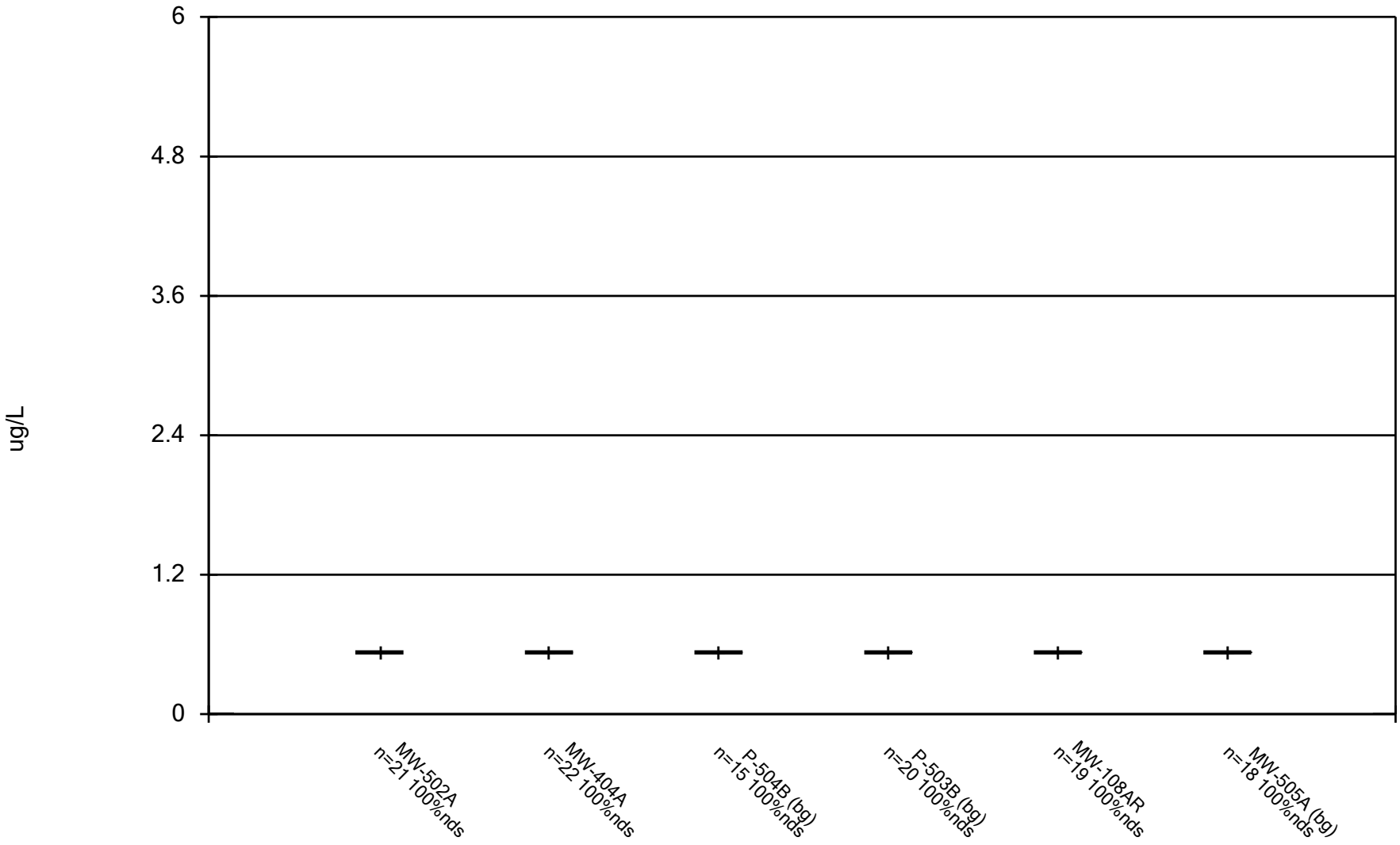
Box & Whiskers Plot



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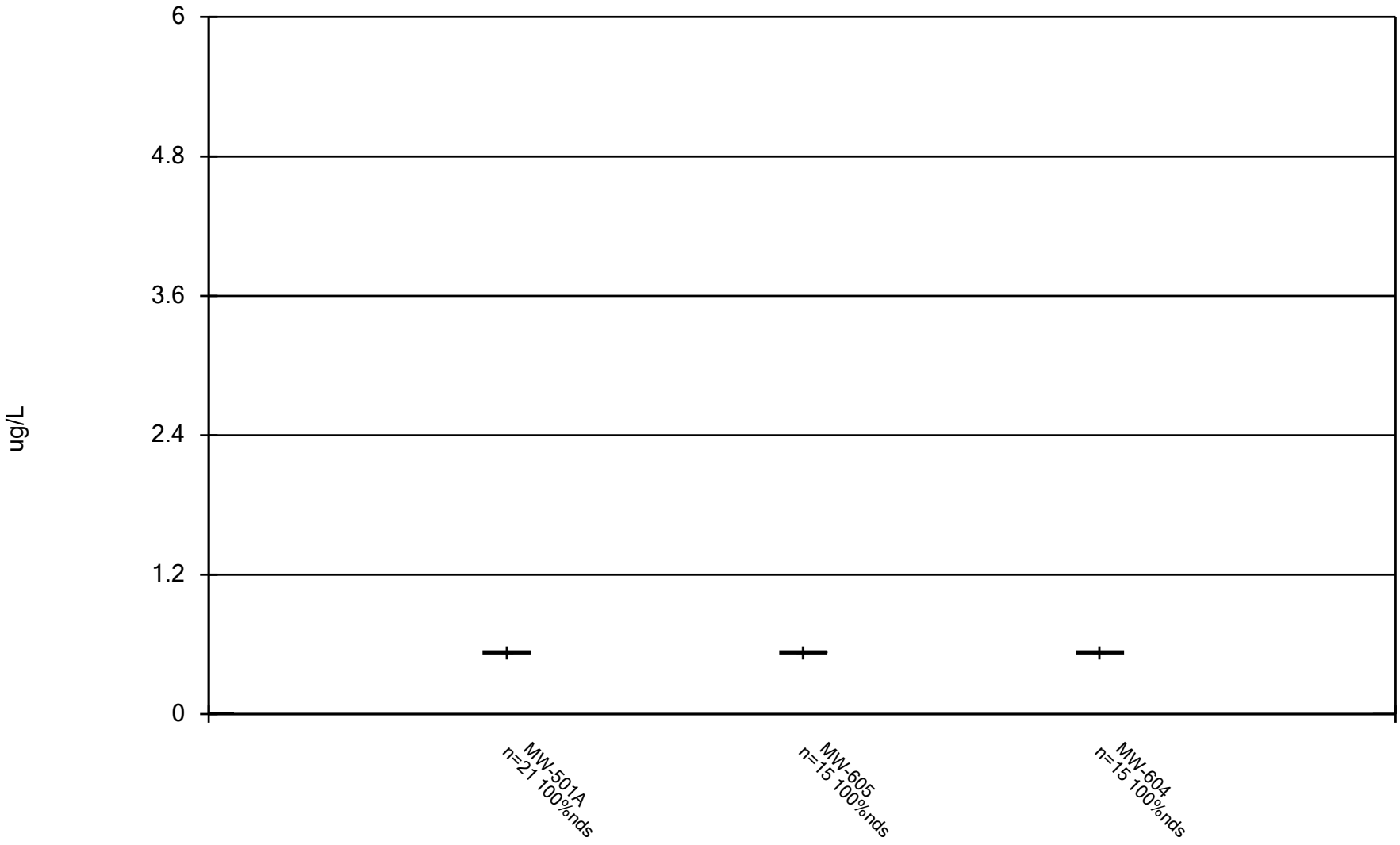
Box & Whiskers Plot



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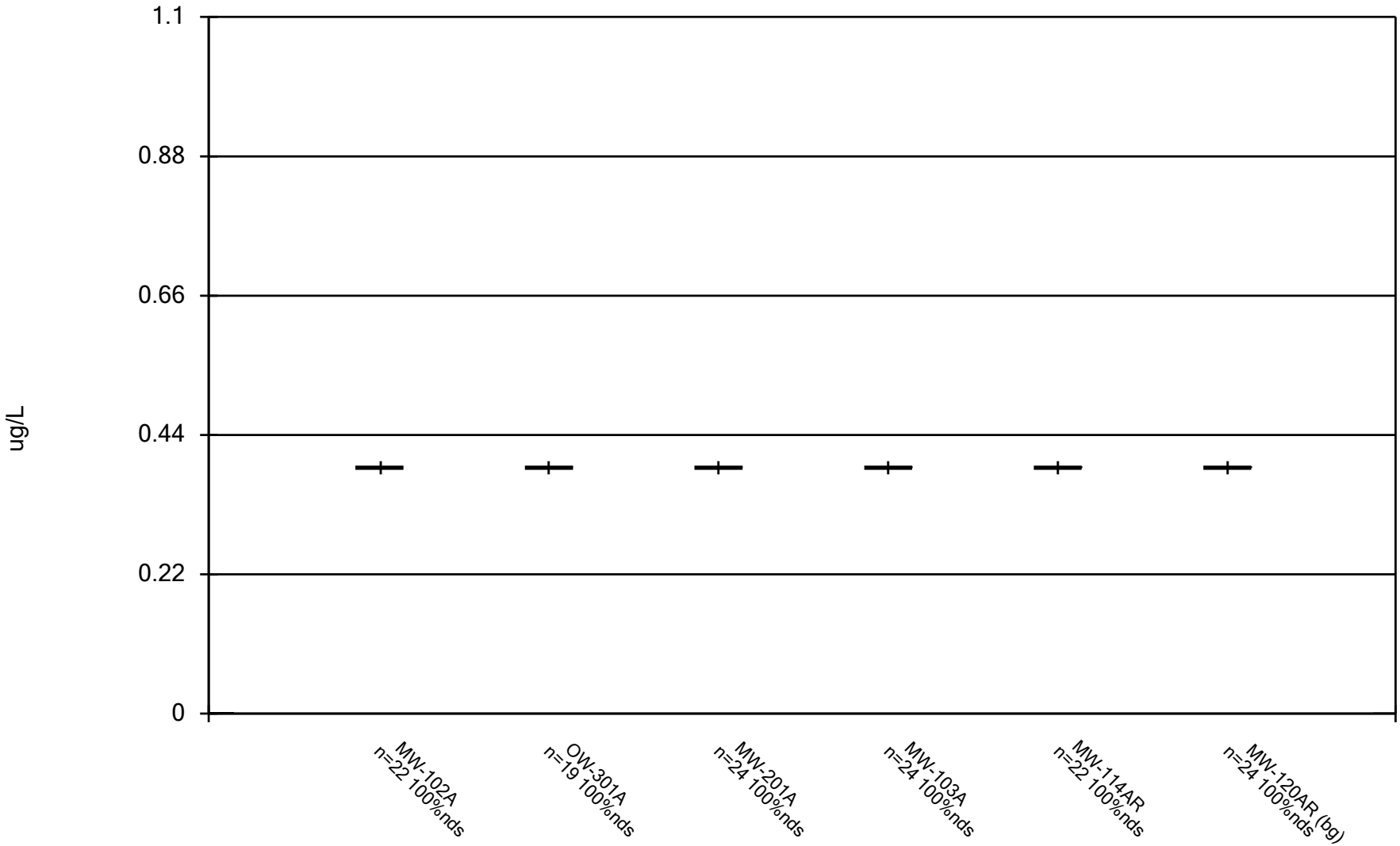
Box & Whiskers Plot



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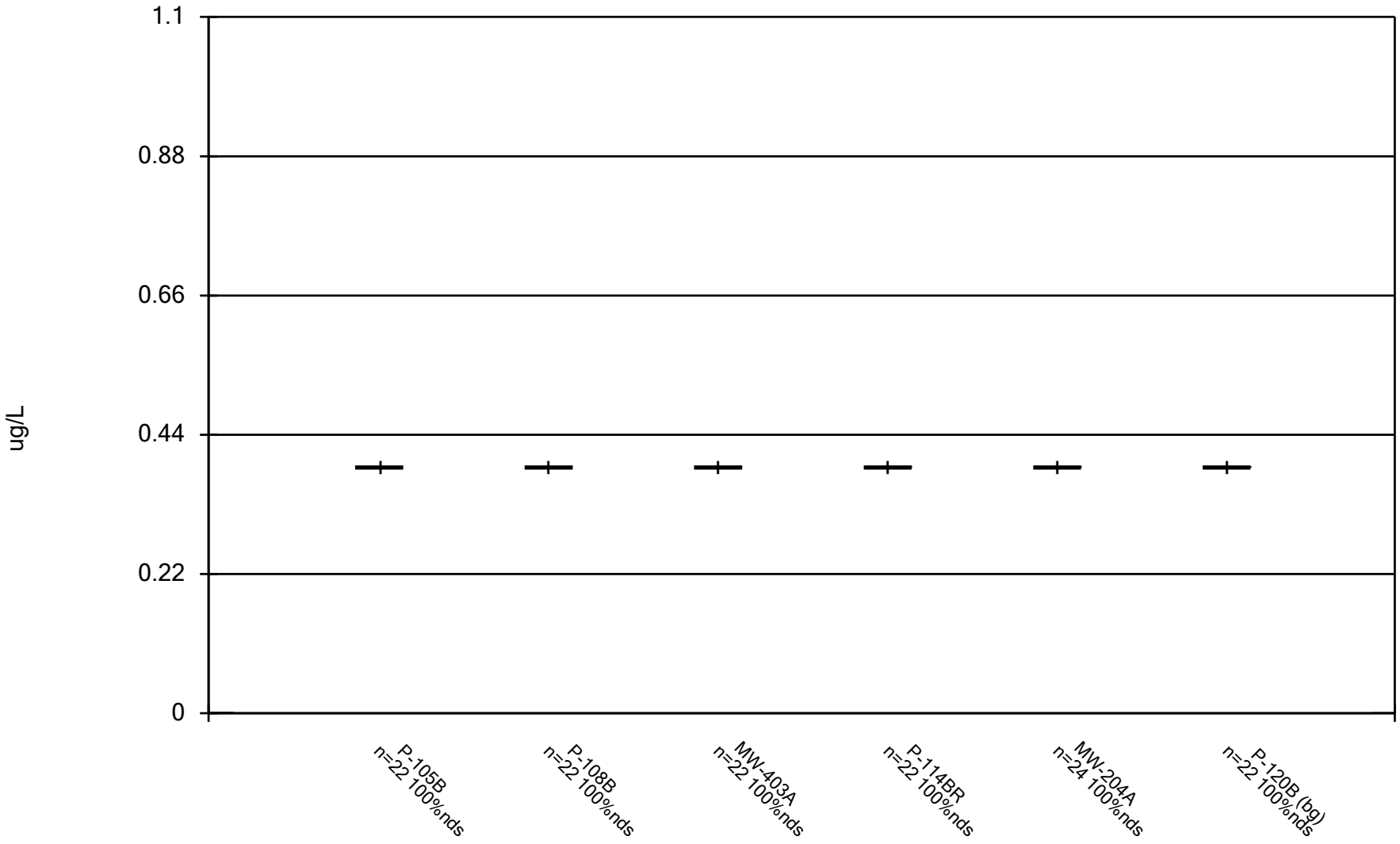
Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG

Box & Whiskers Plot



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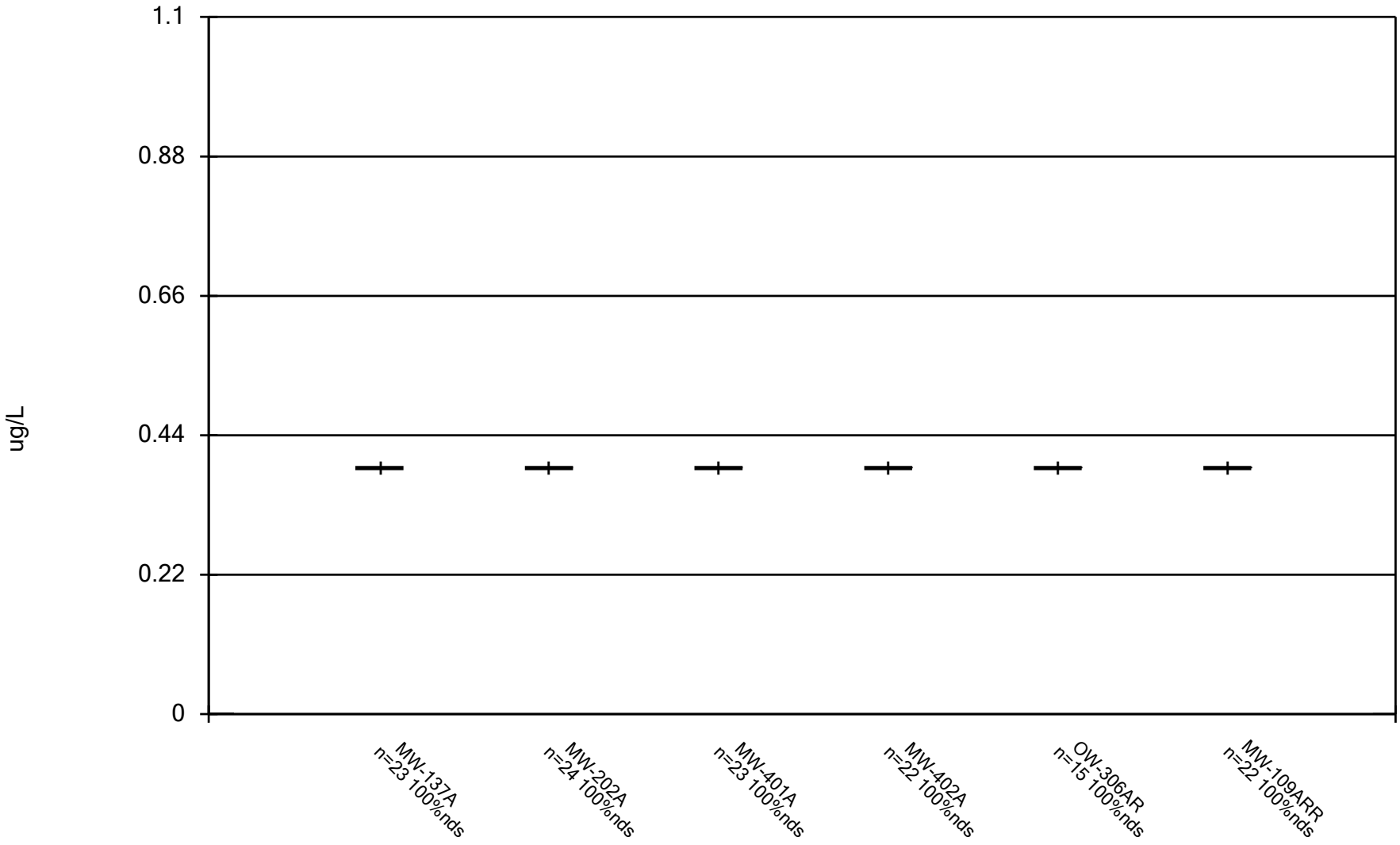
Box & Whiskers Plot



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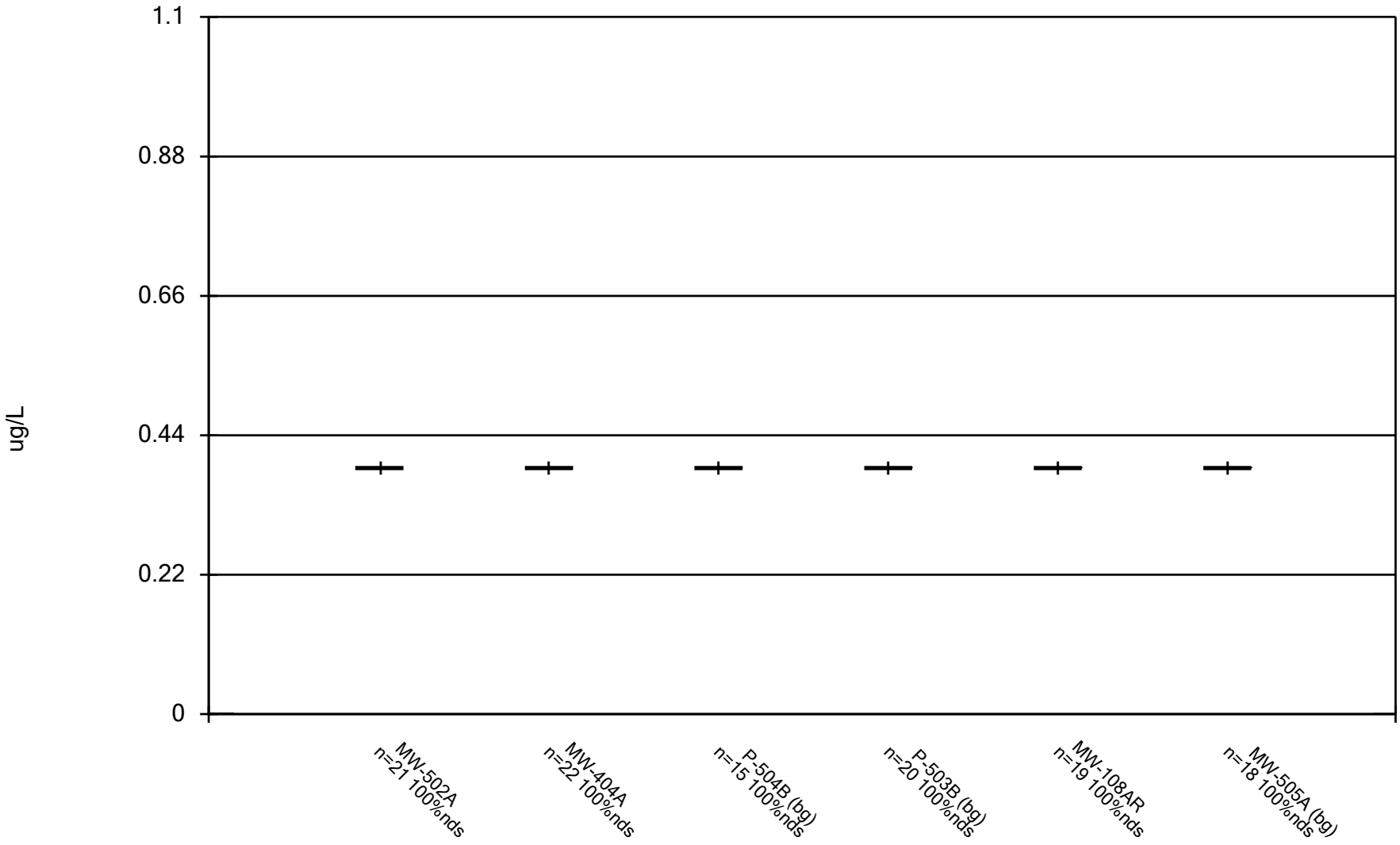
Box & Whiskers Plot



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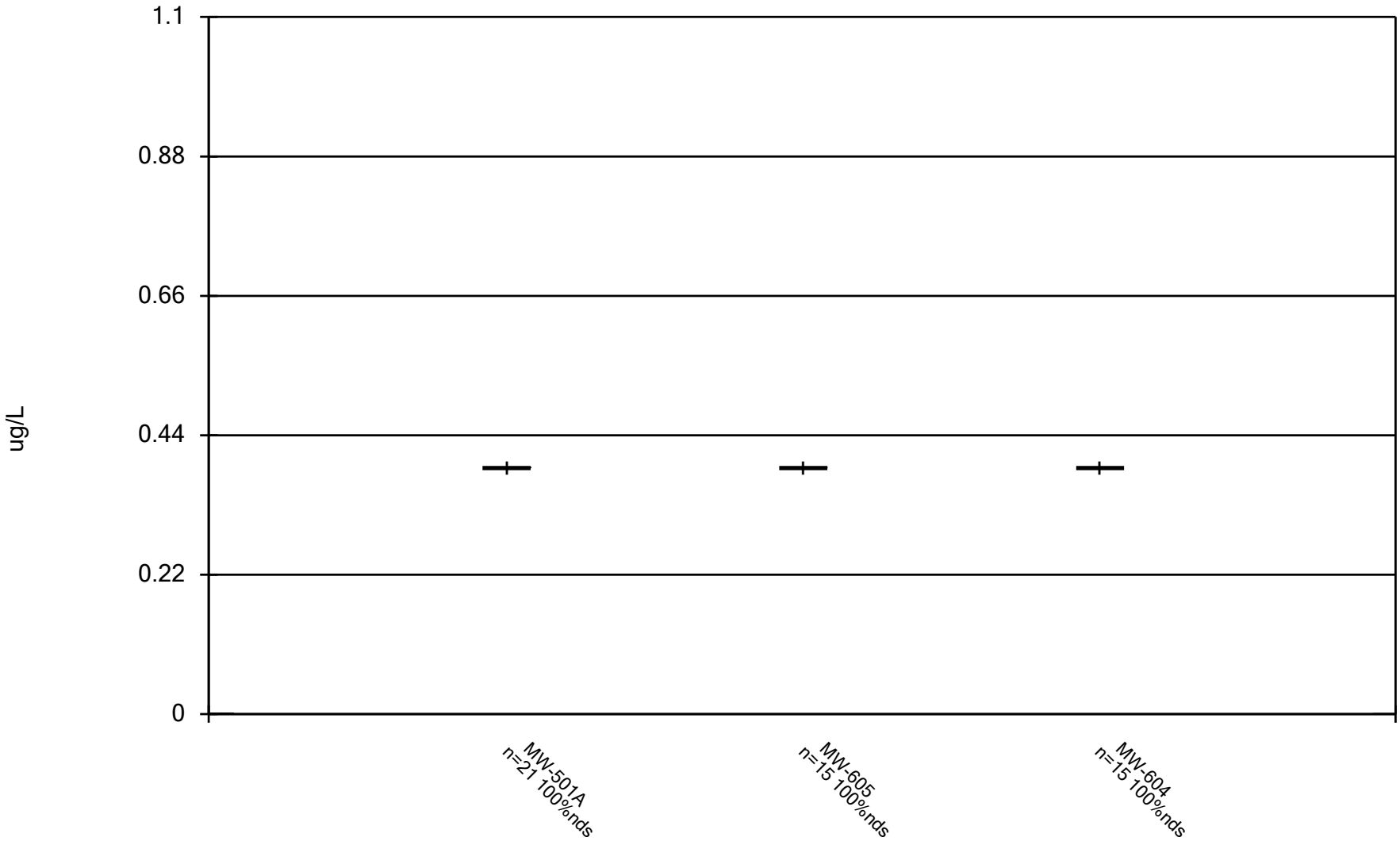
Box & Whiskers Plot



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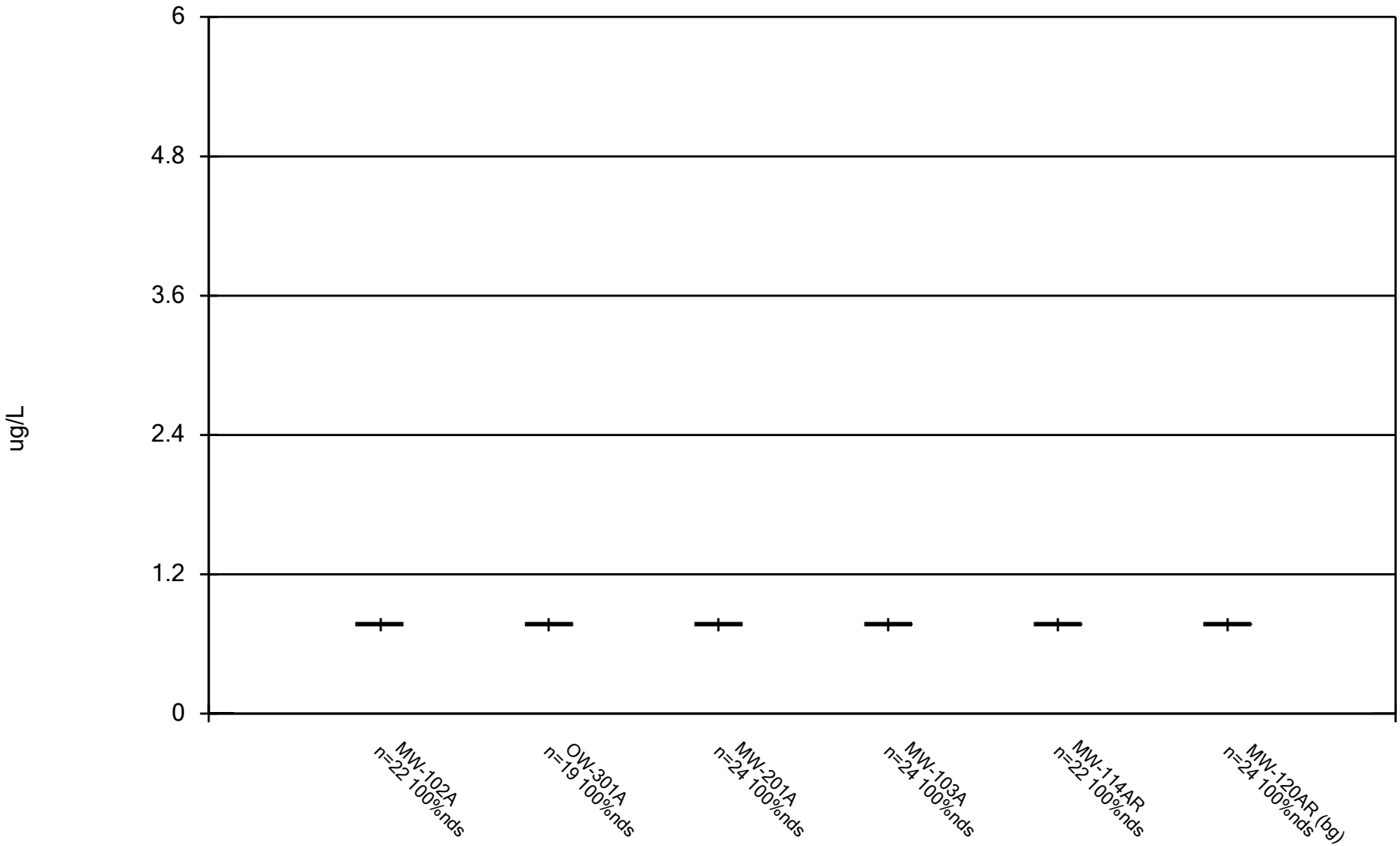
Box & Whiskers Plot



Constituent: Bromoform Analysis Run 6/12/2025 2:17 PM View: All Wells - Appendix I VOCs DMASWA Data: DMASWA Database_Updated

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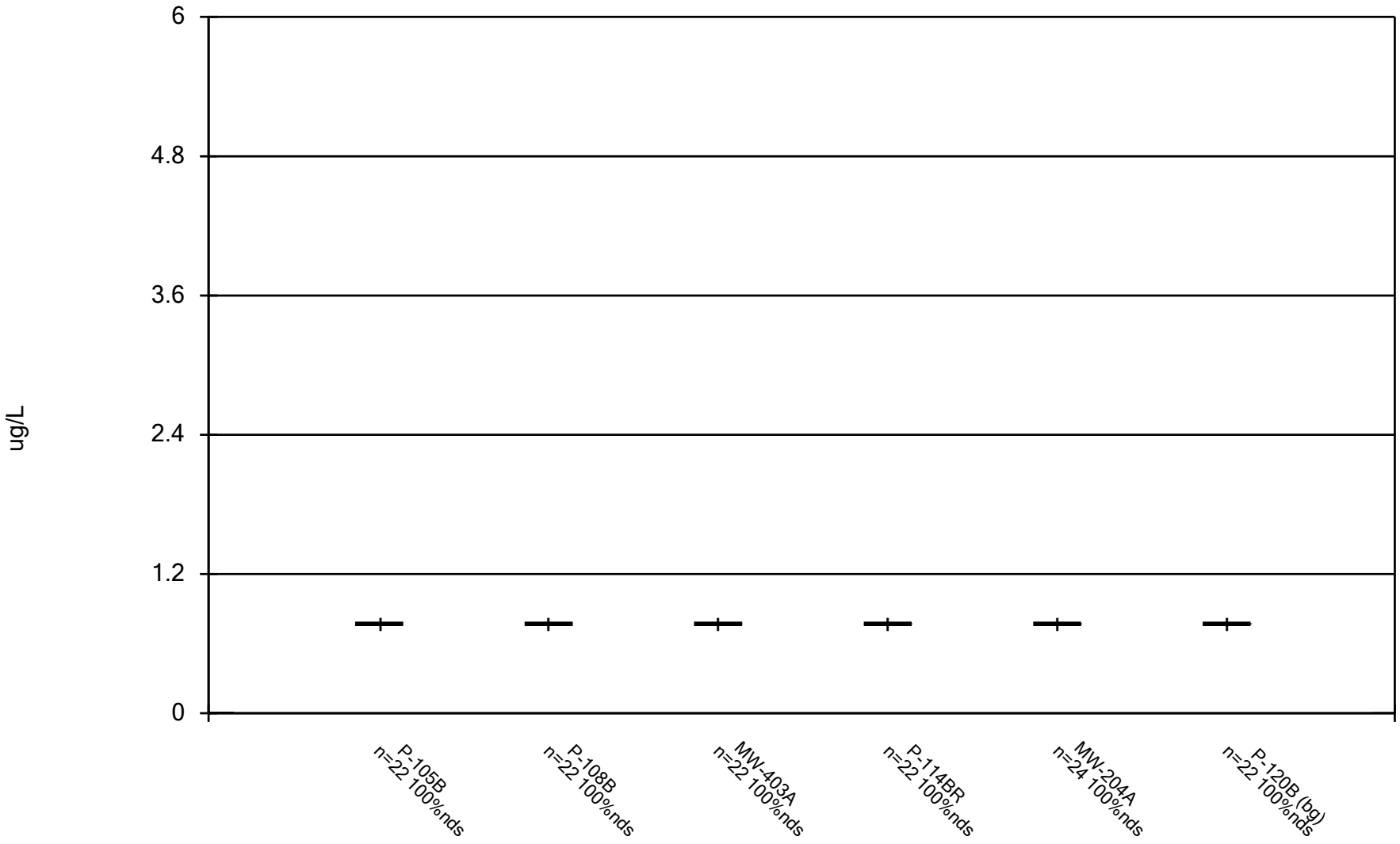
Box & Whiskers Plot



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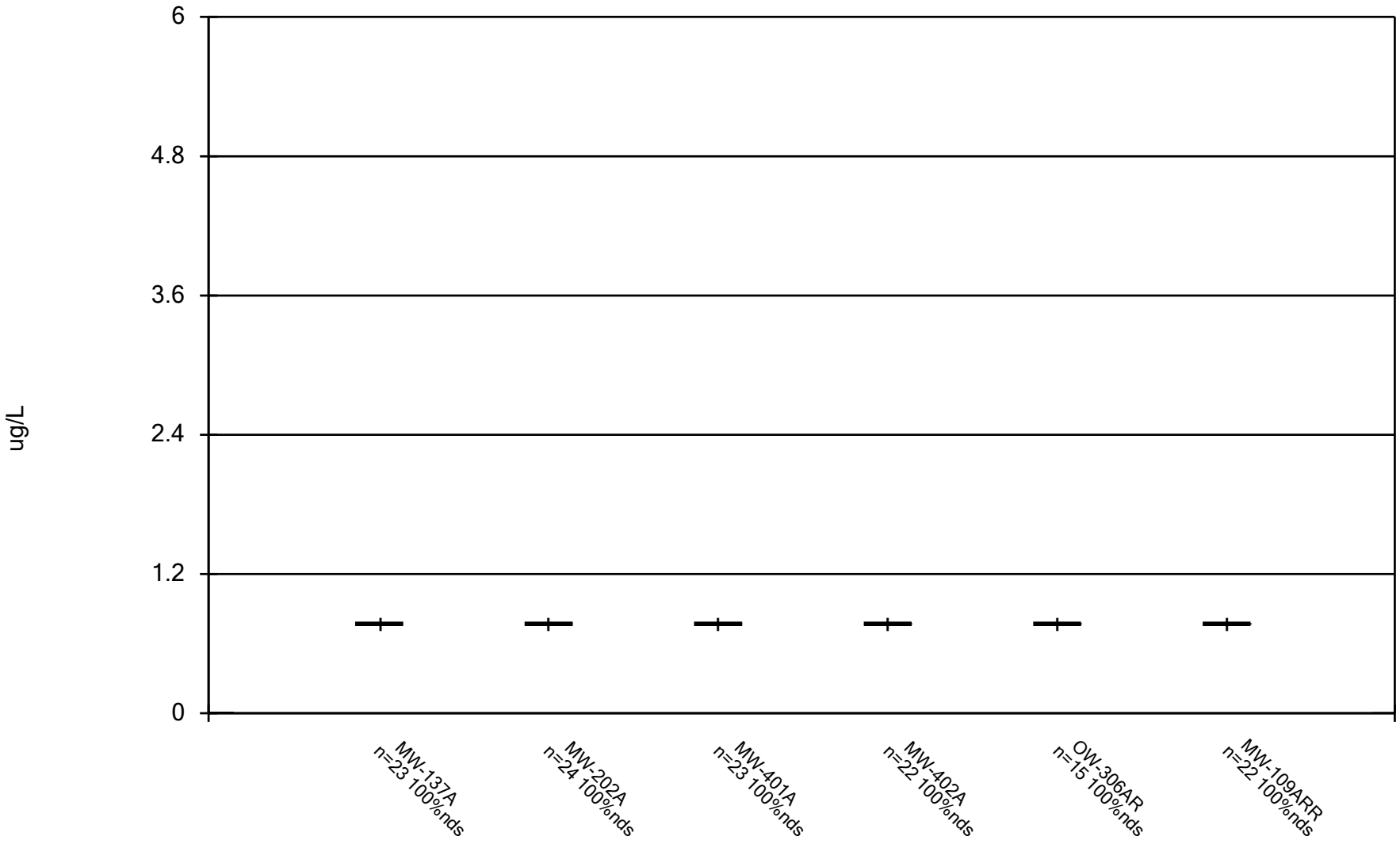
Box & Whiskers Plot



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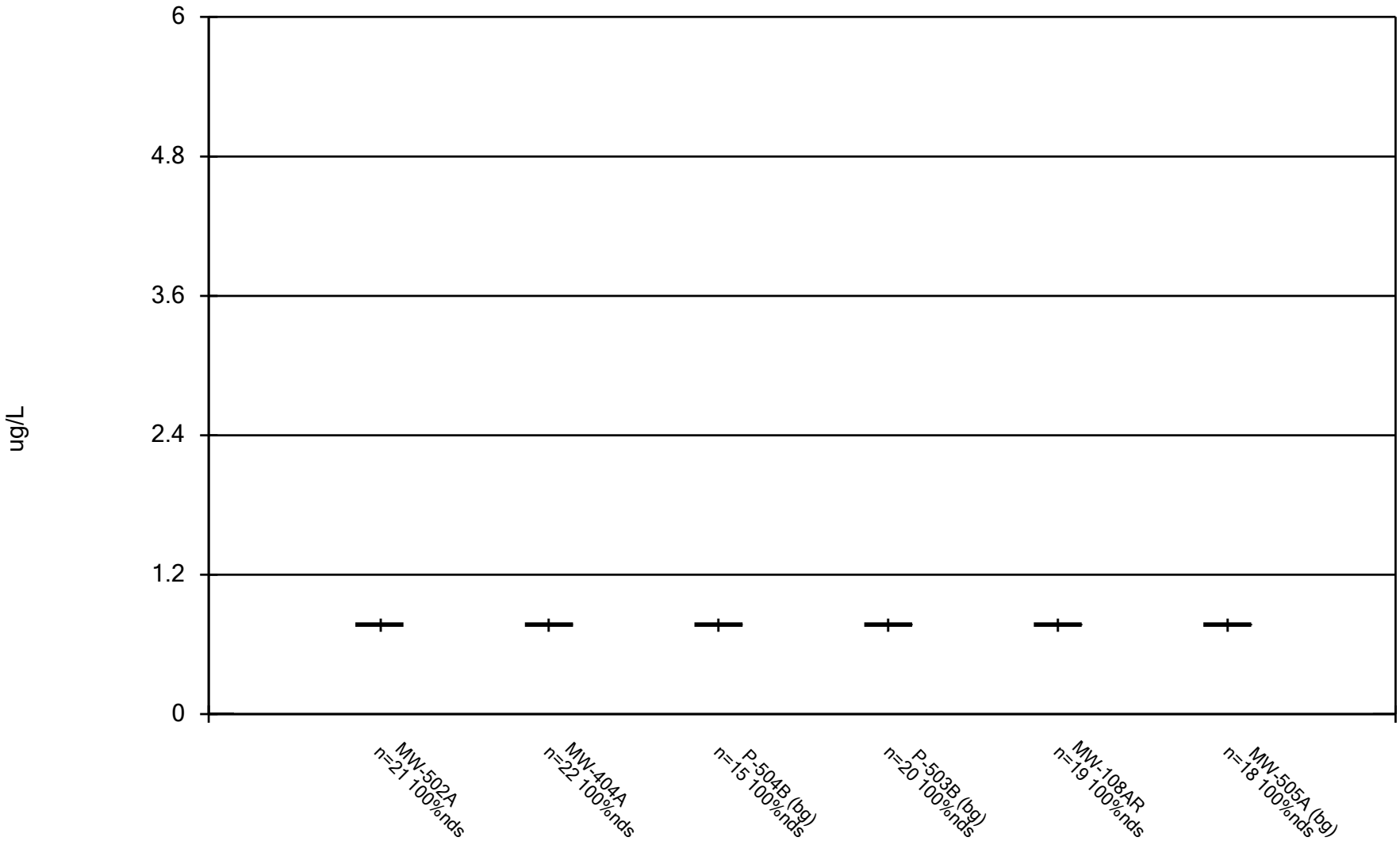
Box & Whiskers Plot



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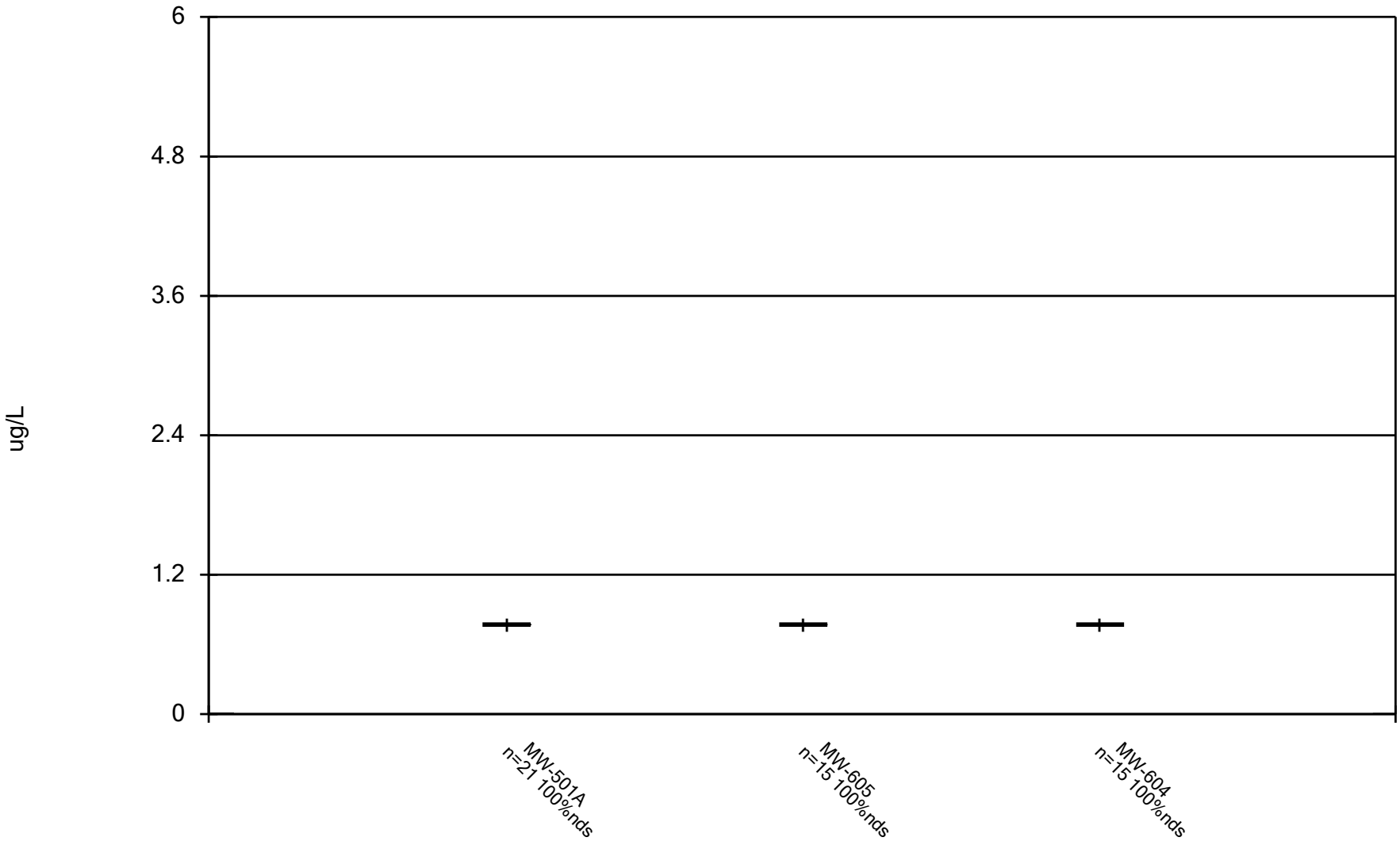
Box & Whiskers Plot



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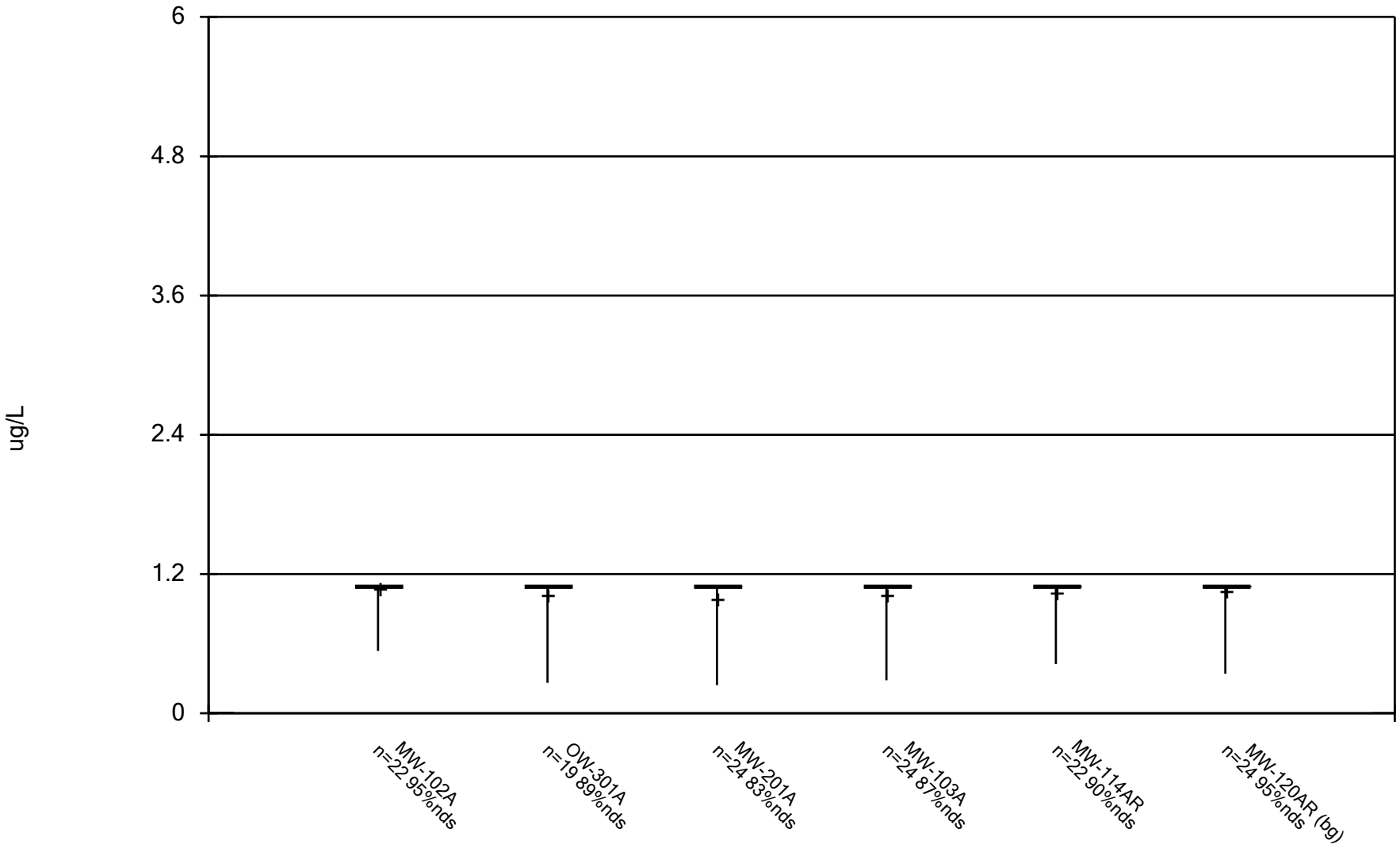
Box & Whiskers Plot



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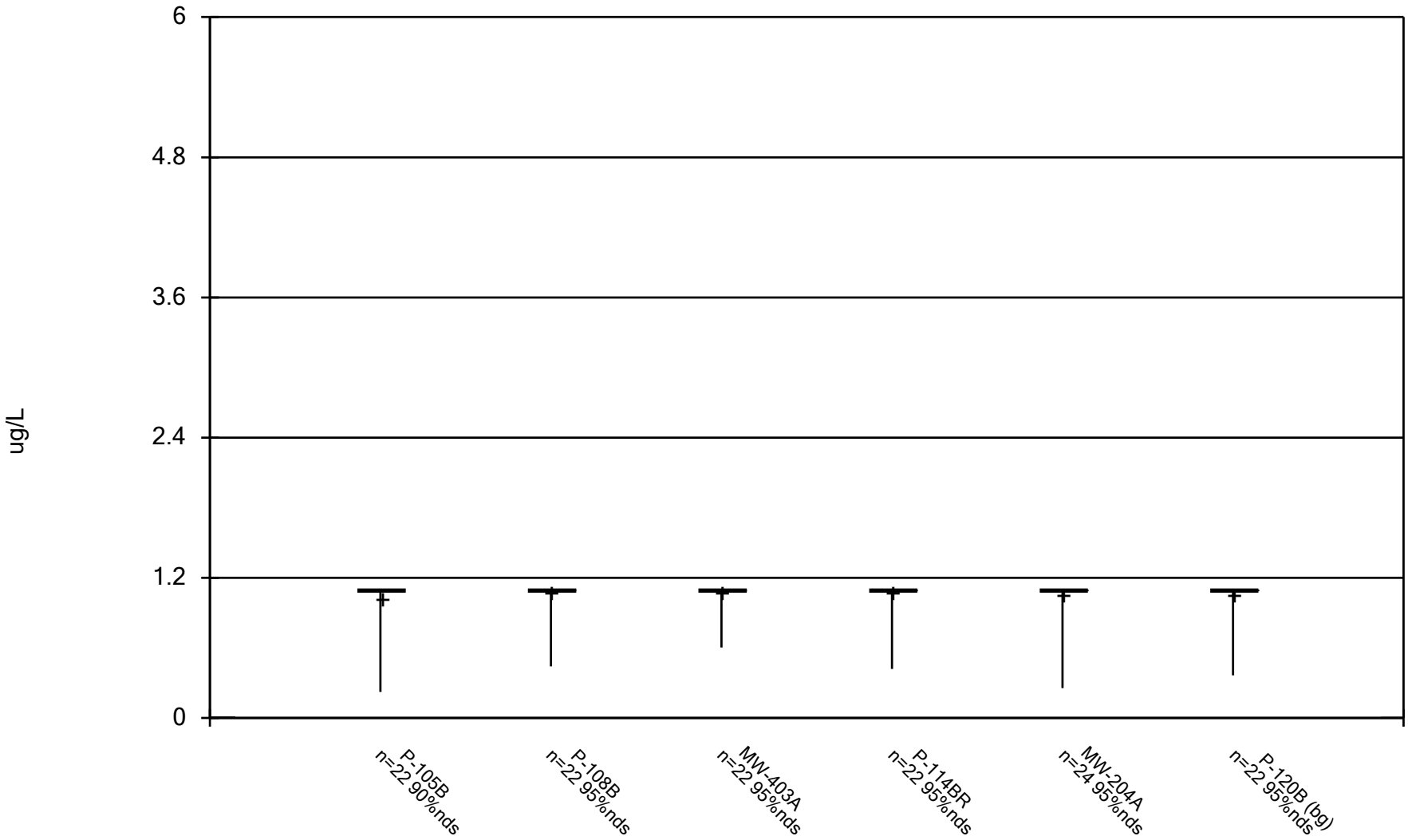
Box & Whiskers Plot



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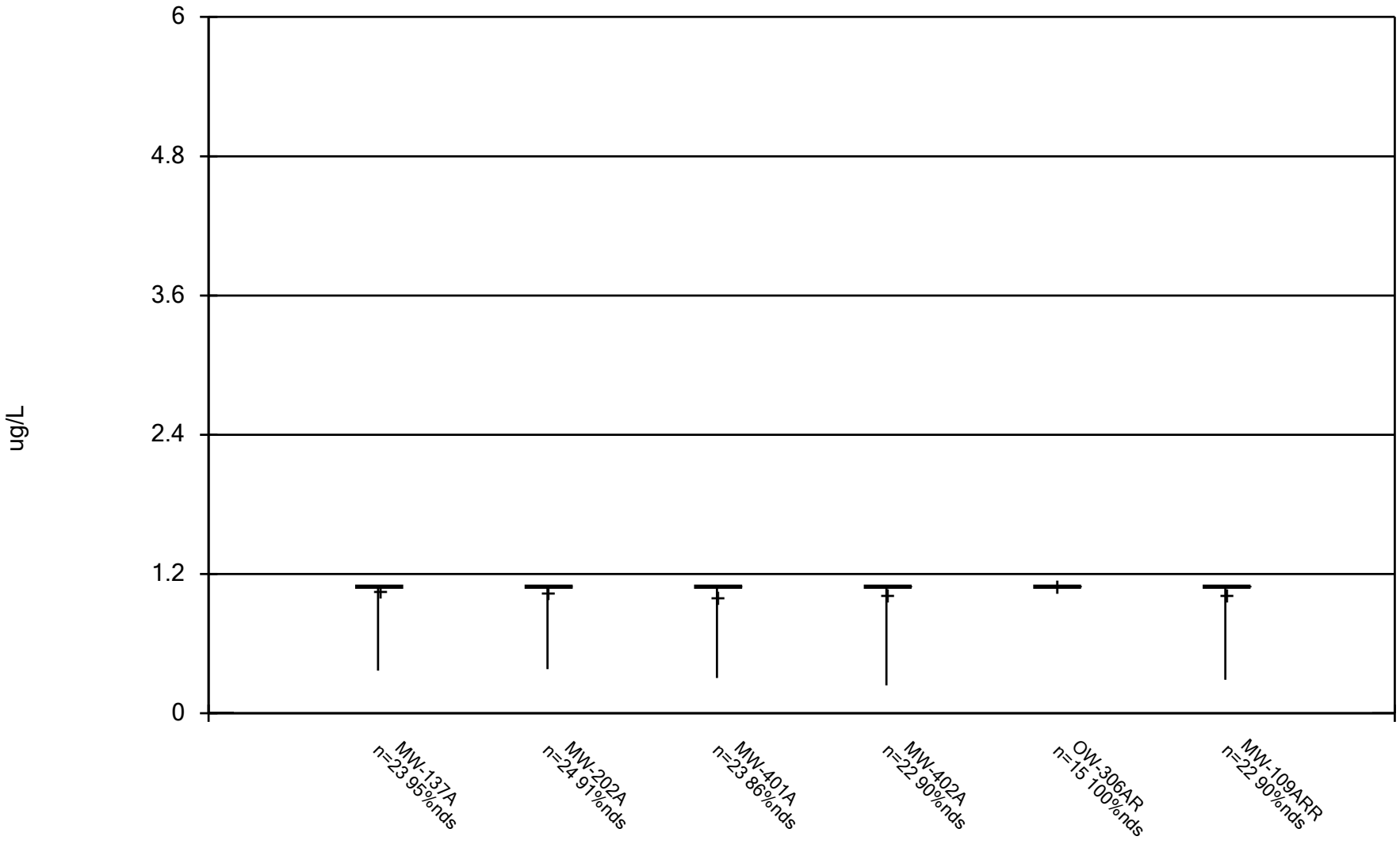
Box & Whiskers Plot



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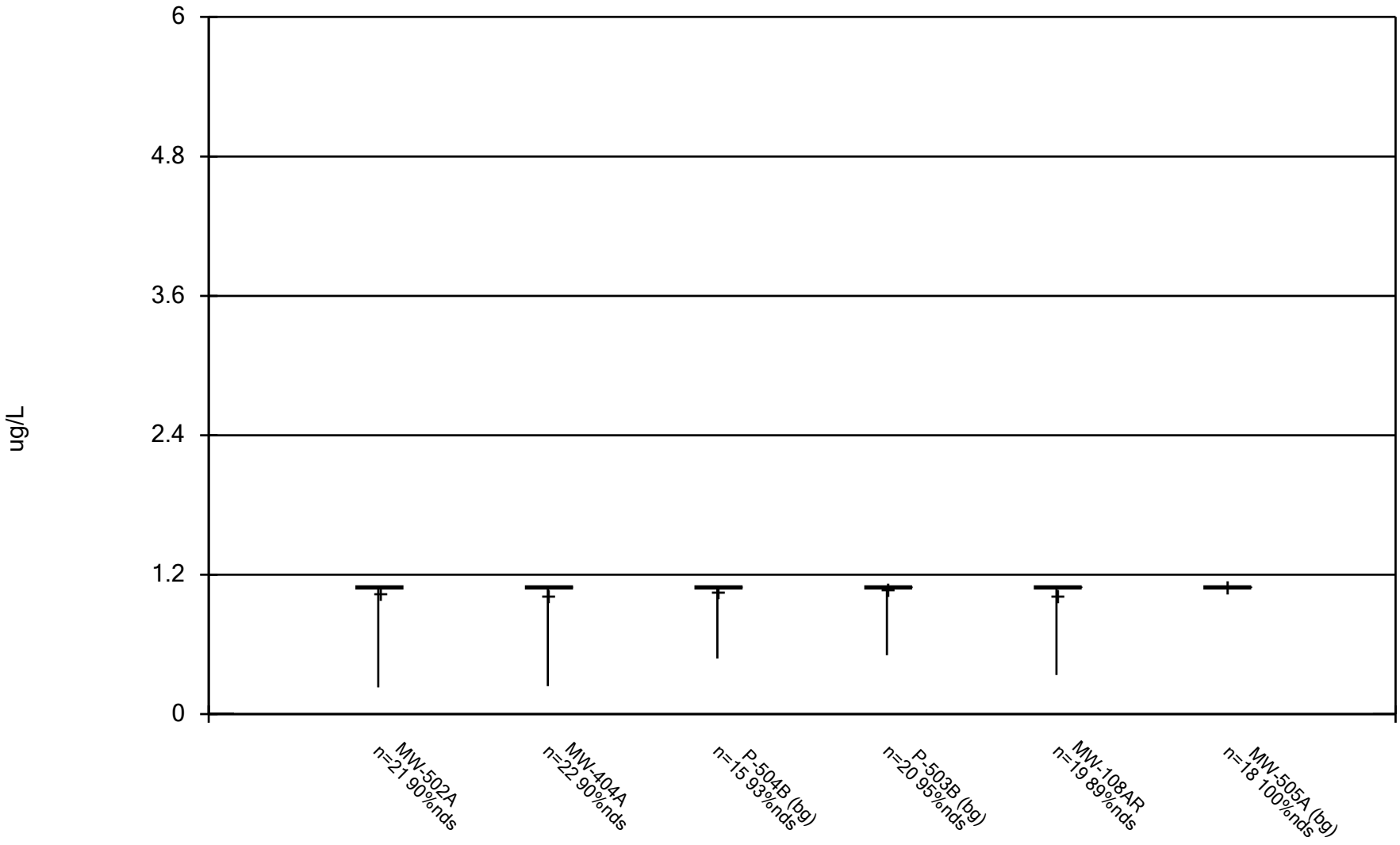

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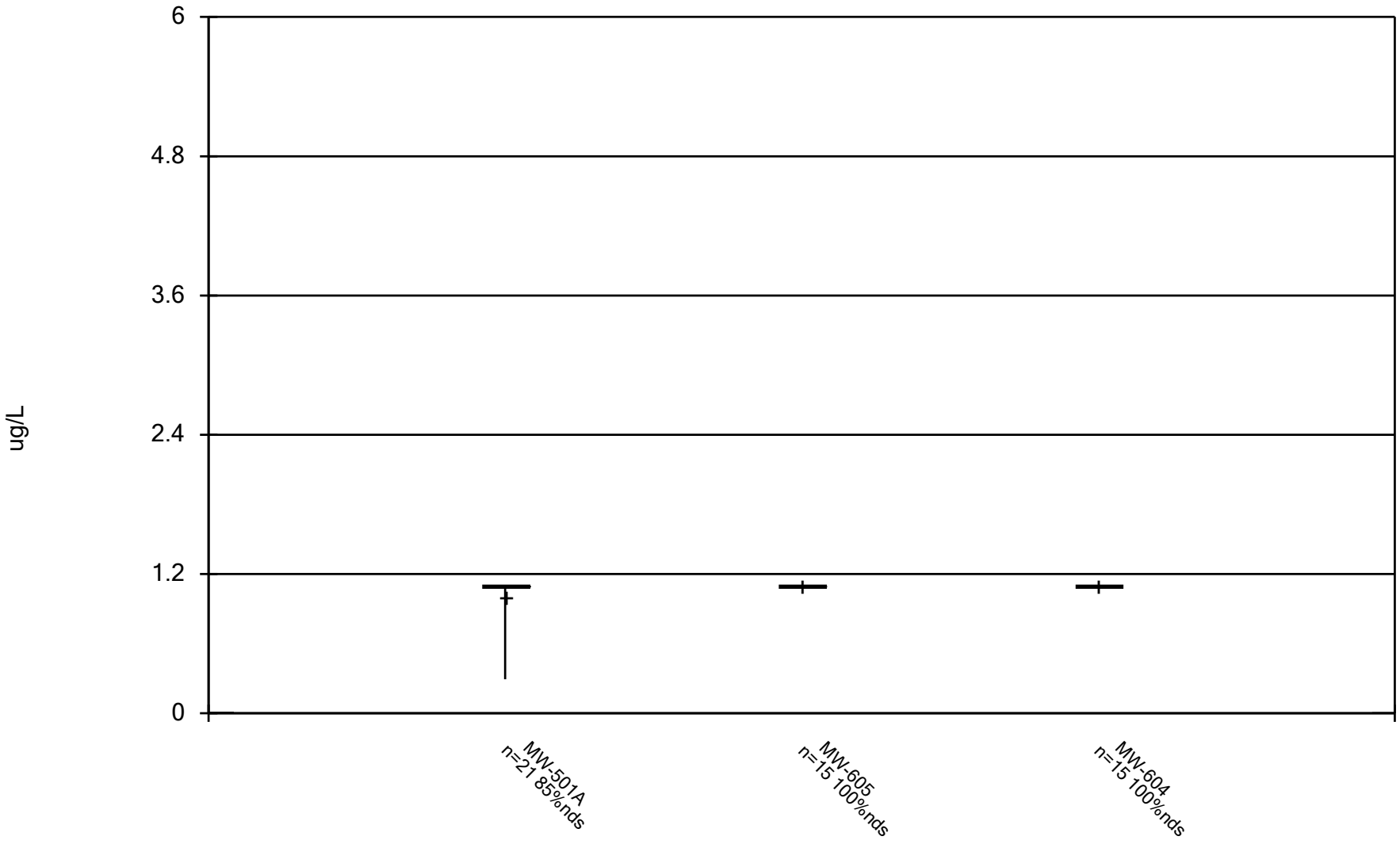
Box & Whiskers Plot



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DMASWA Data: DMASWA Database_Updated

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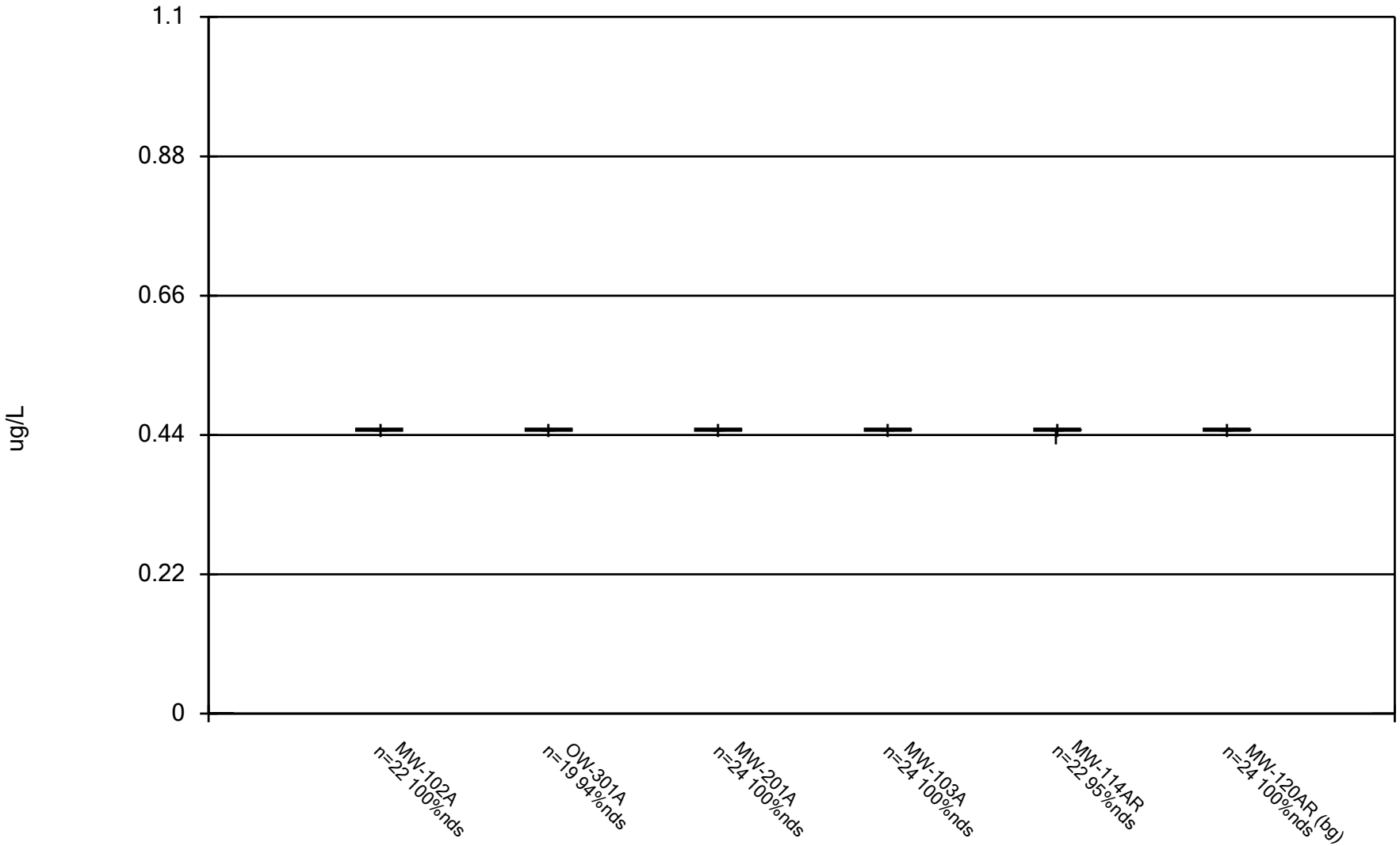
Box & Whiskers Plot



Constituent: Carbon disulfide Analysis Run 6/12/2025 2:17 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

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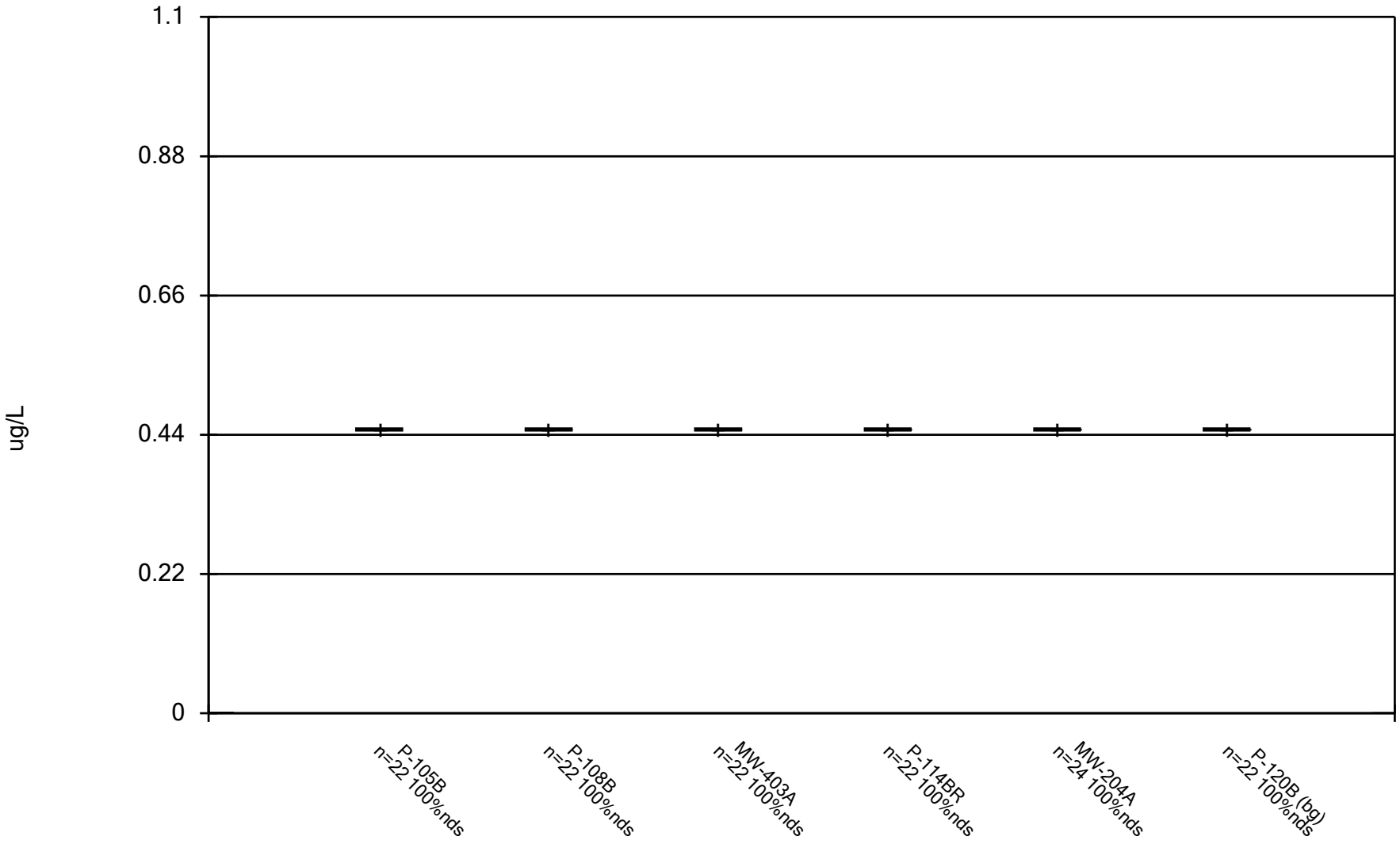
Box & Whiskers Plot



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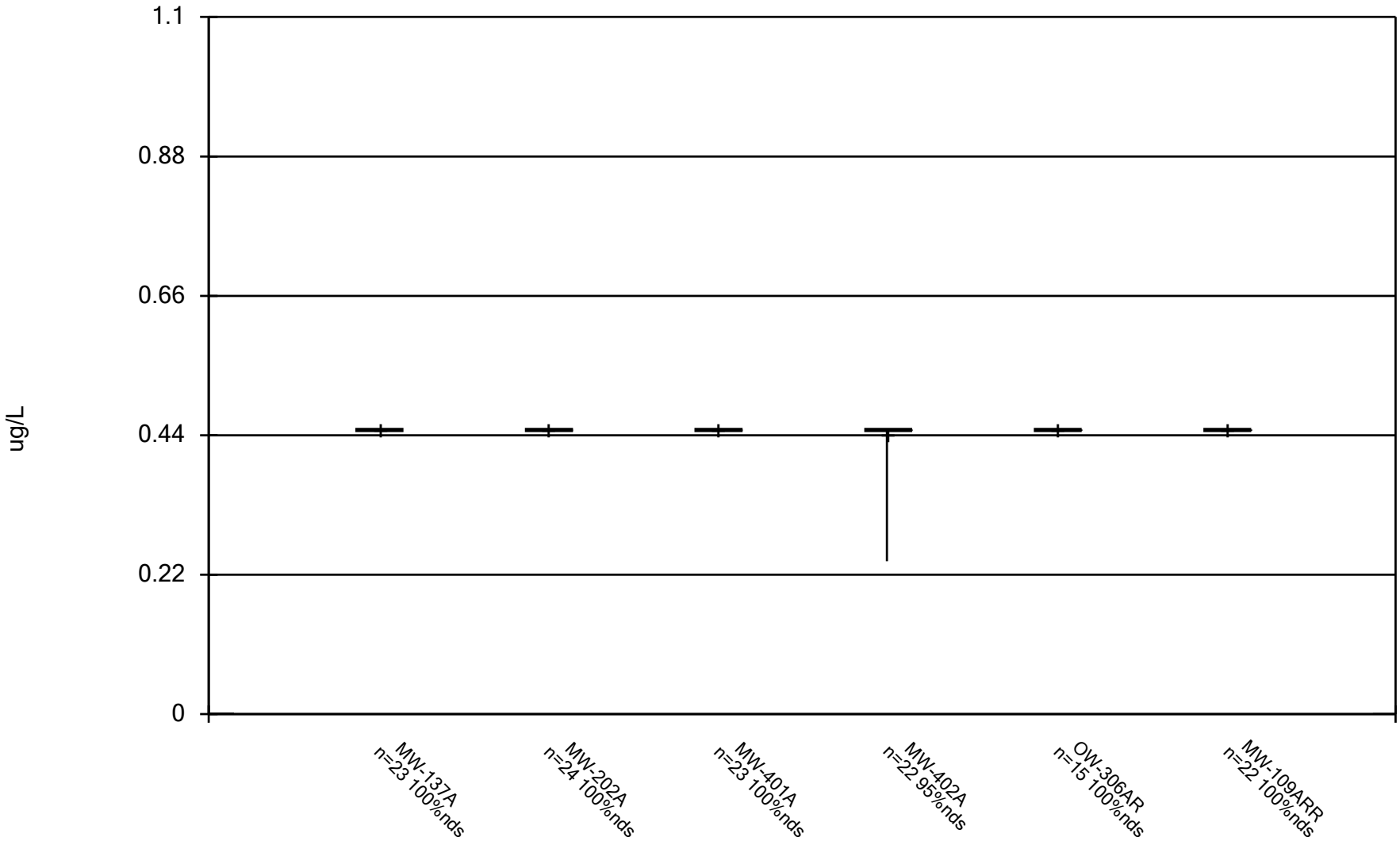
Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG

Box & Whiskers Plot



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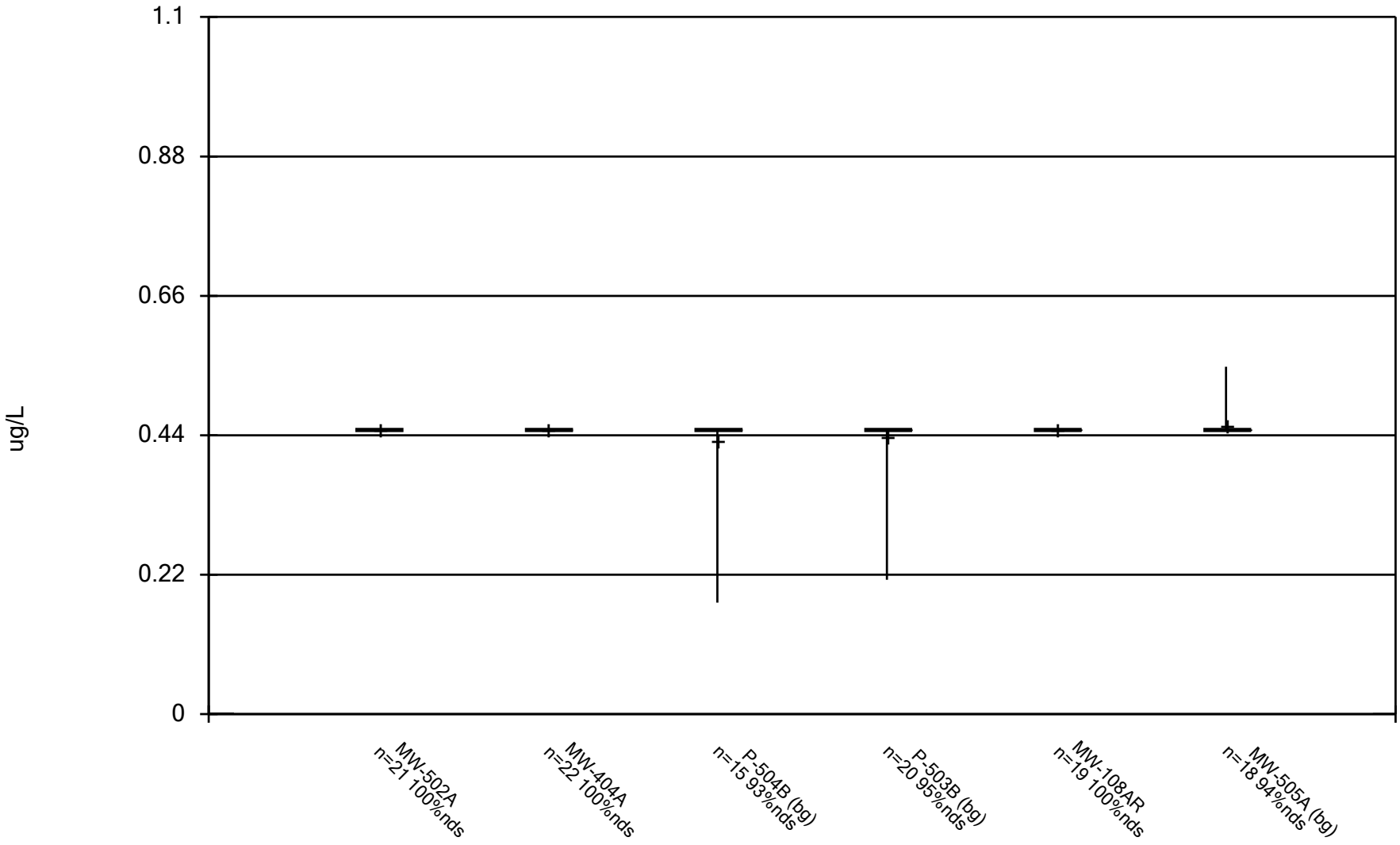
Box & Whiskers Plot



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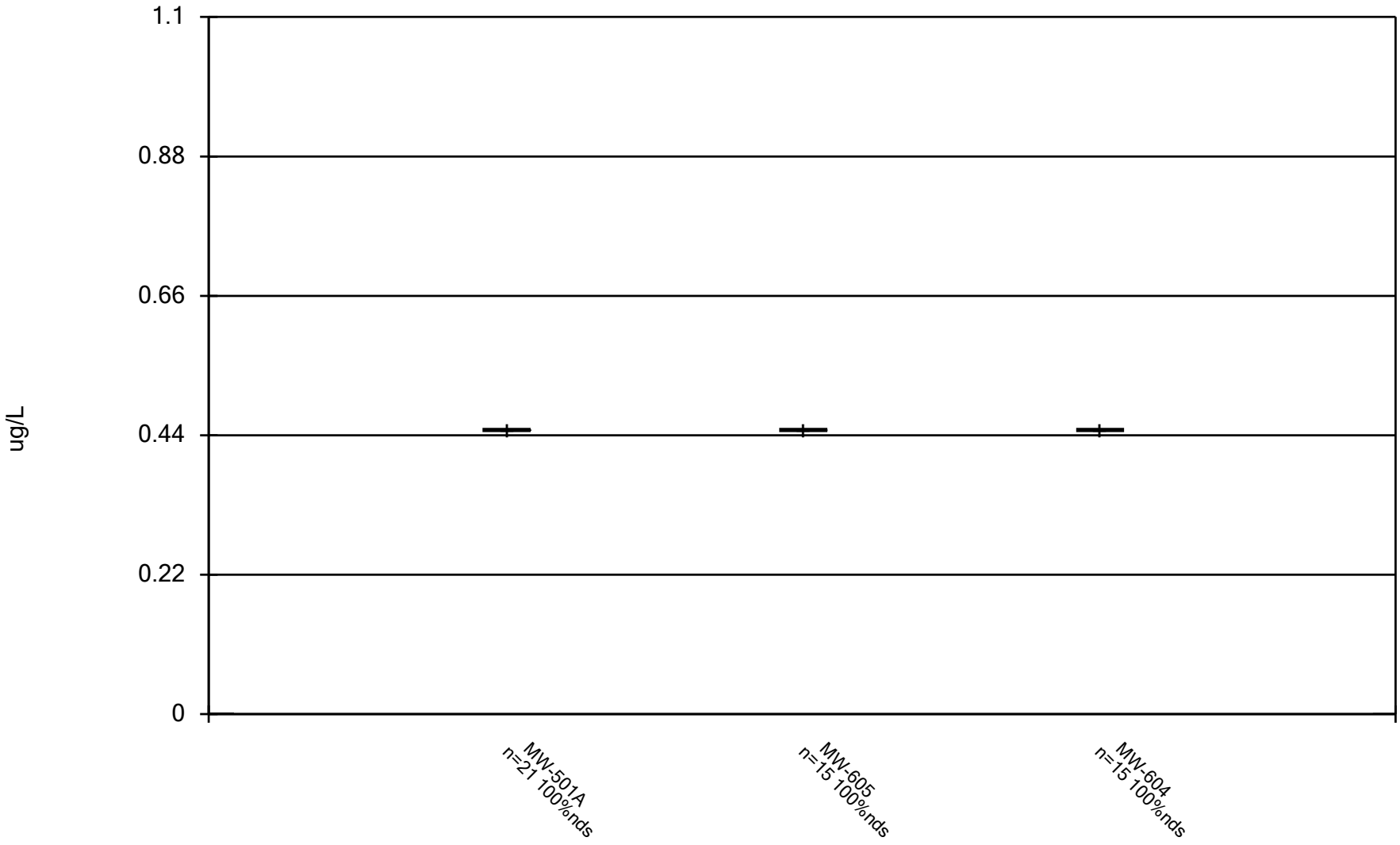
Box & Whiskers Plot



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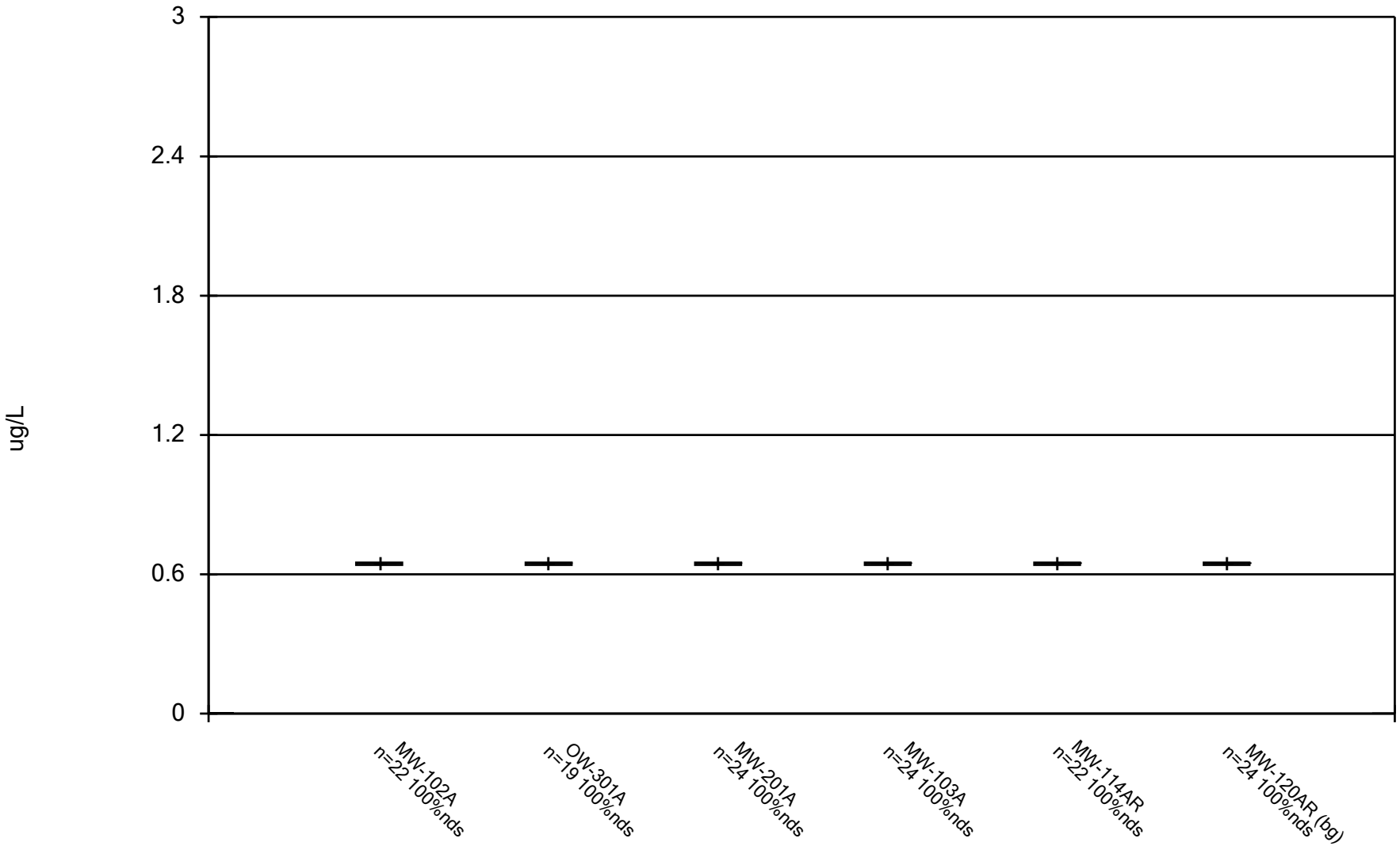
Box & Whiskers Plot



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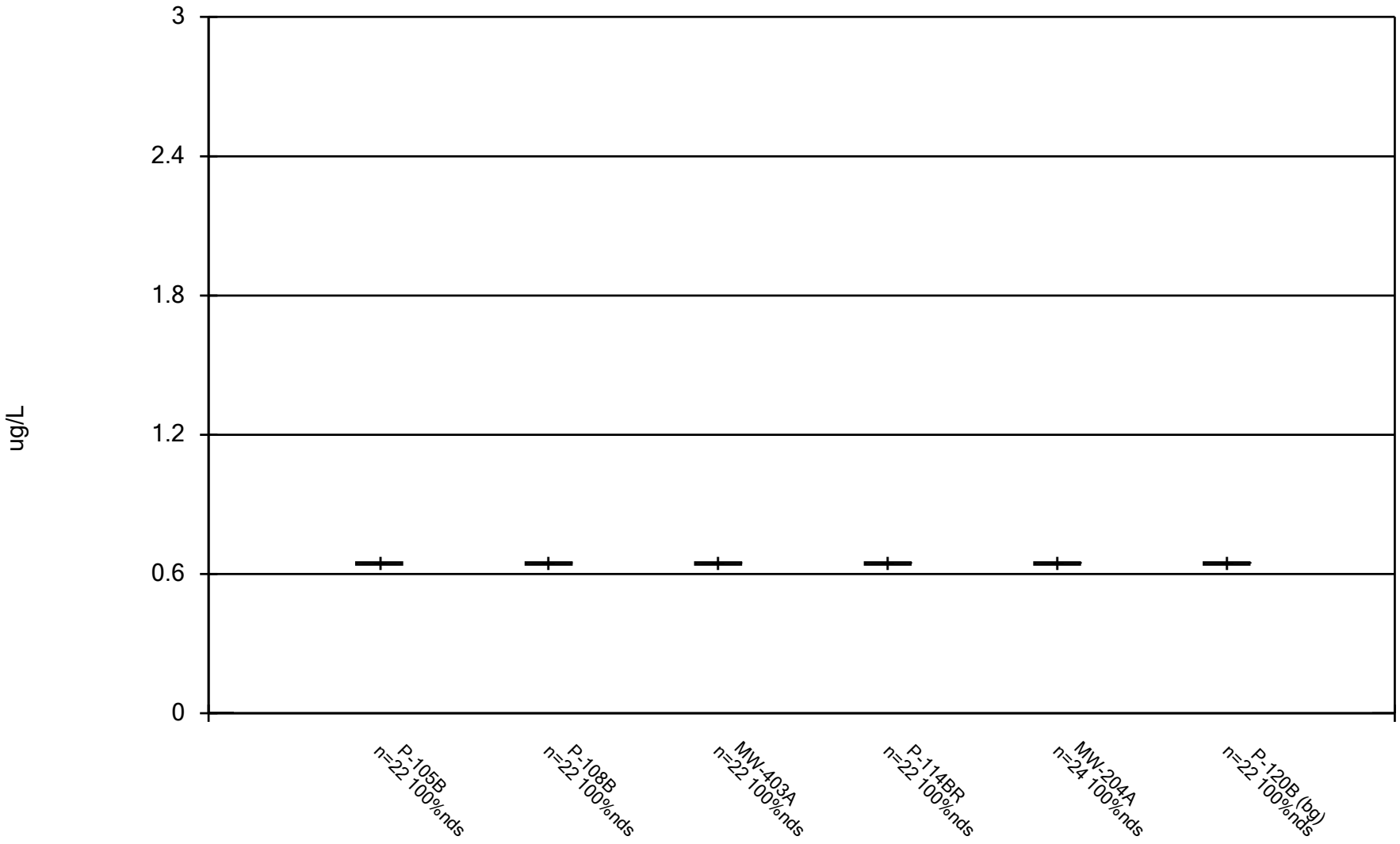
Box & Whiskers Plot



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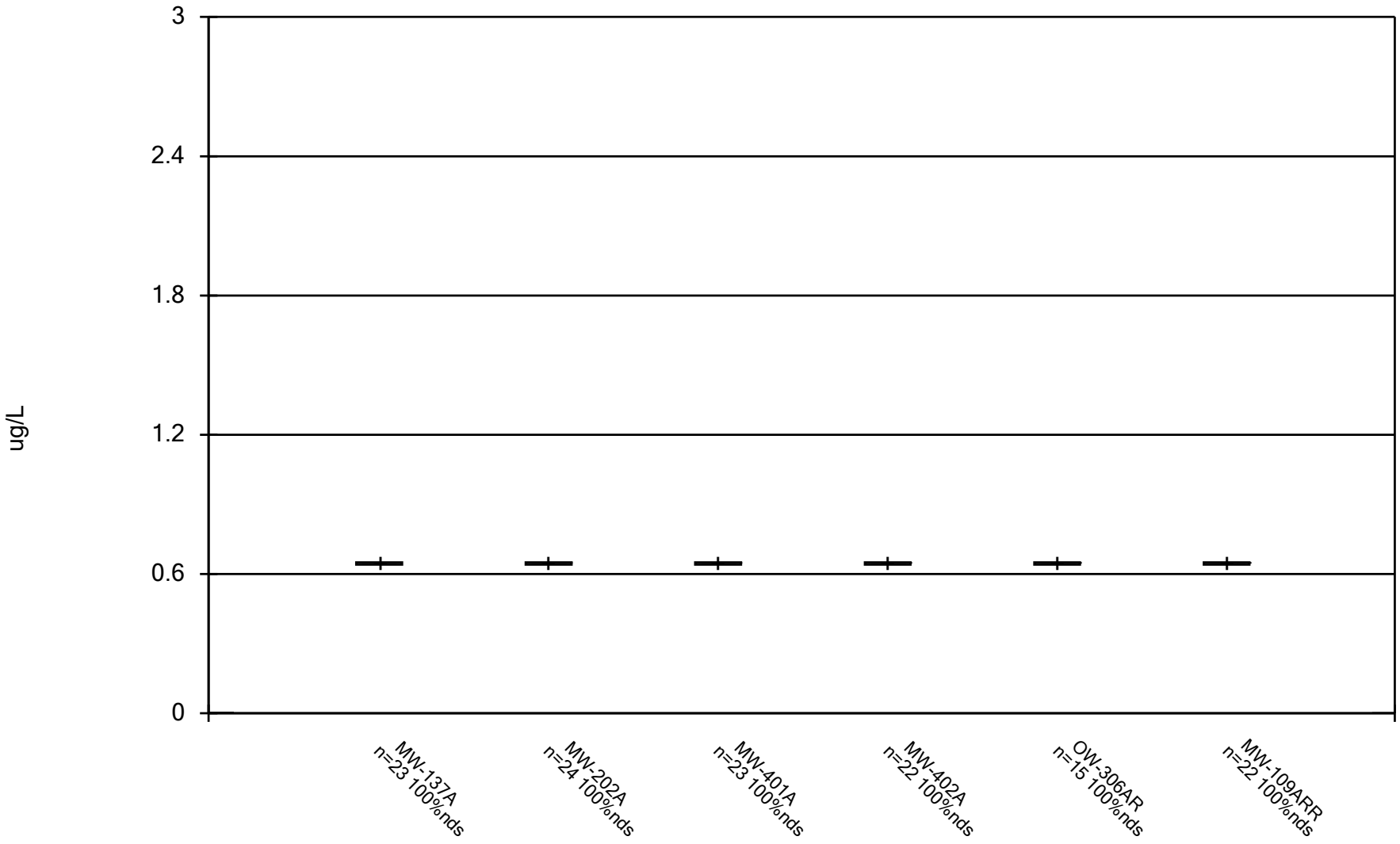
Box & Whiskers Plot



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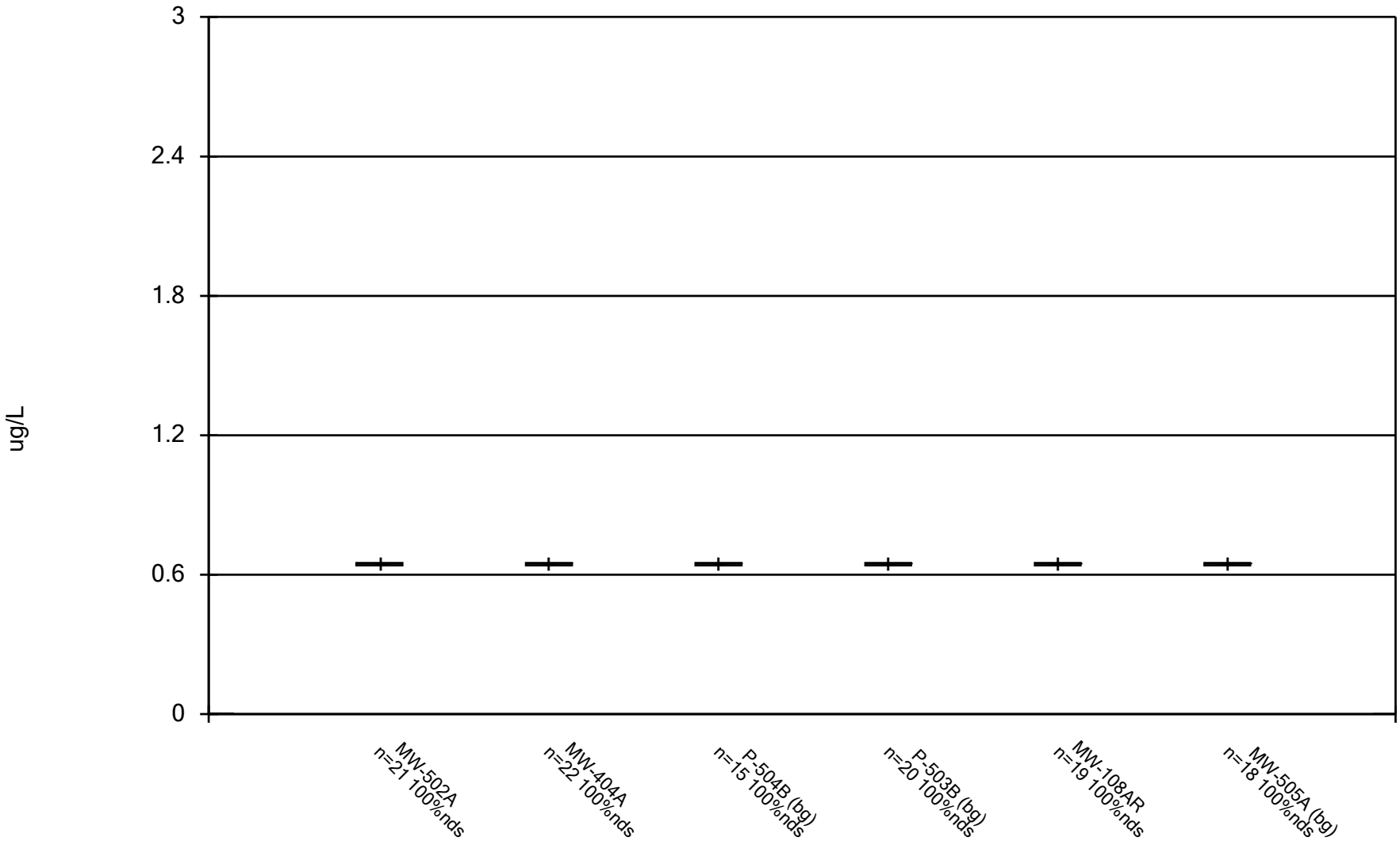
Box & Whiskers Plot



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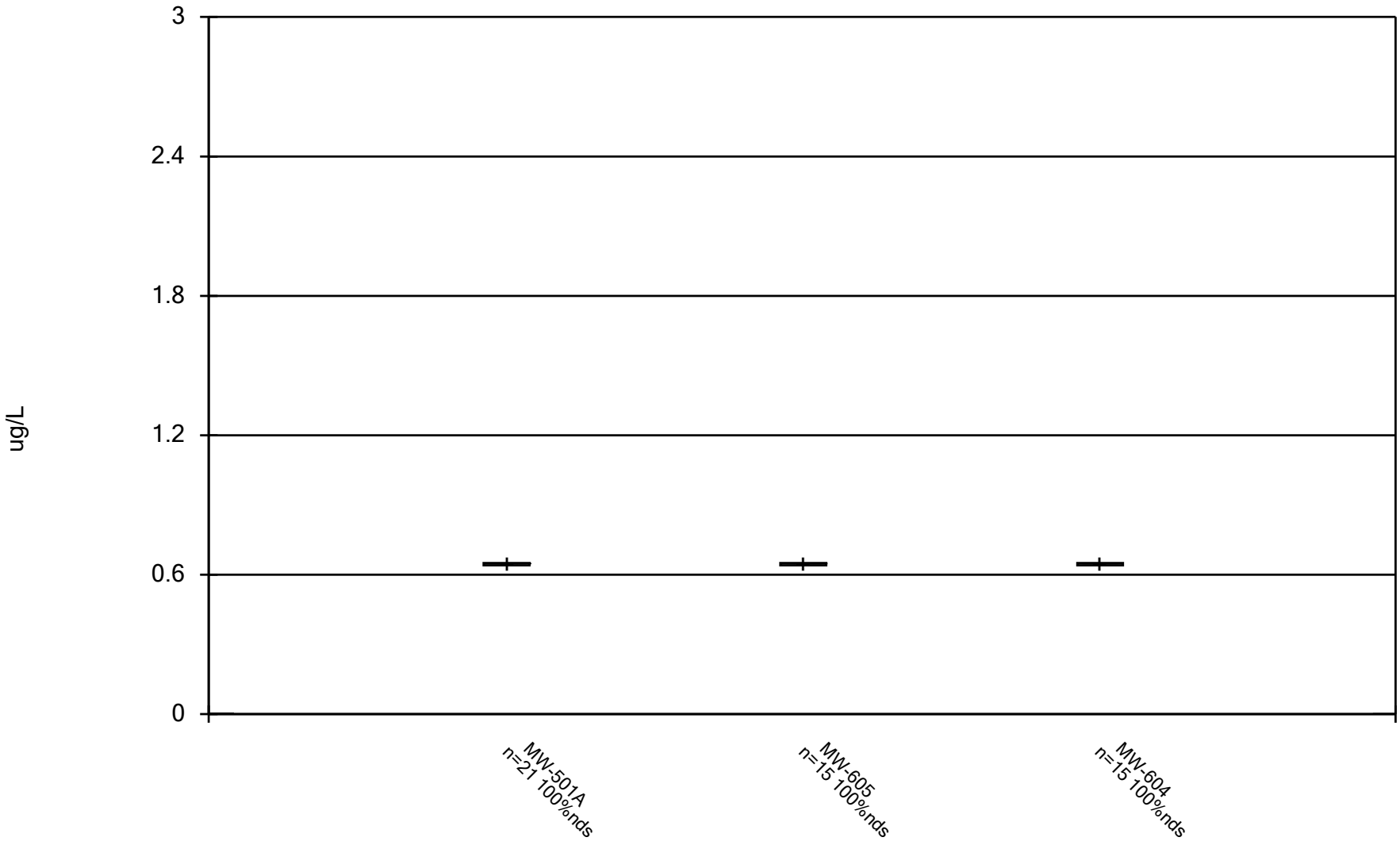

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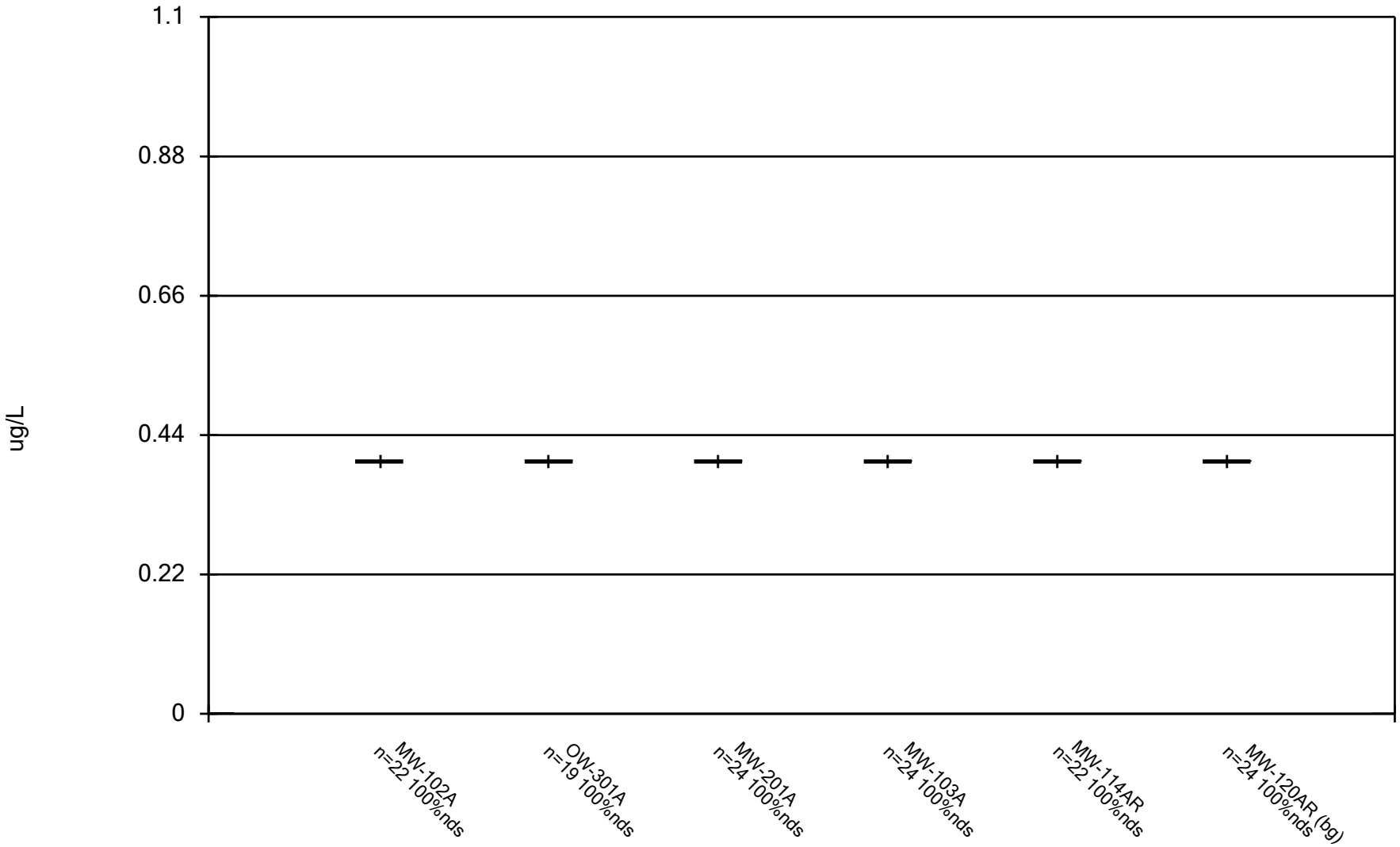

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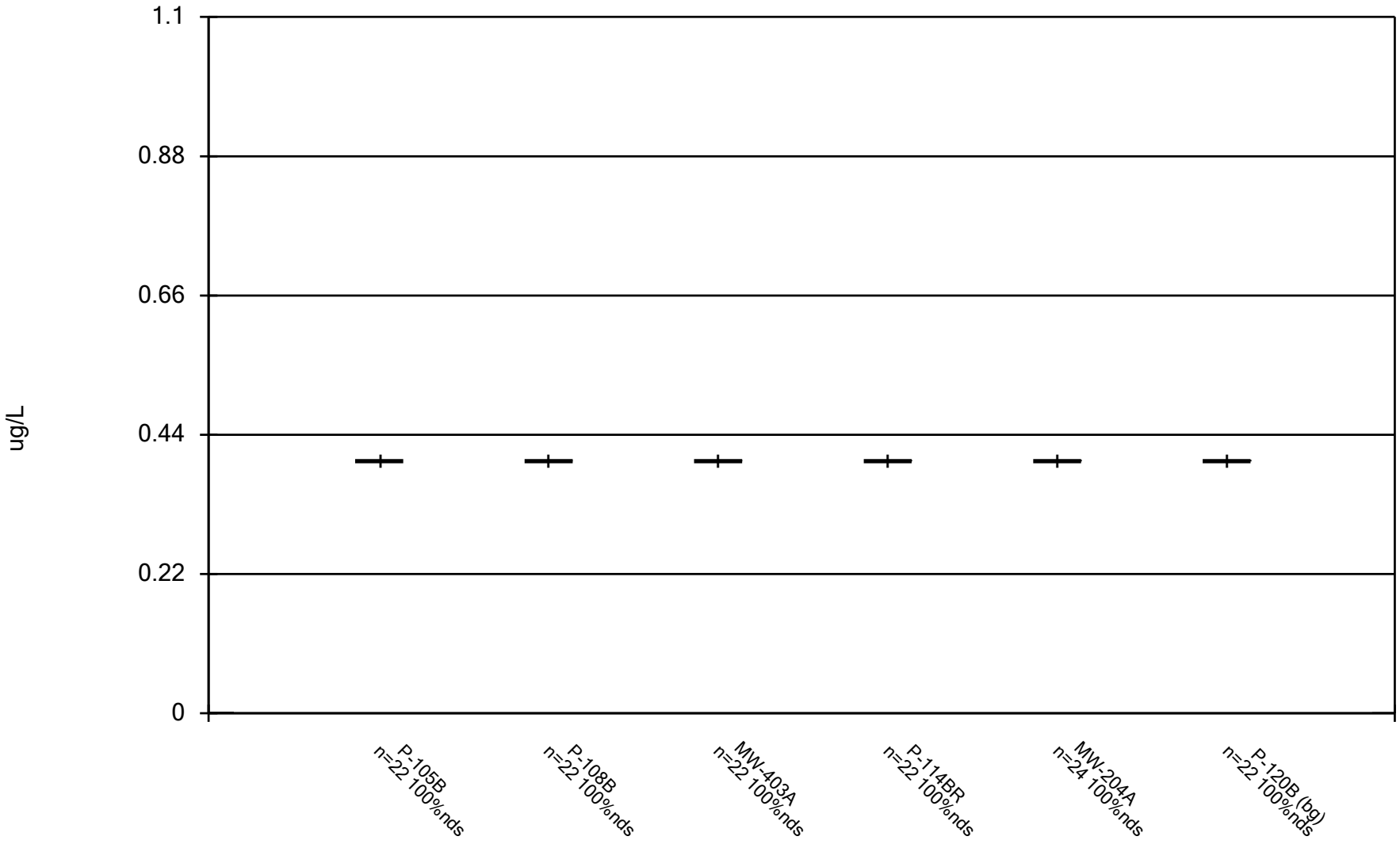
Box & Whiskers Plot



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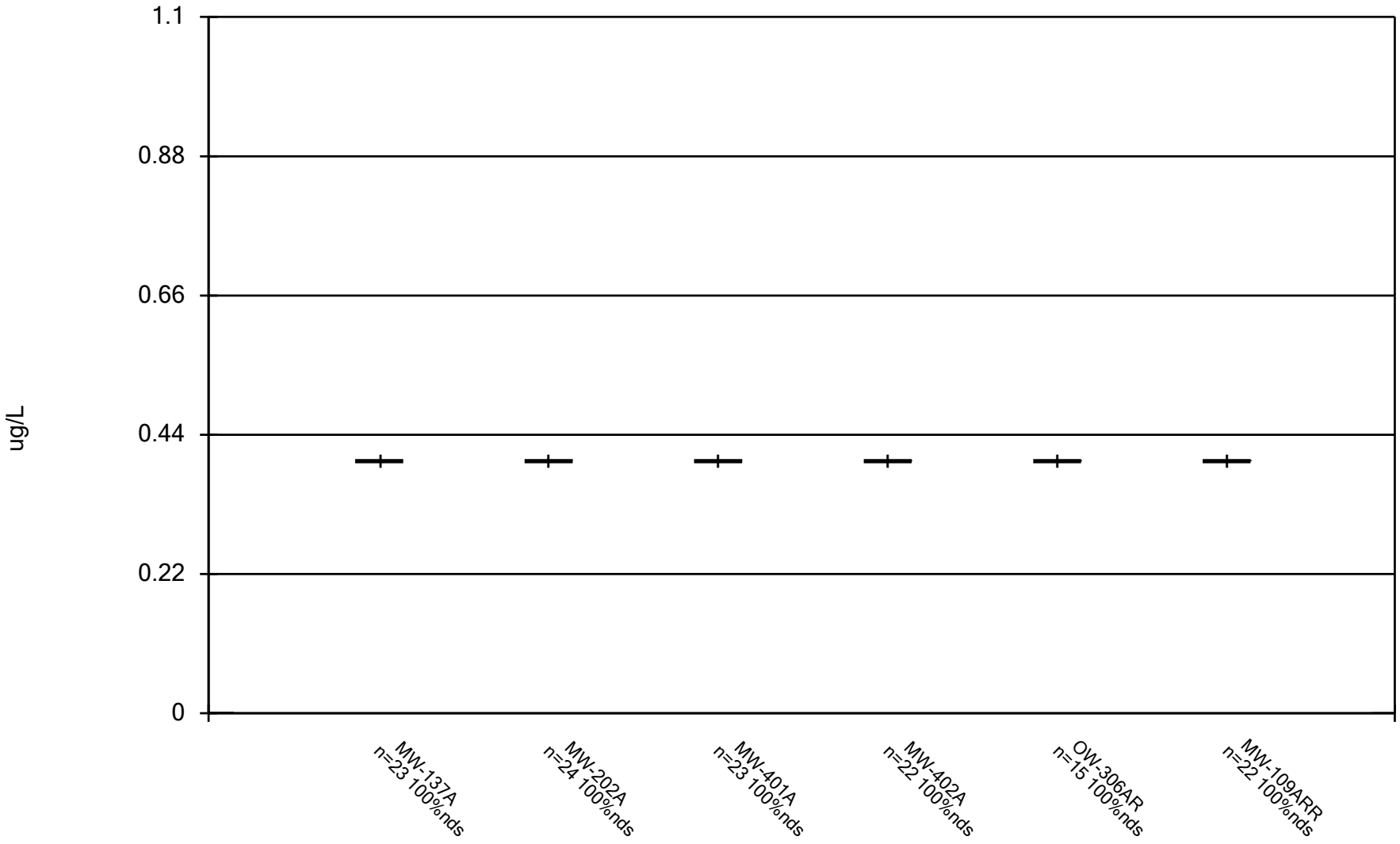

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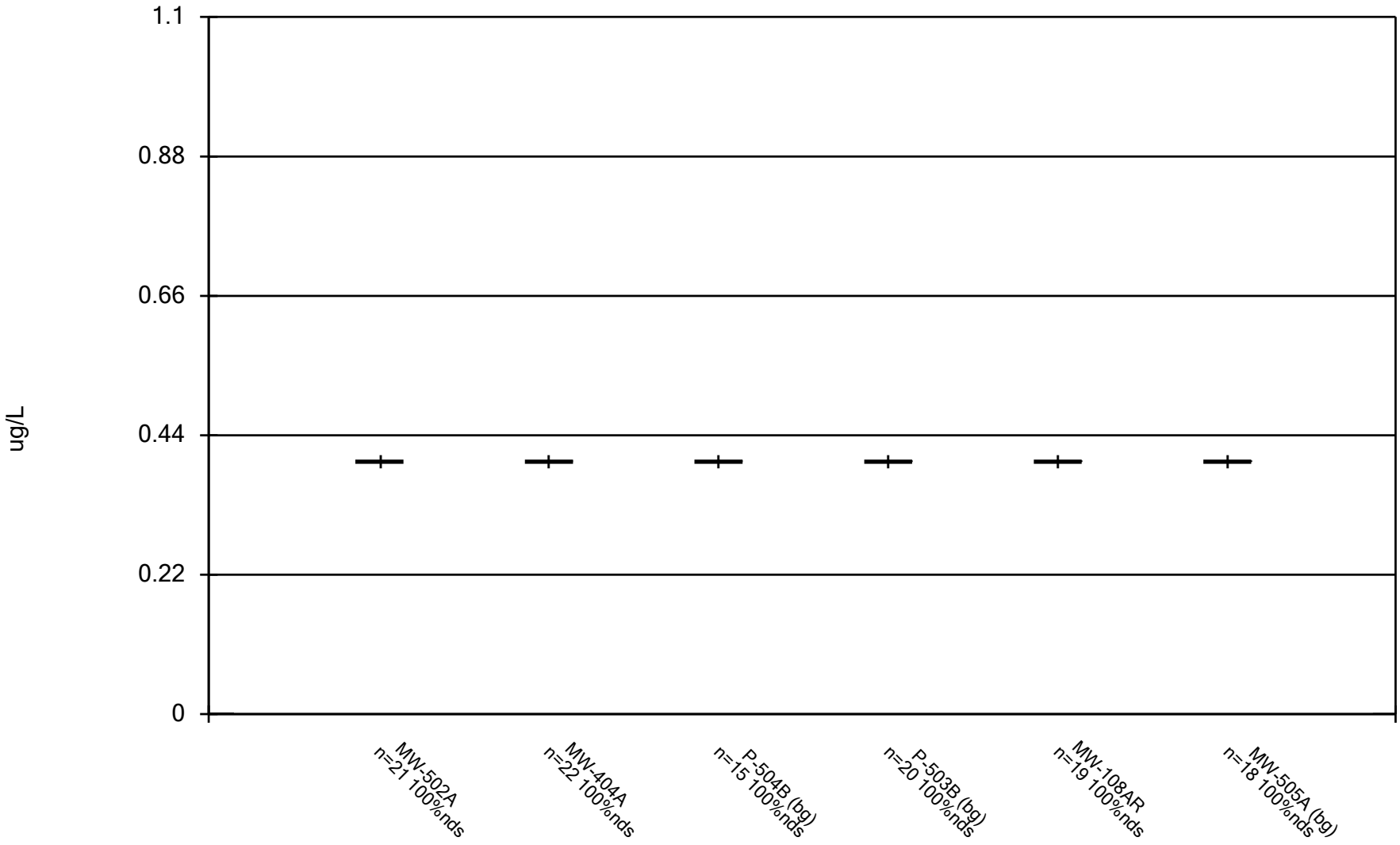

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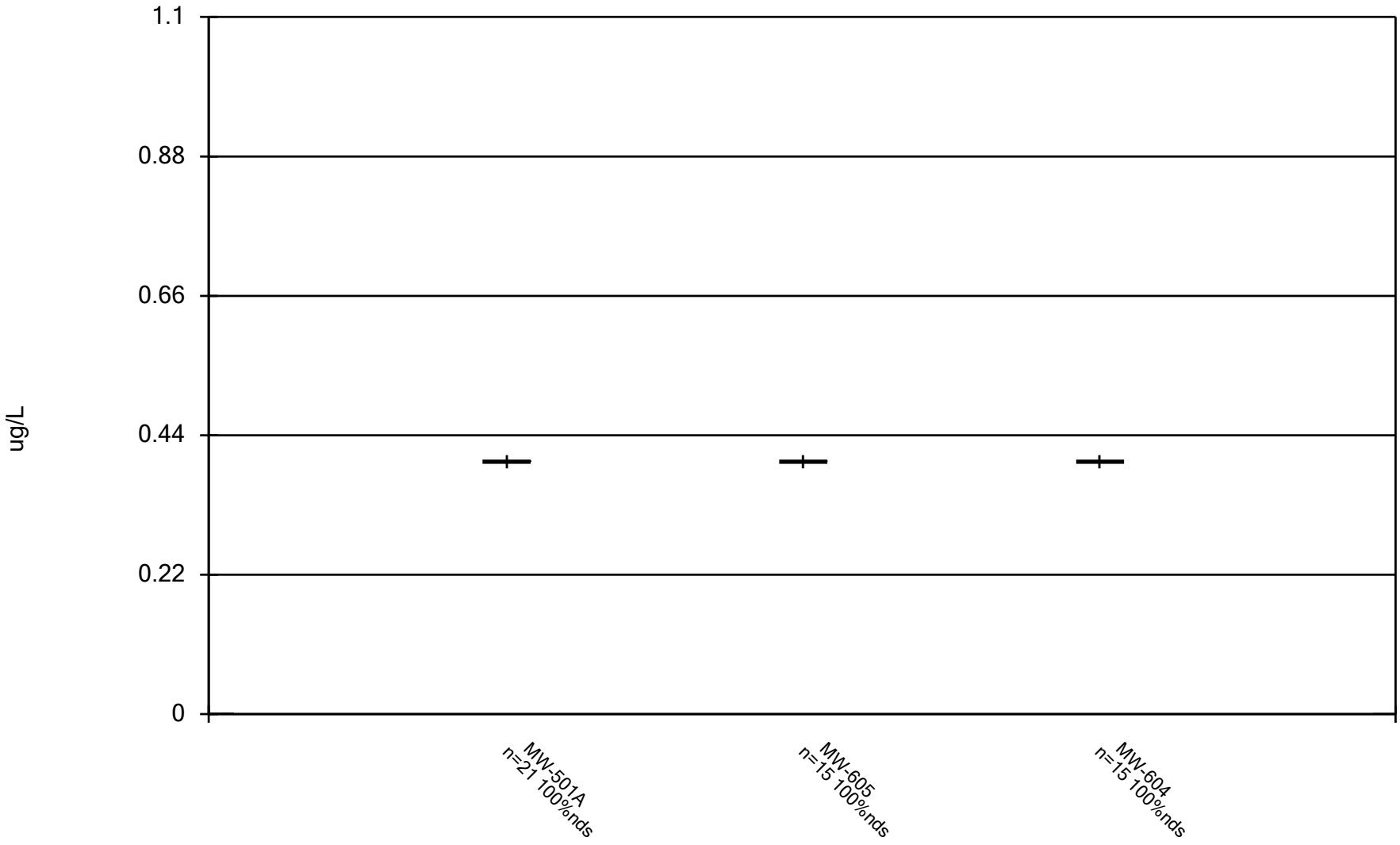

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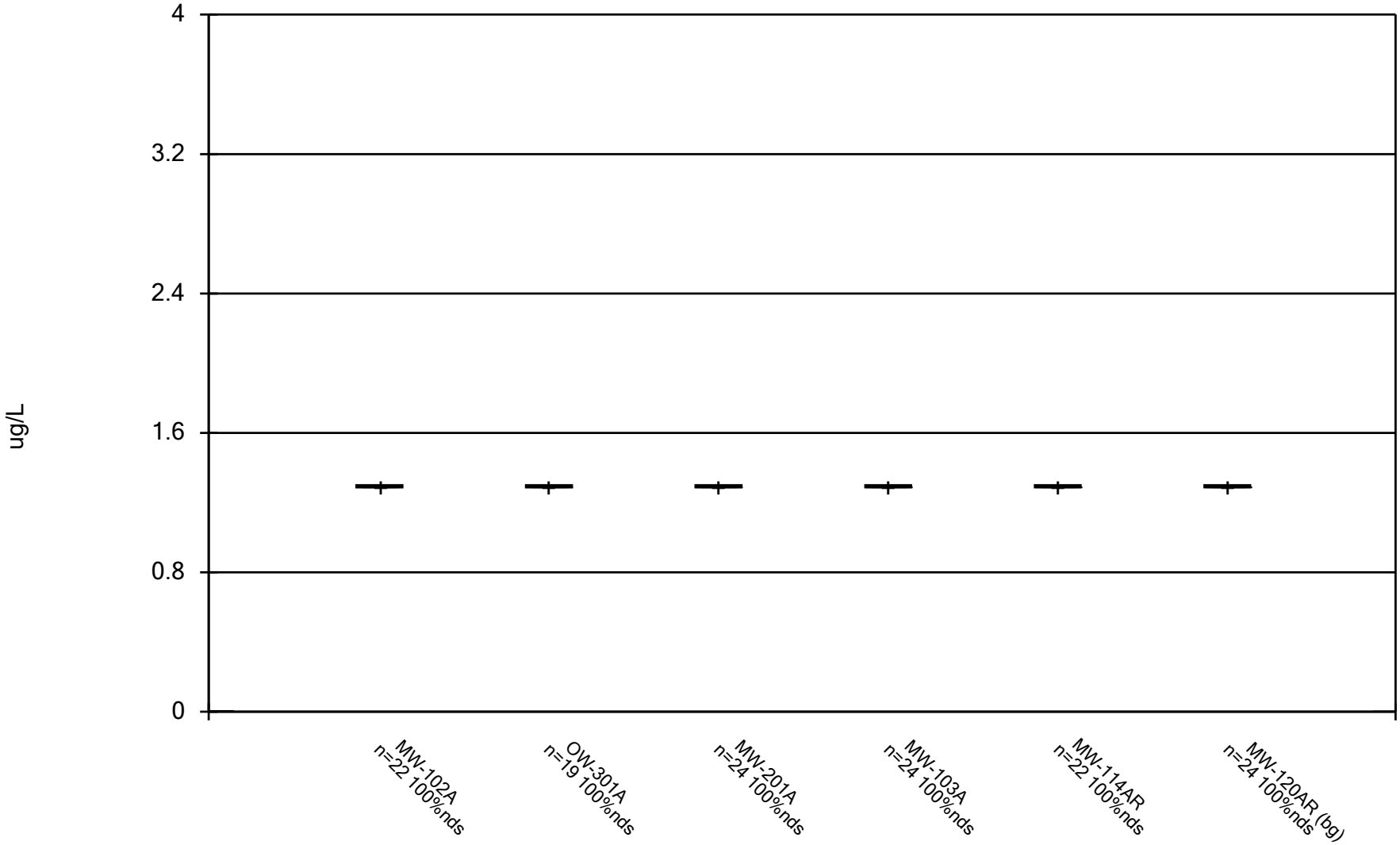

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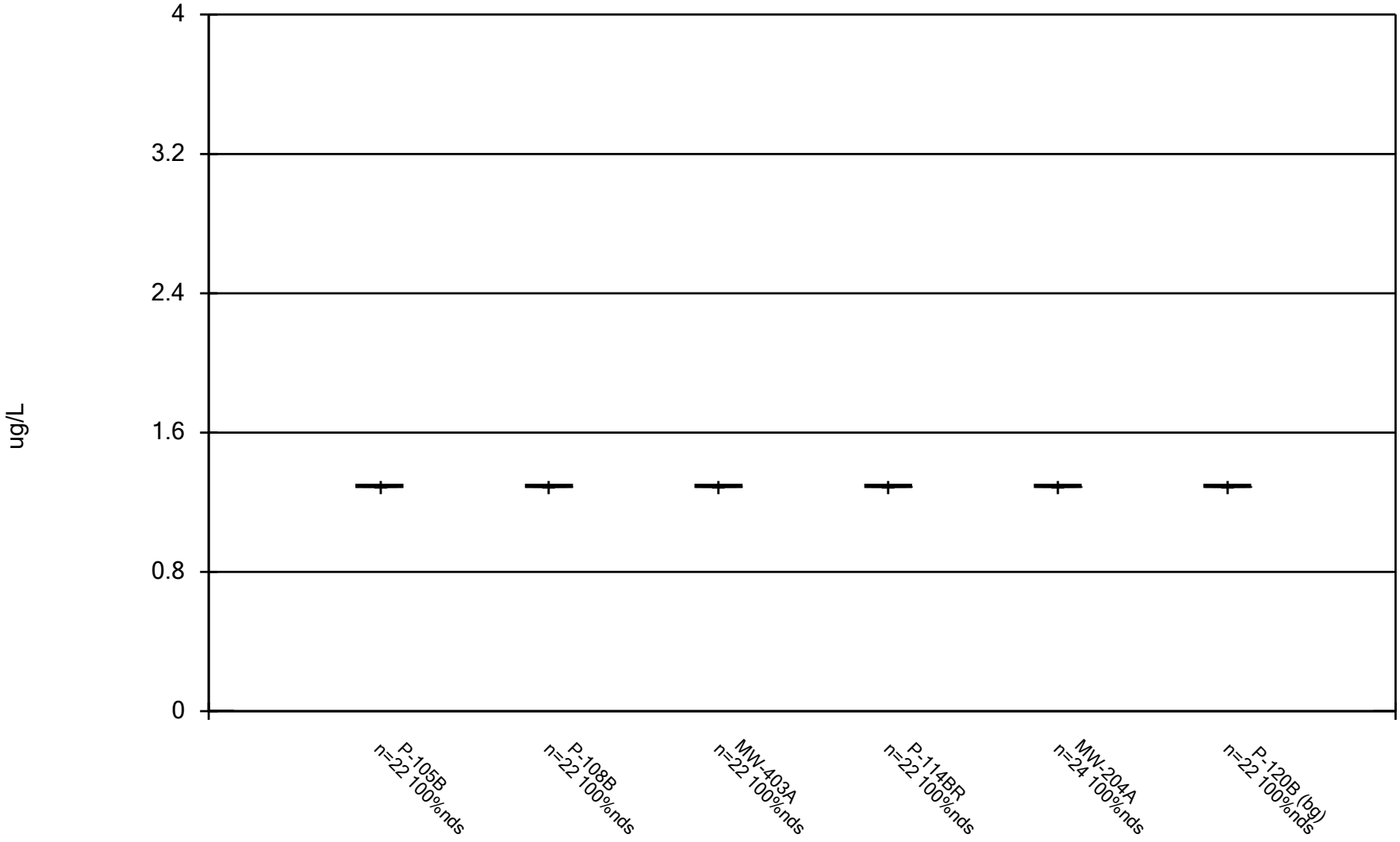
Box & Whiskers Plot



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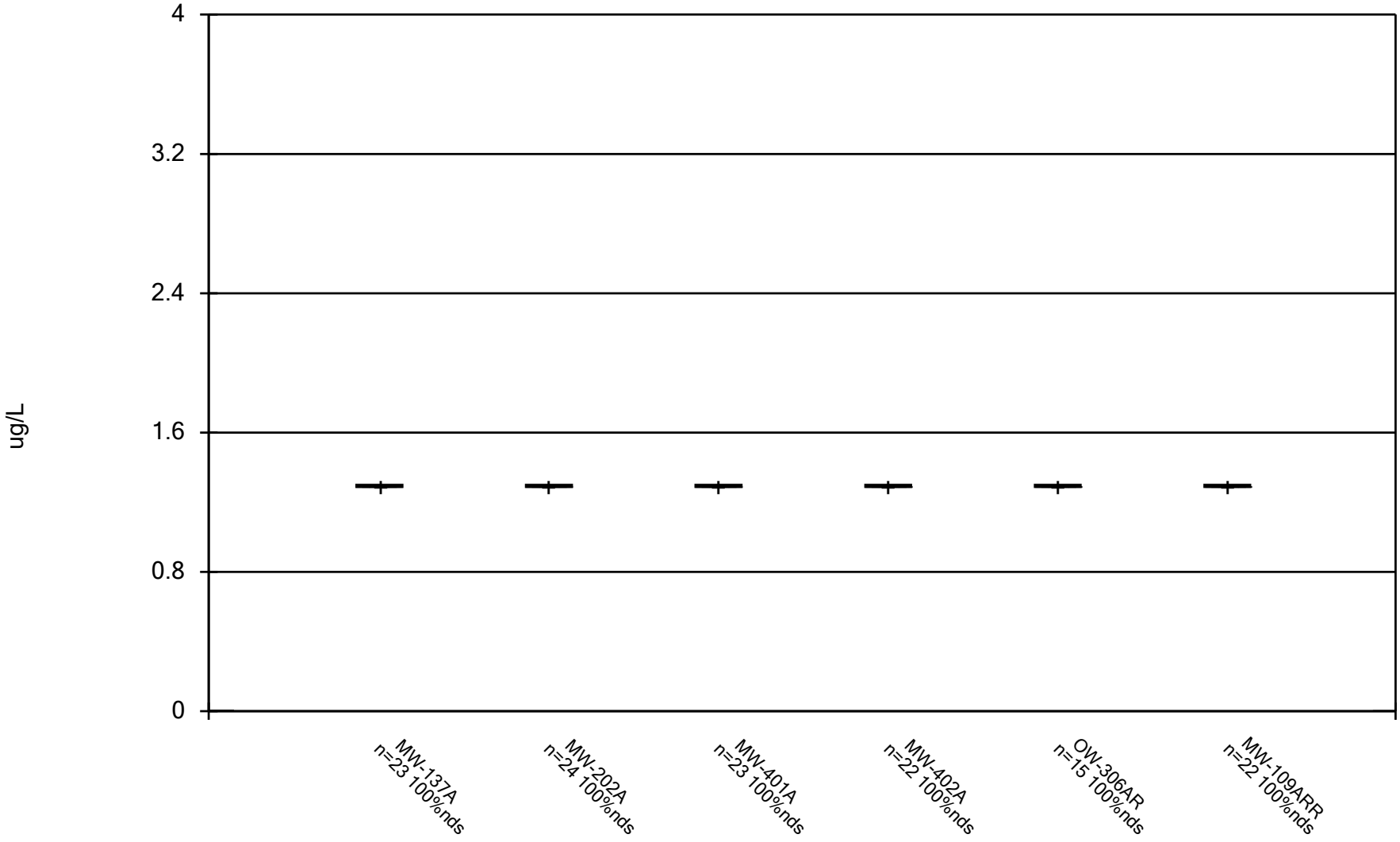
Box & Whiskers Plot



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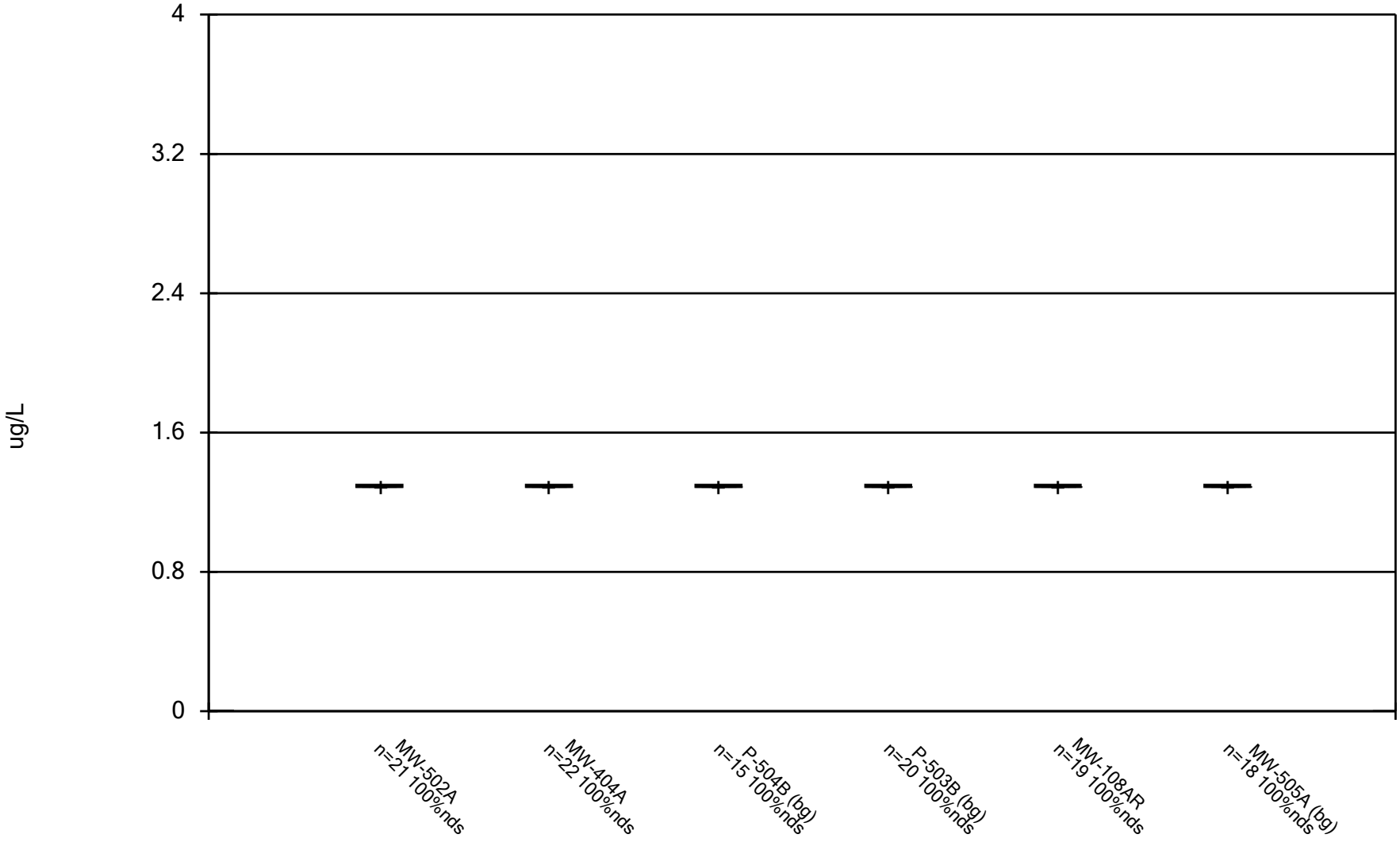

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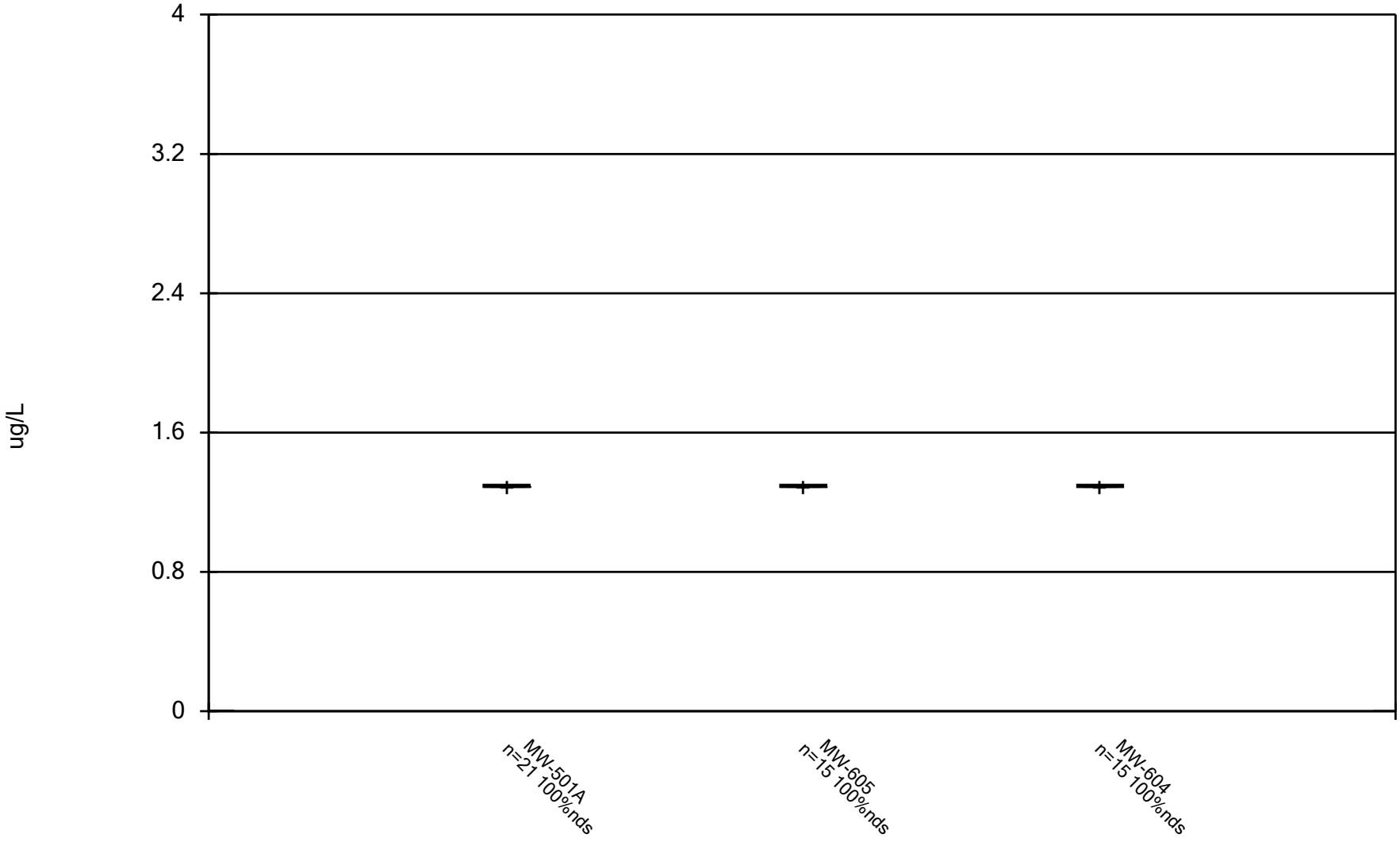

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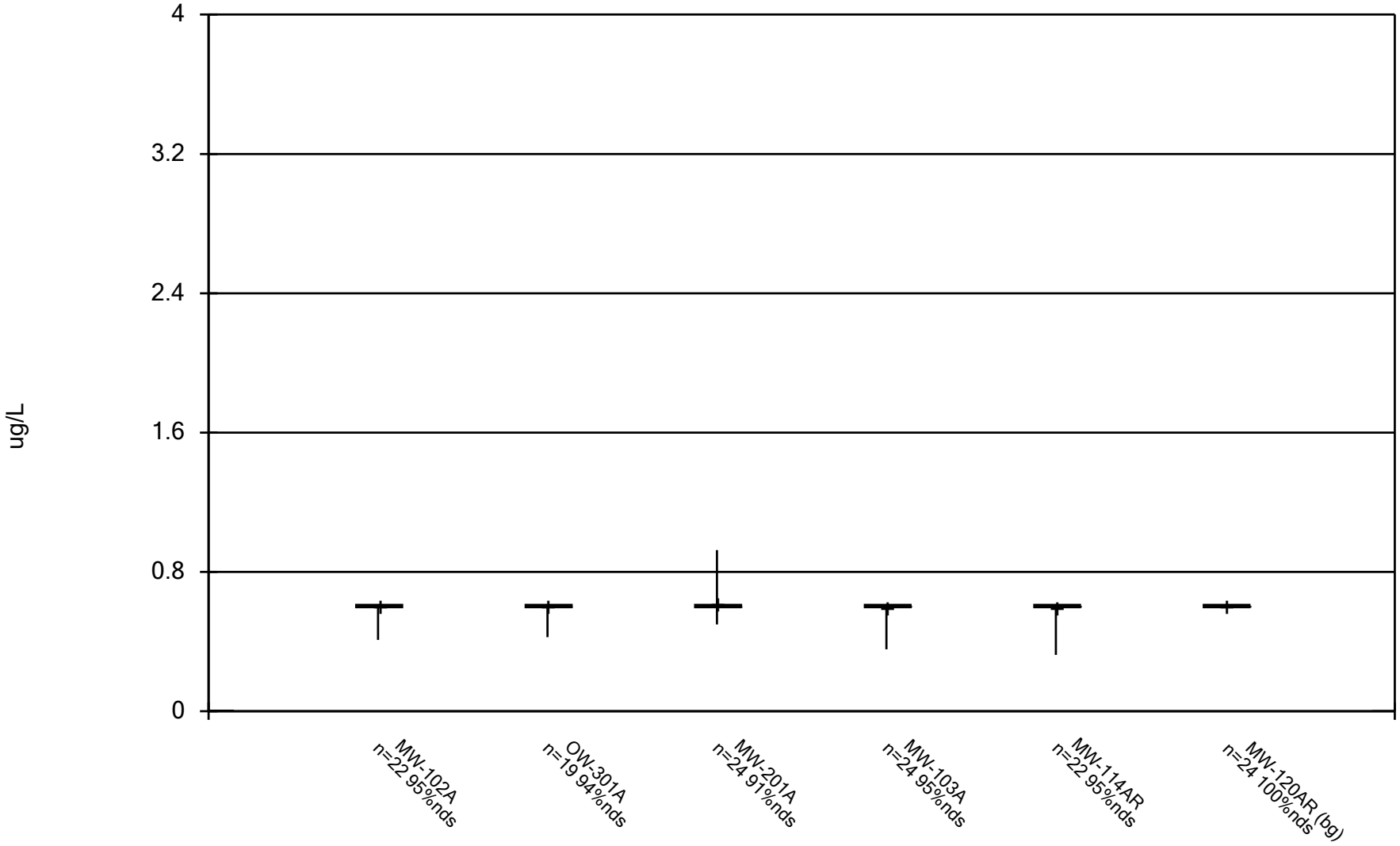
Box & Whiskers Plot



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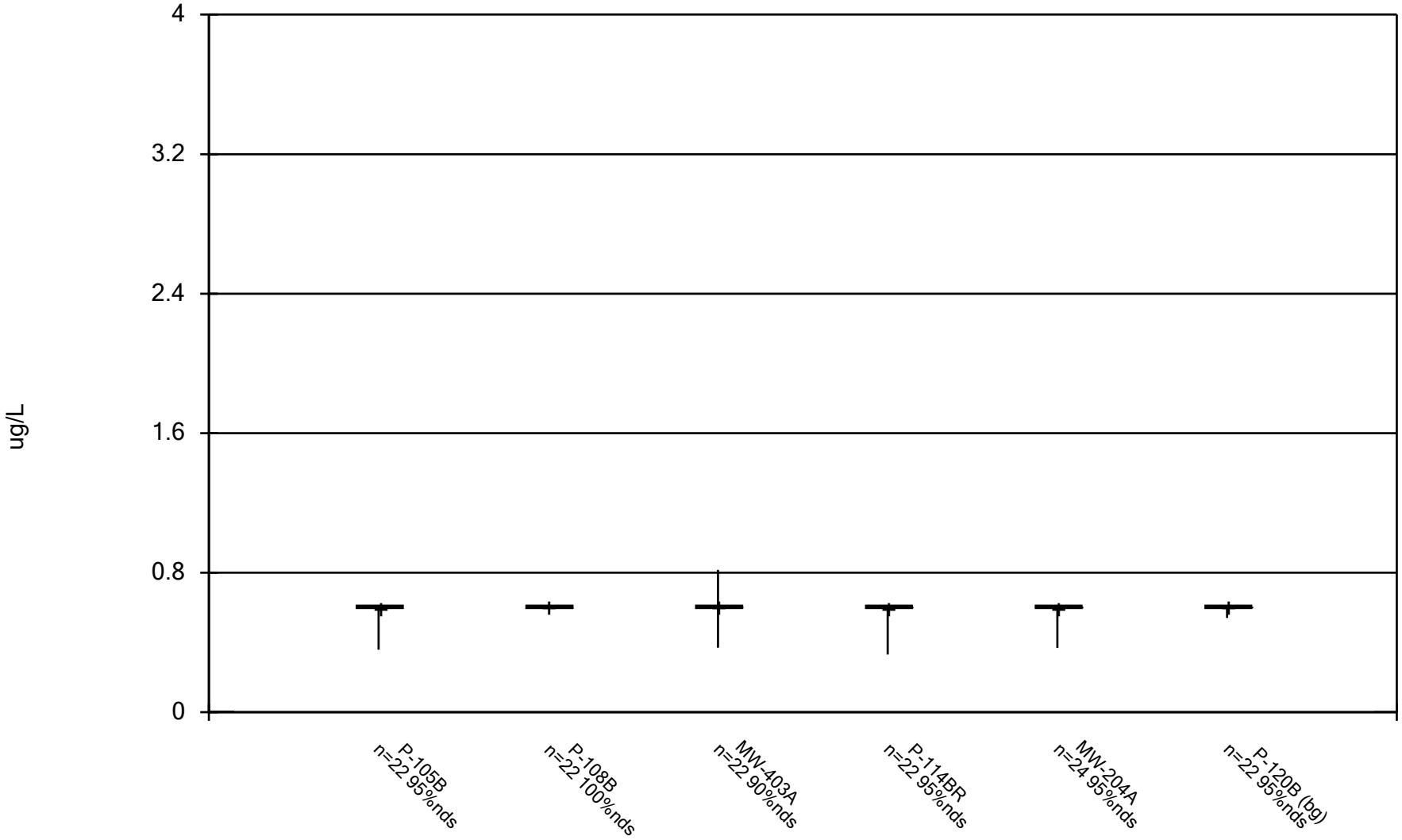
Box & Whiskers Plot



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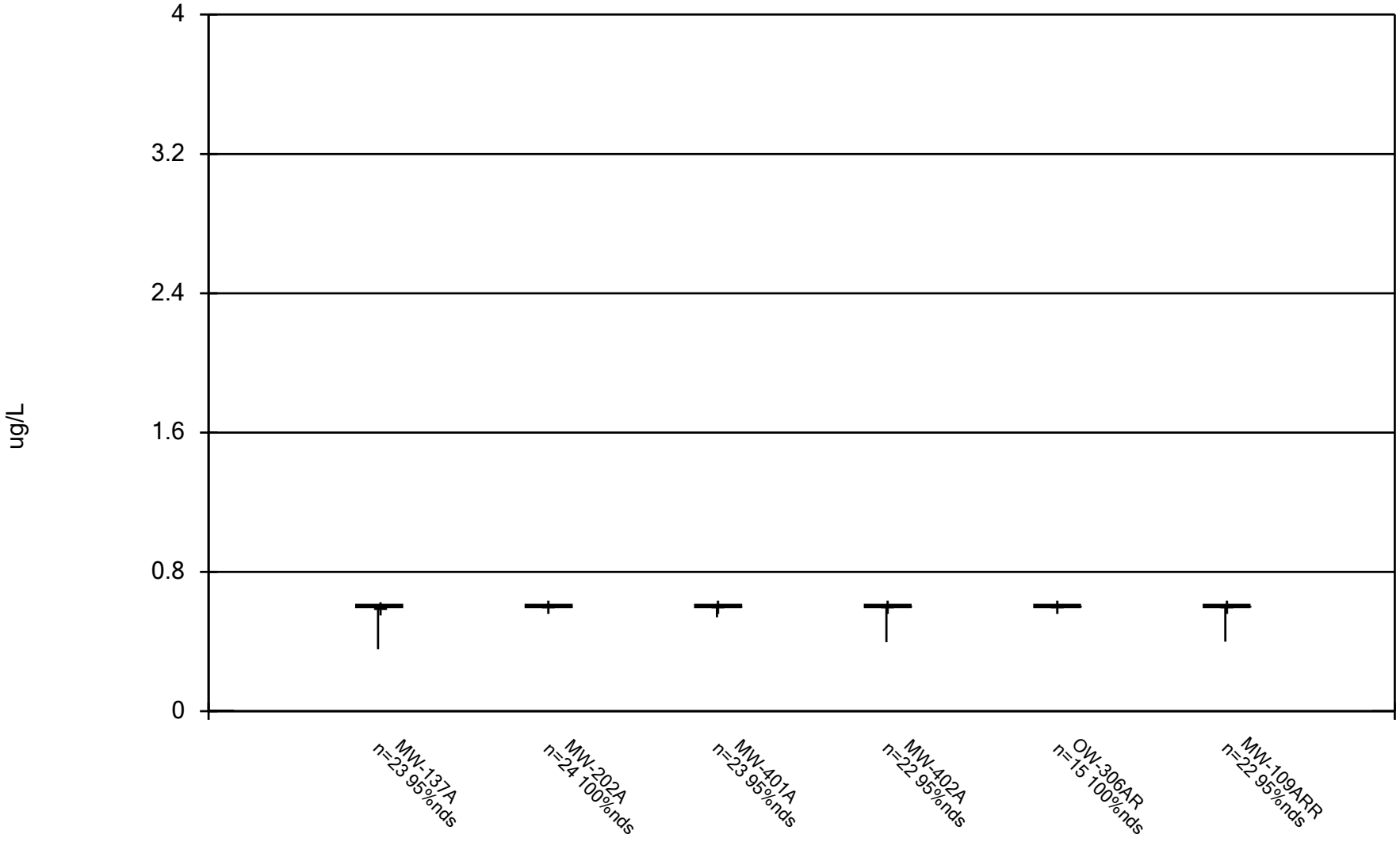

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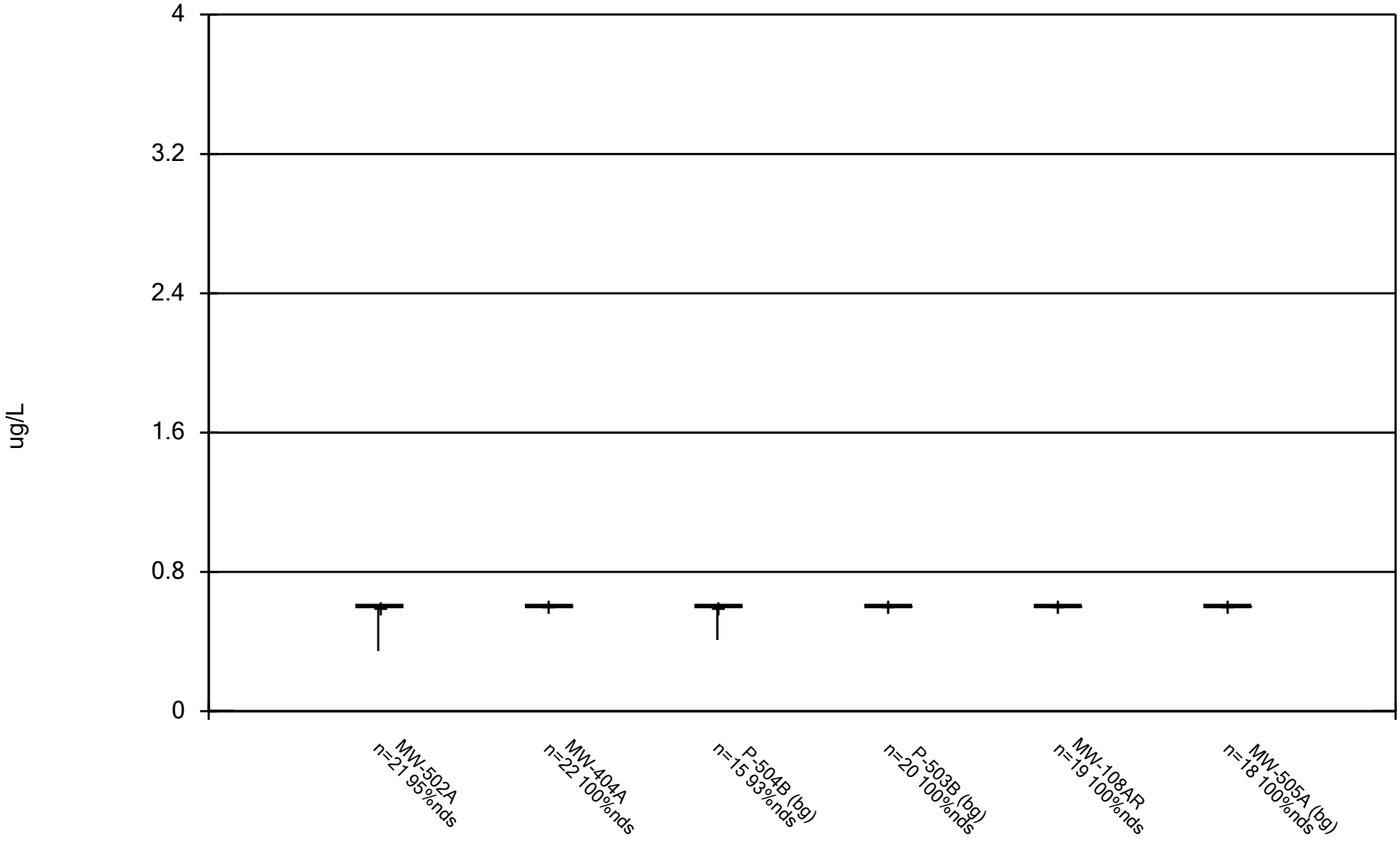

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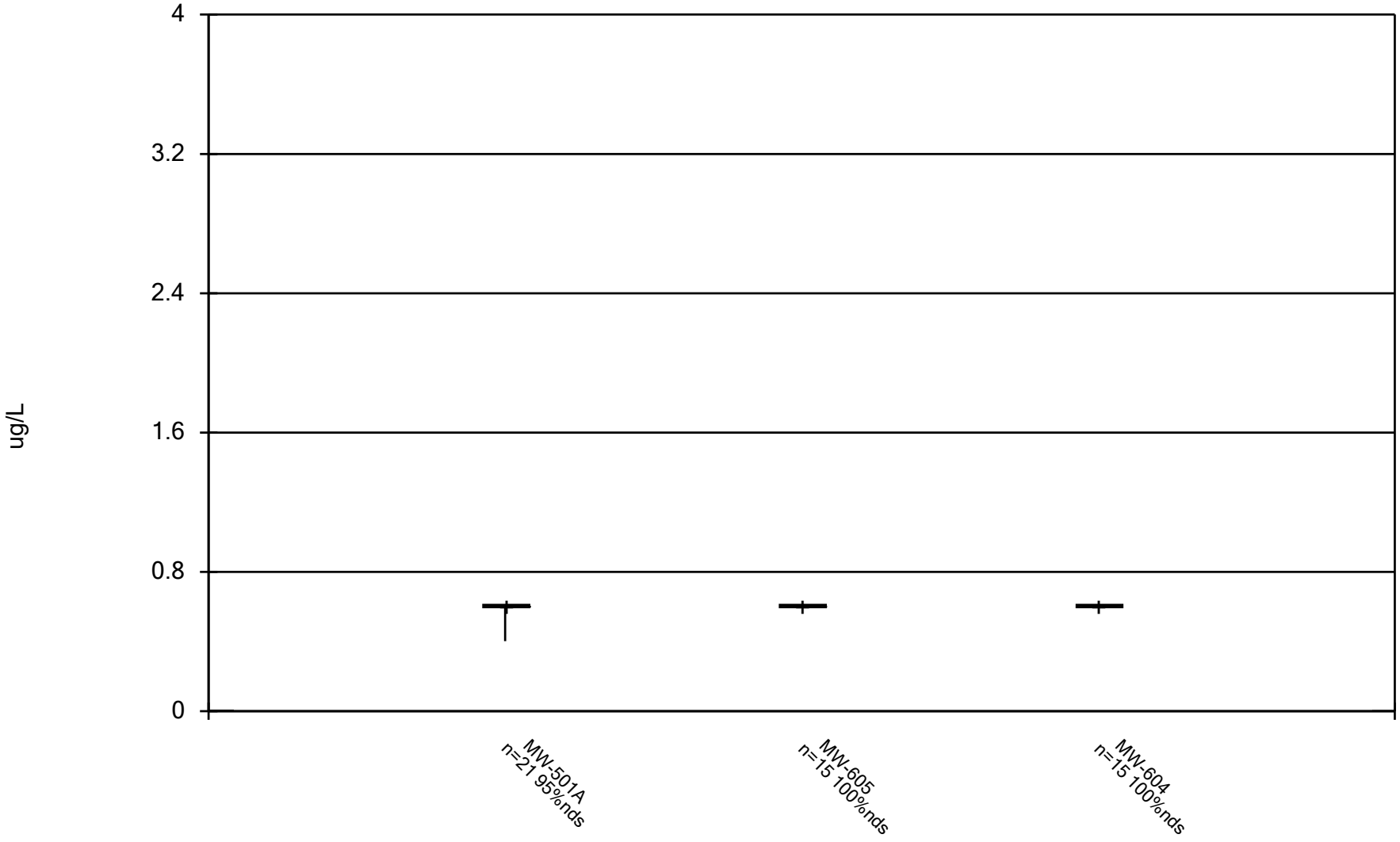
Box & Whiskers Plot



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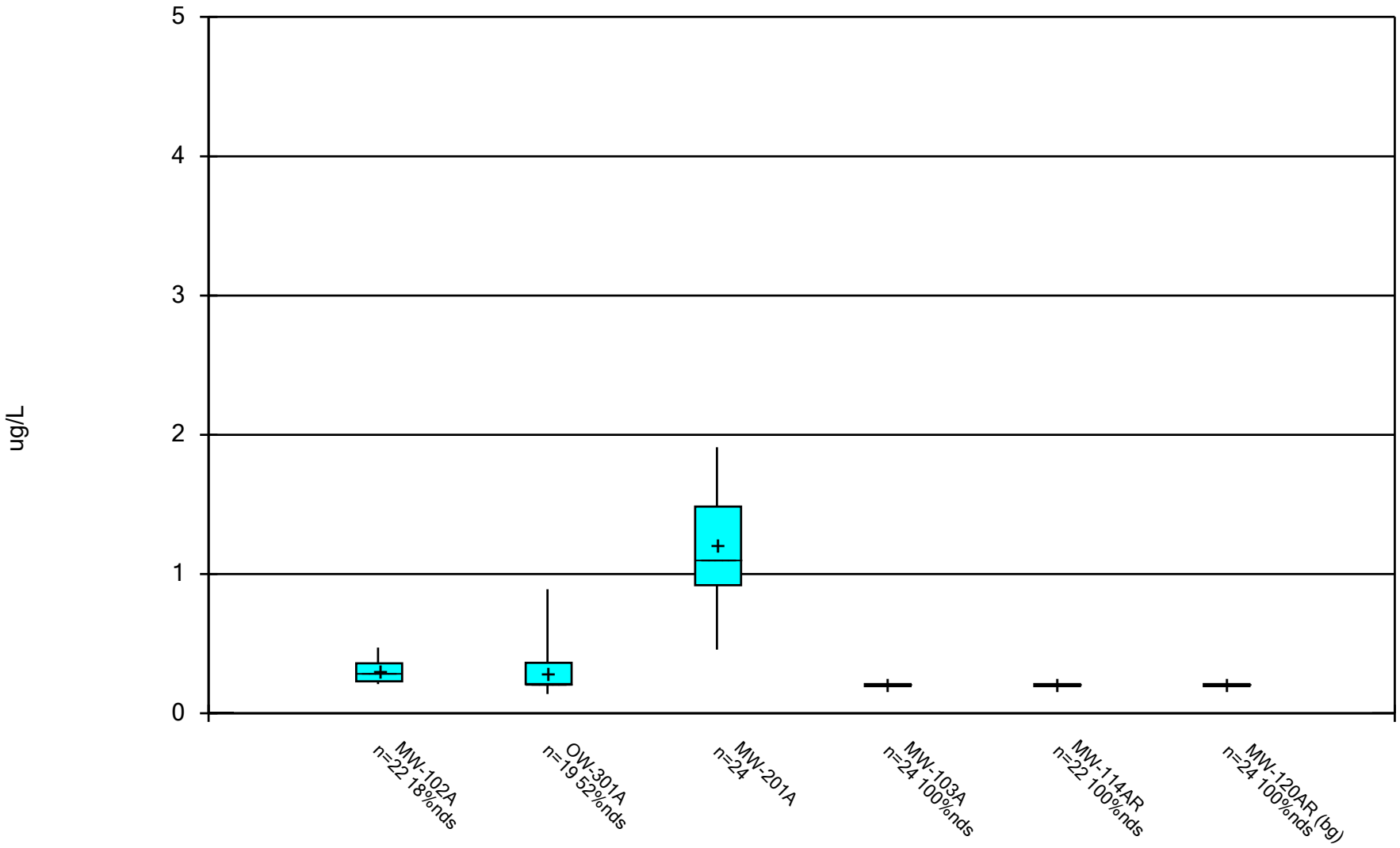

Constituent: cis-1,2-Dichloroethene Analysis Run 6/12/2025 2:18 PM View: All Wells - Appendix I VOCs

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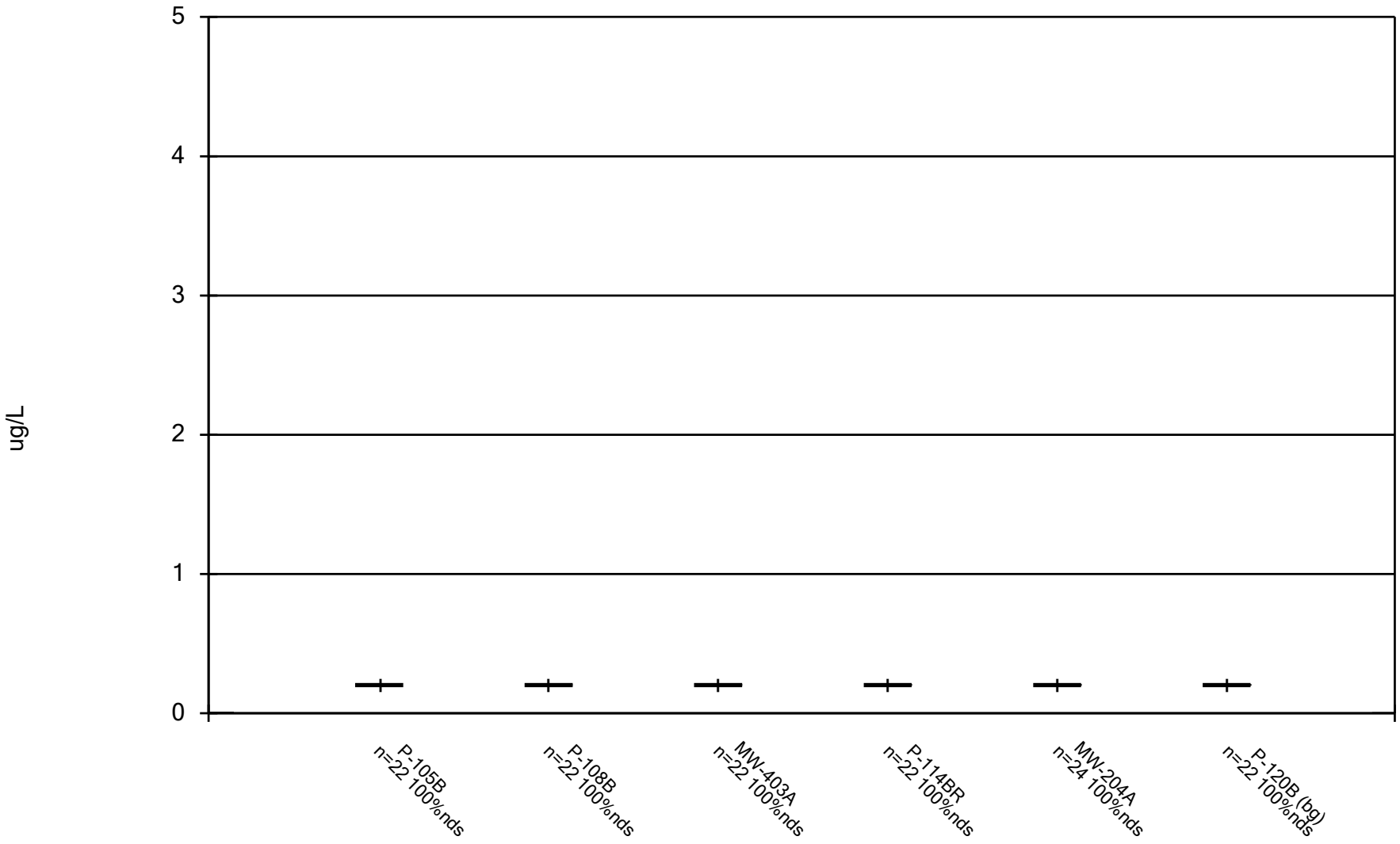
Box & Whiskers Plot



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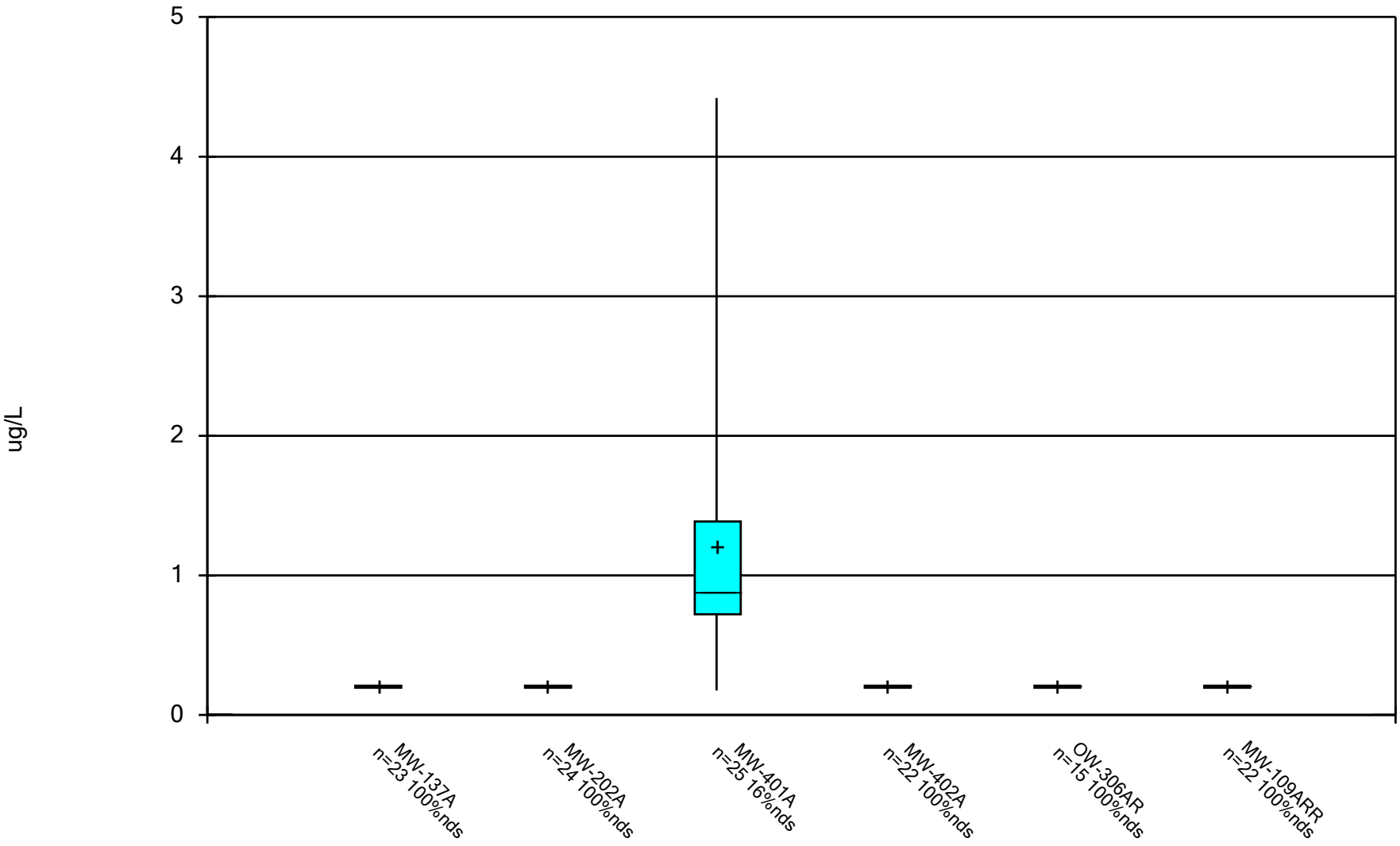
Box & Whiskers Plot



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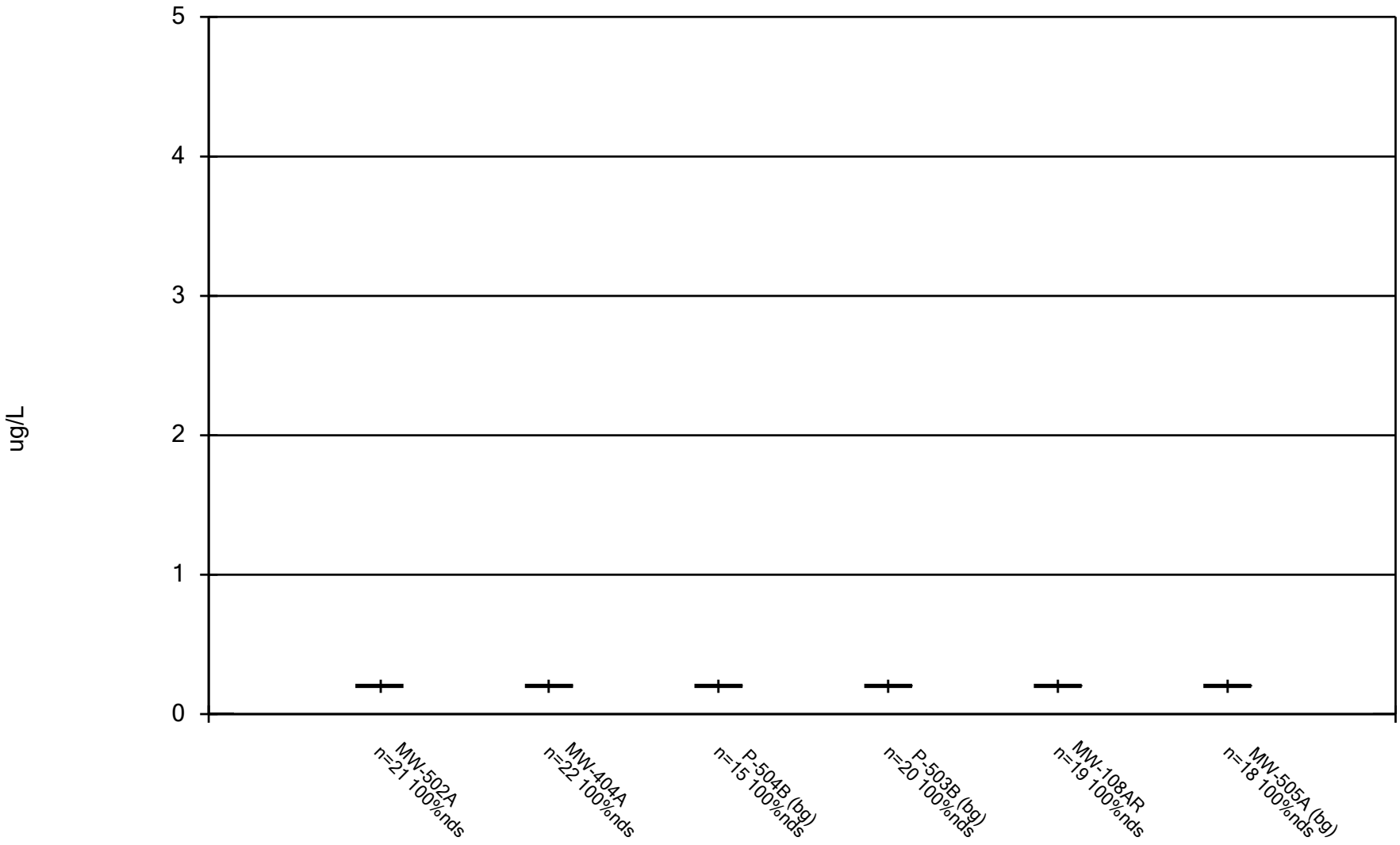
Box & Whiskers Plot



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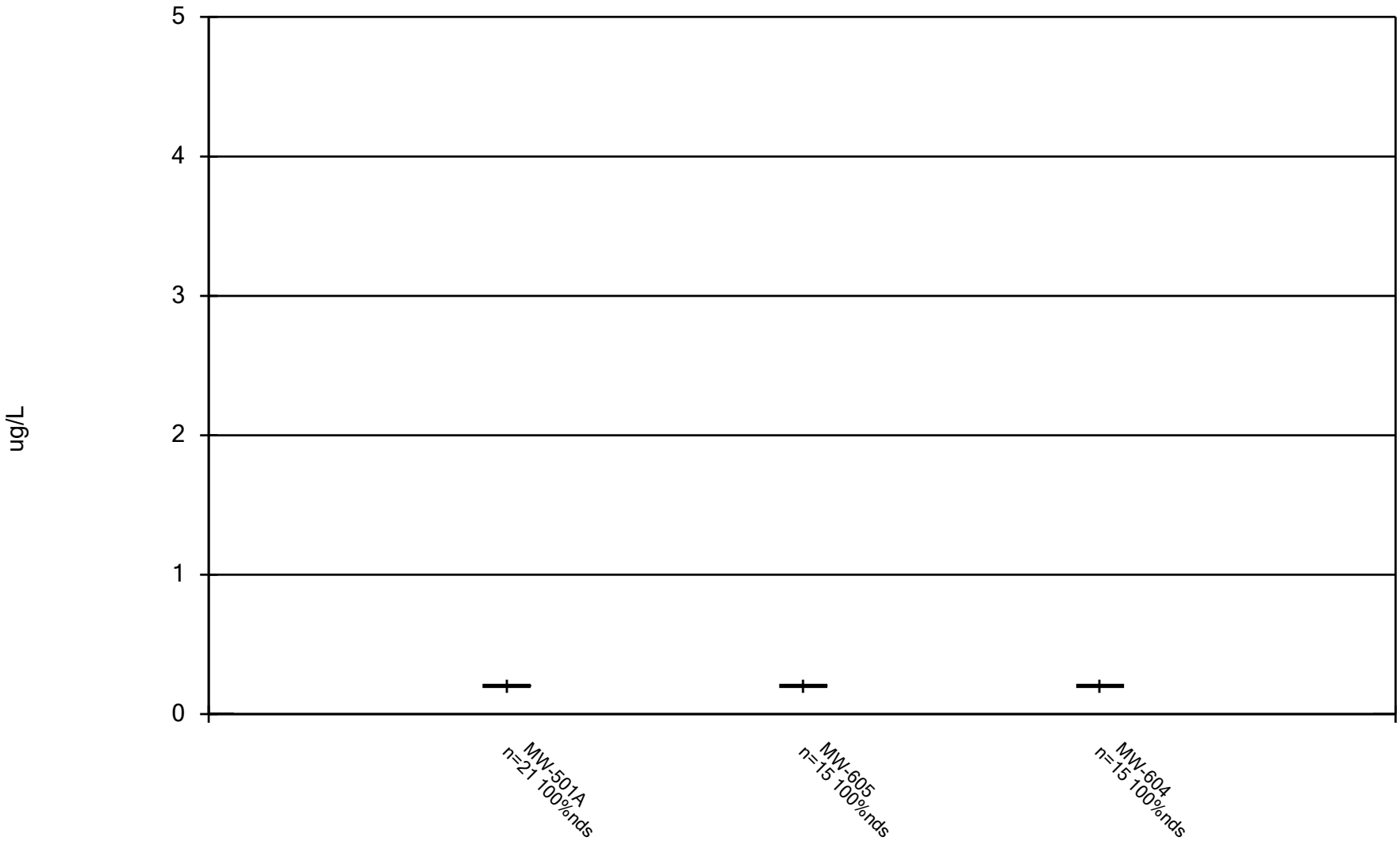
Box & Whiskers Plot



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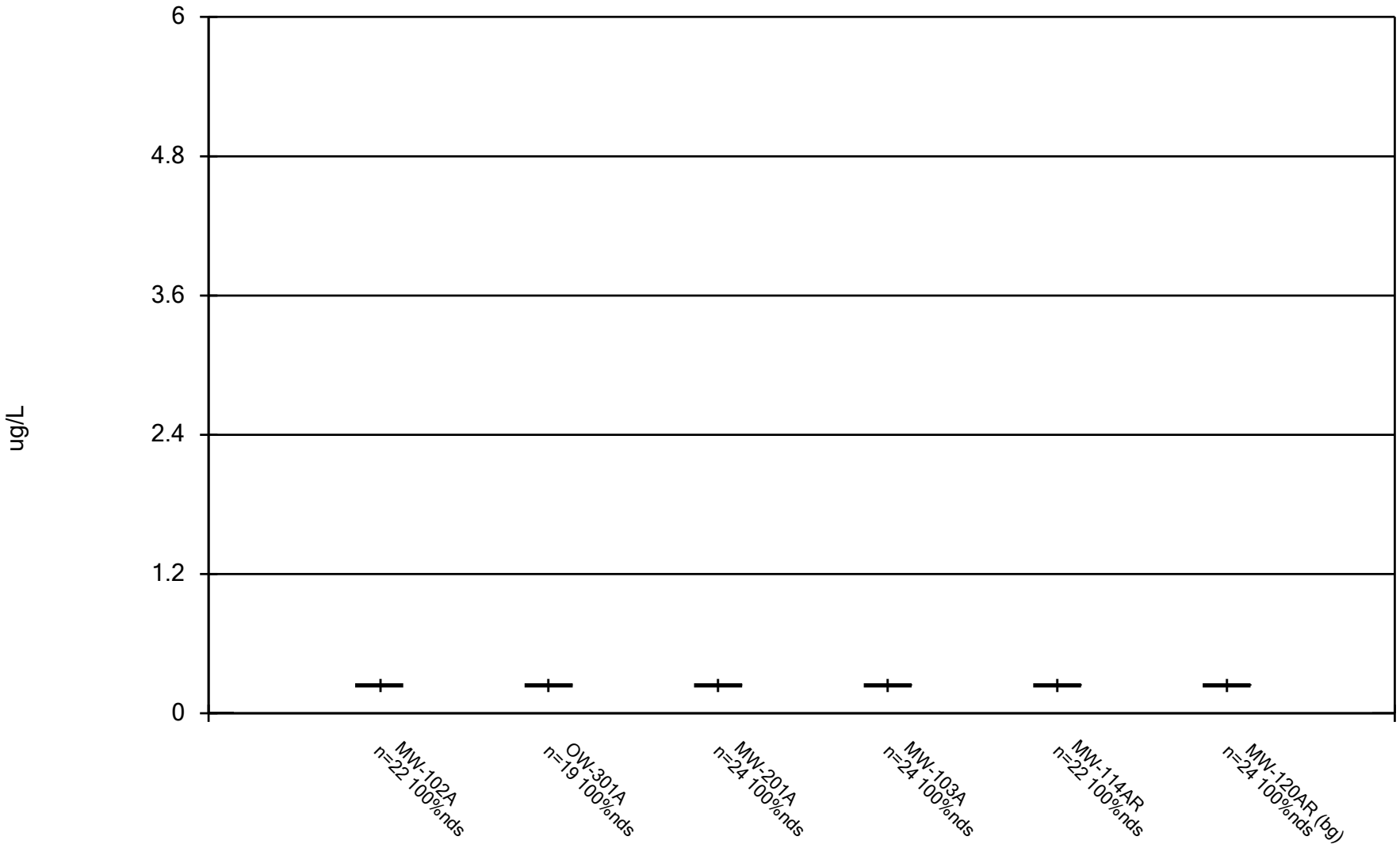
Box & Whiskers Plot



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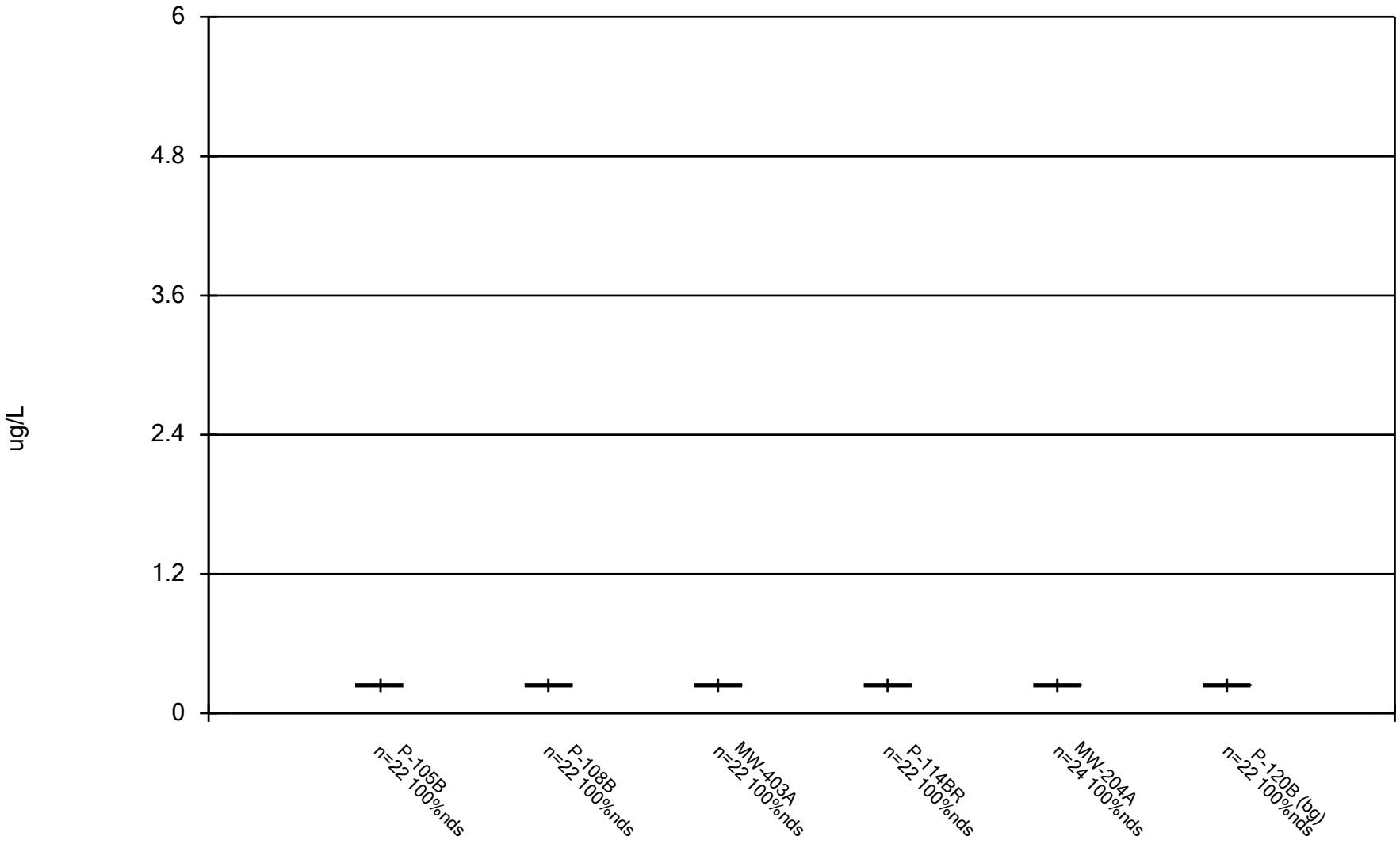
Box & Whiskers Plot



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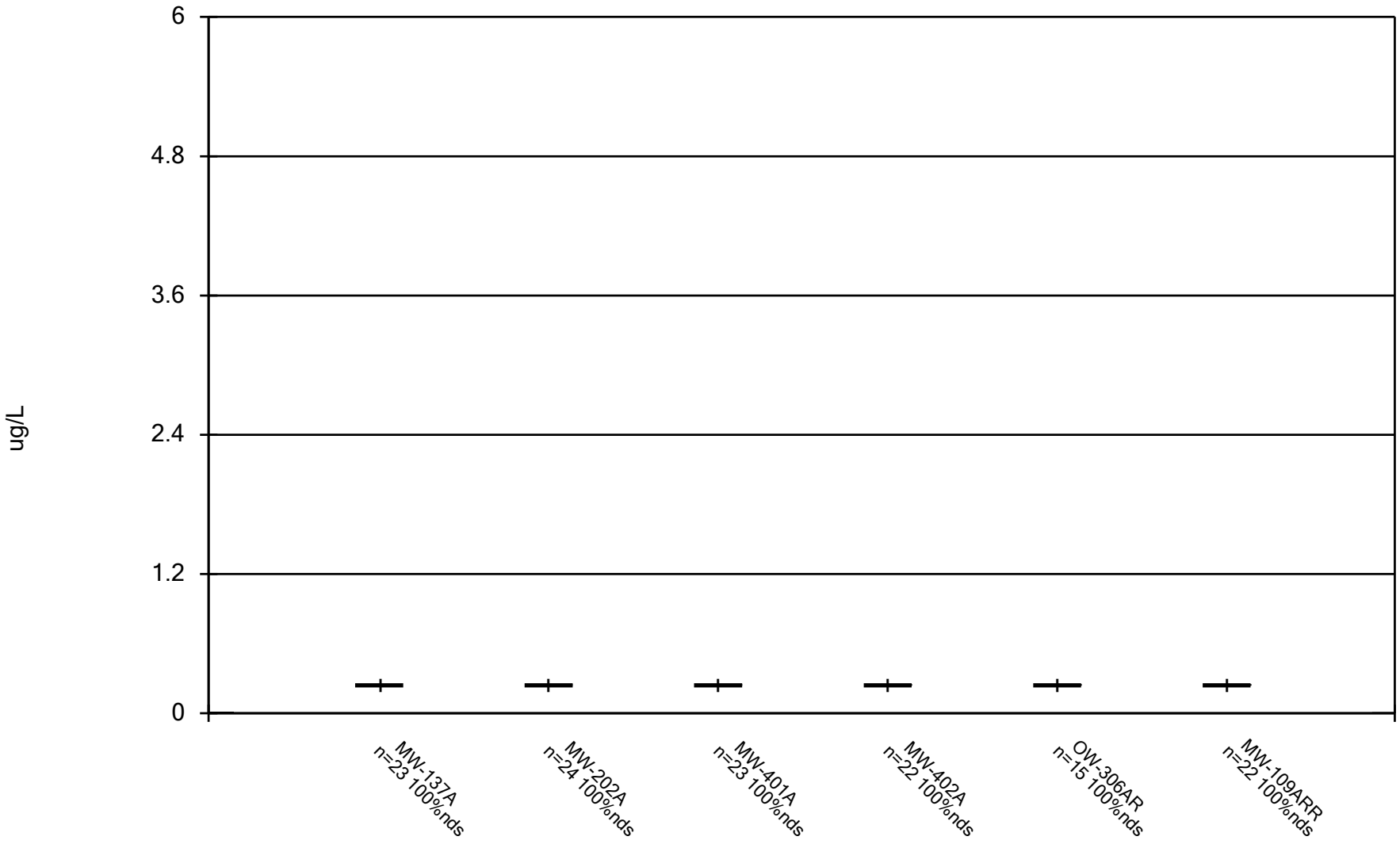
Box & Whiskers Plot



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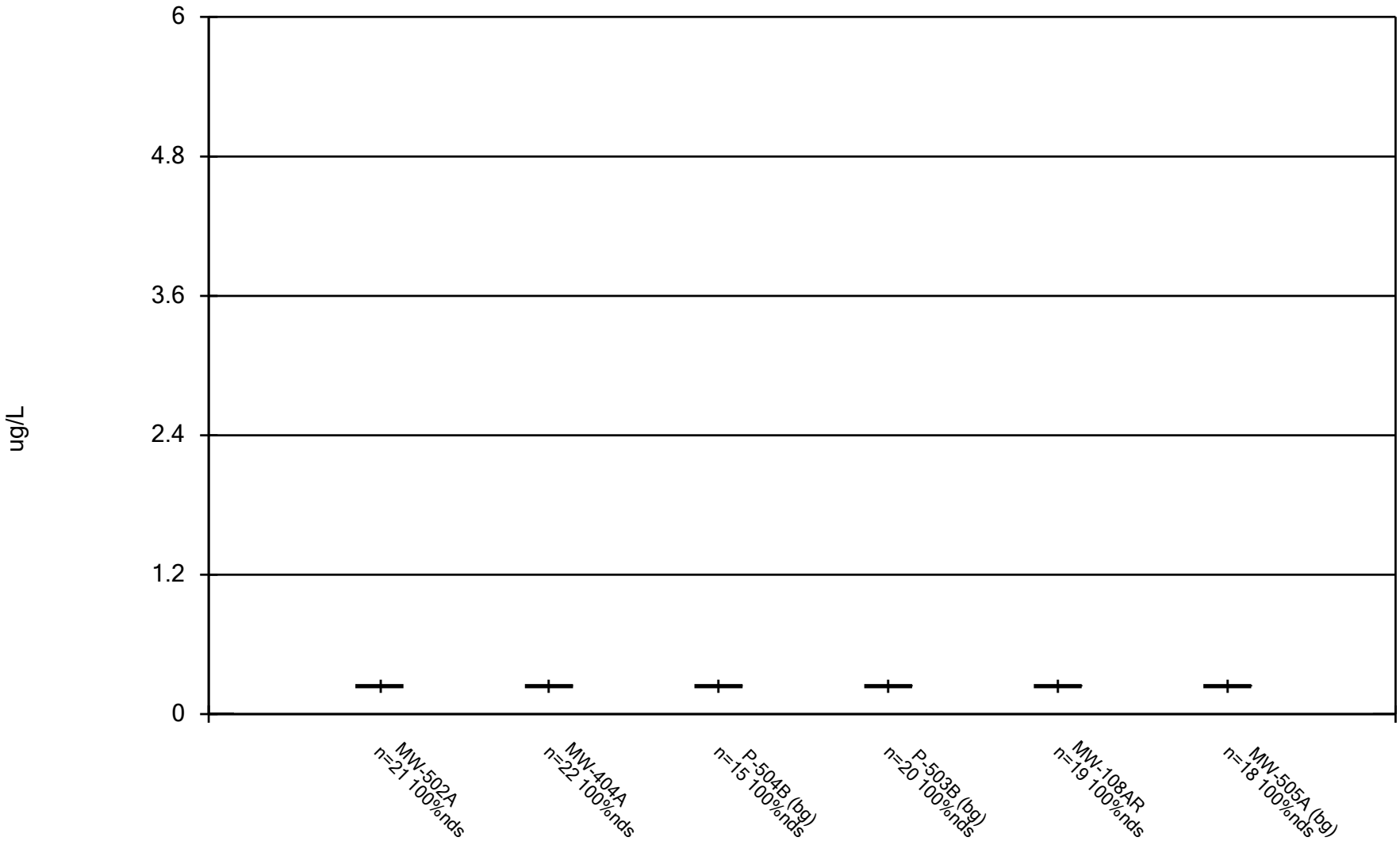

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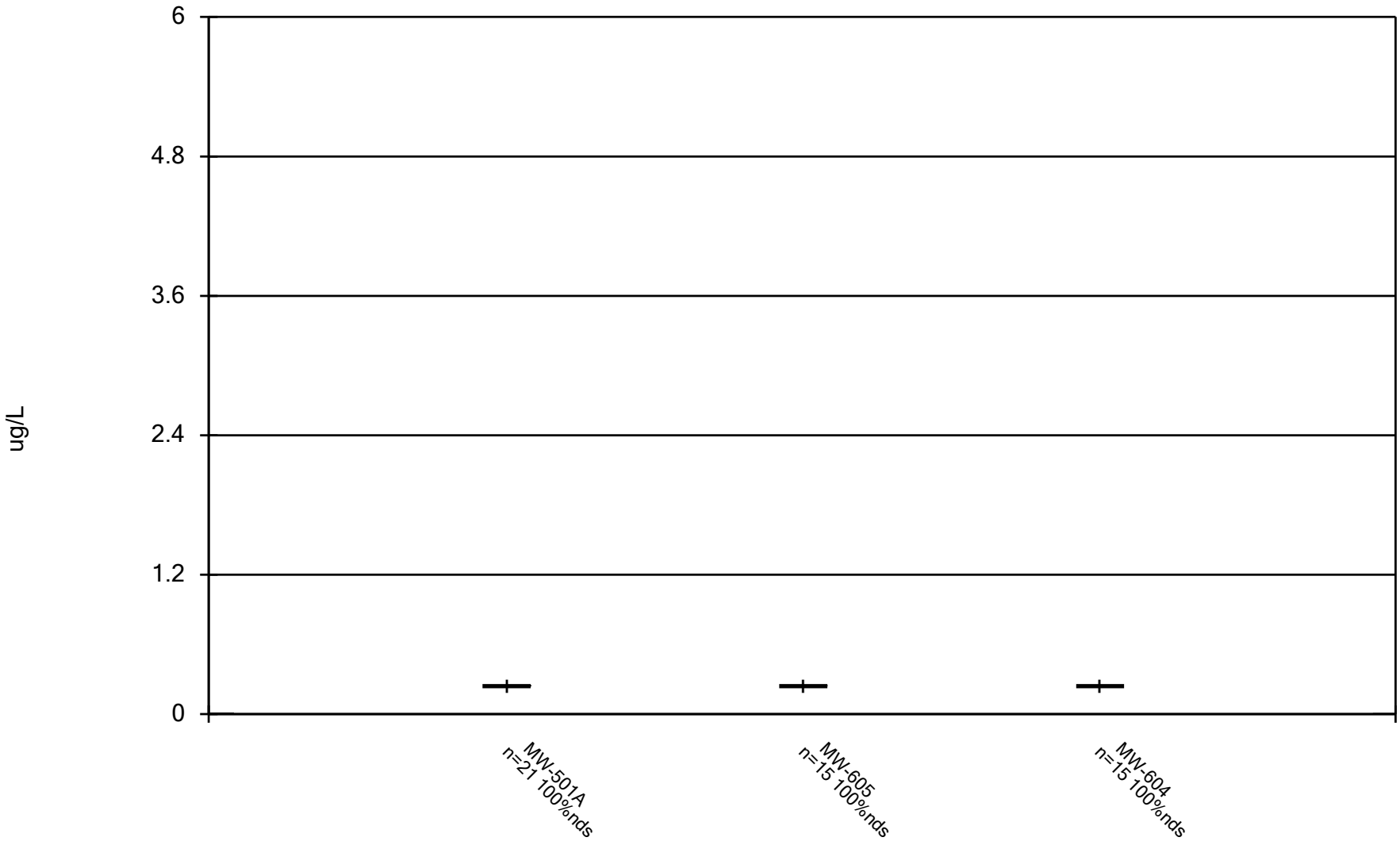

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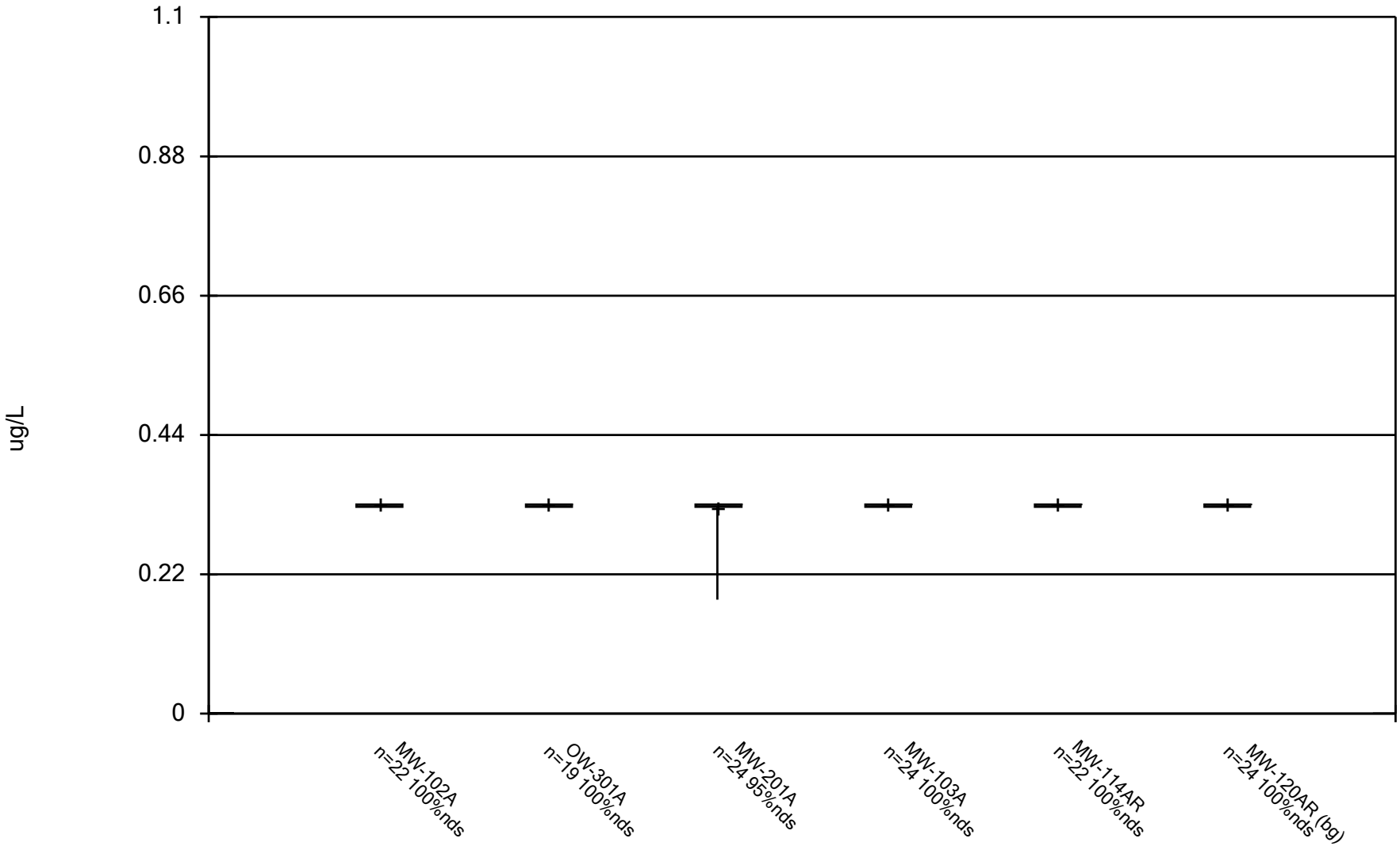
Box & Whiskers Plot



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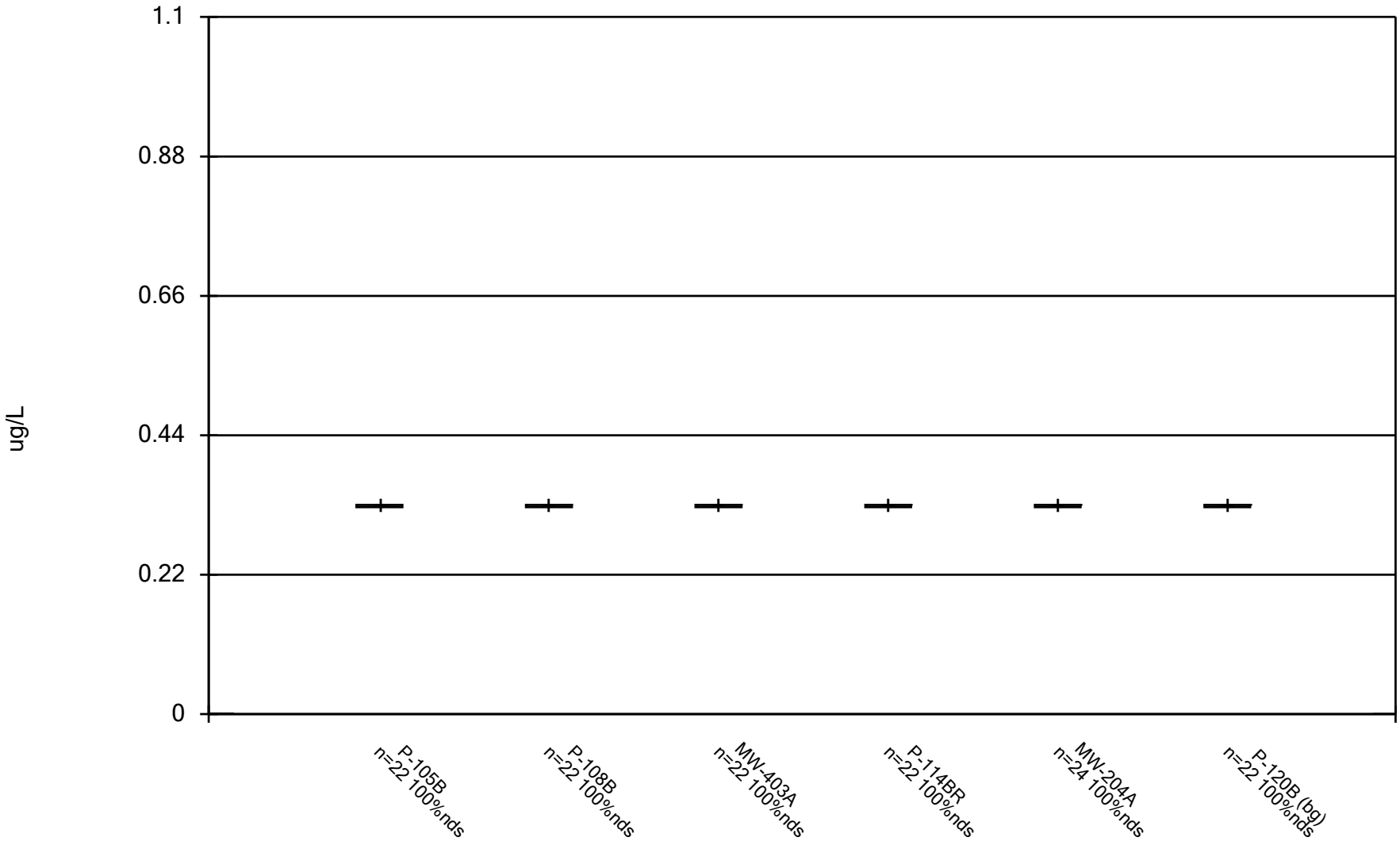
Box & Whiskers Plot



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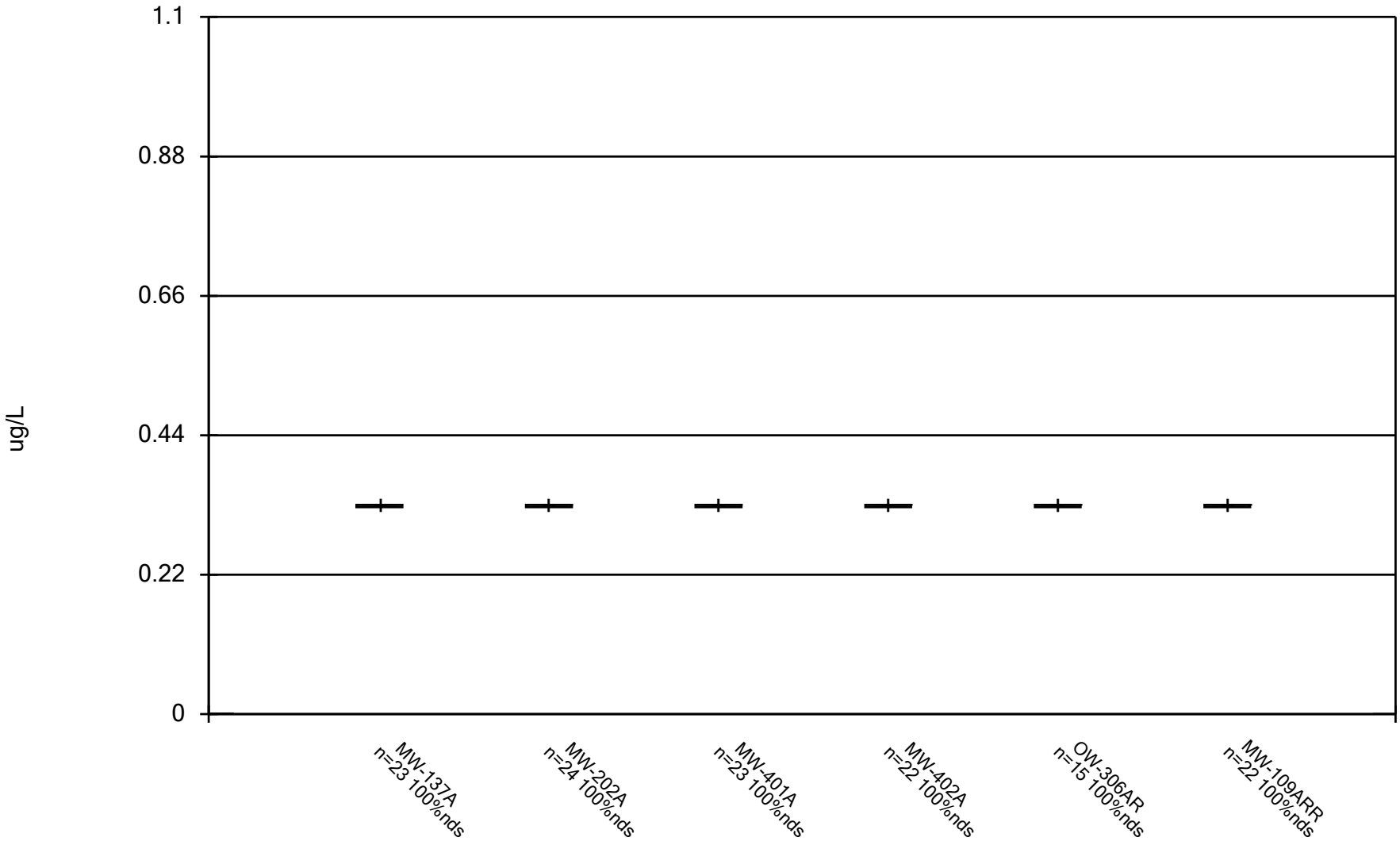
Box & Whiskers Plot



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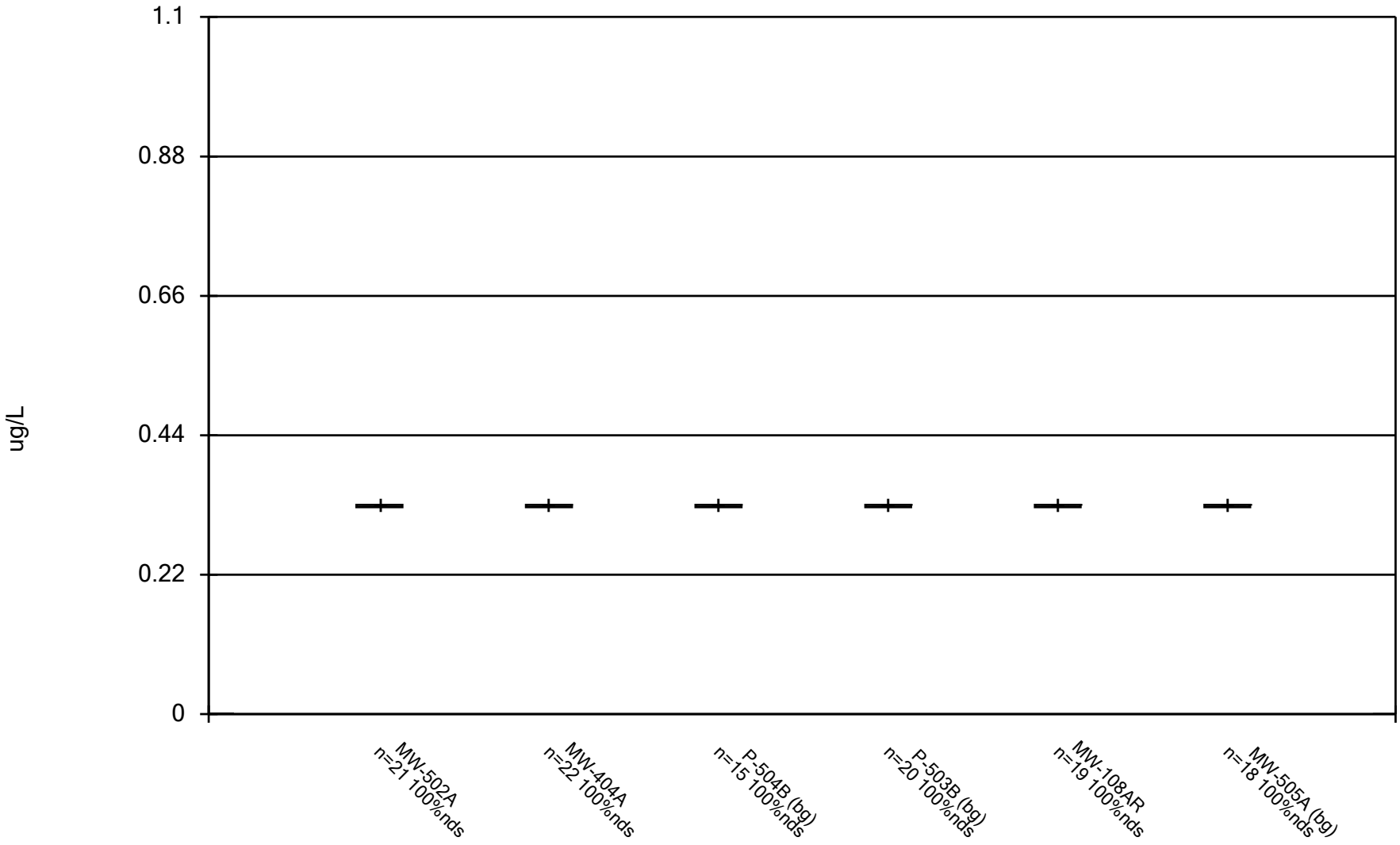
Box & Whiskers Plot



Constituent: Dibromomethane Analysis Run 6/12/2025 2:18 PM View: All Wells - Appendix I VOCs DMASWA Data: DMASWA Database_Updated

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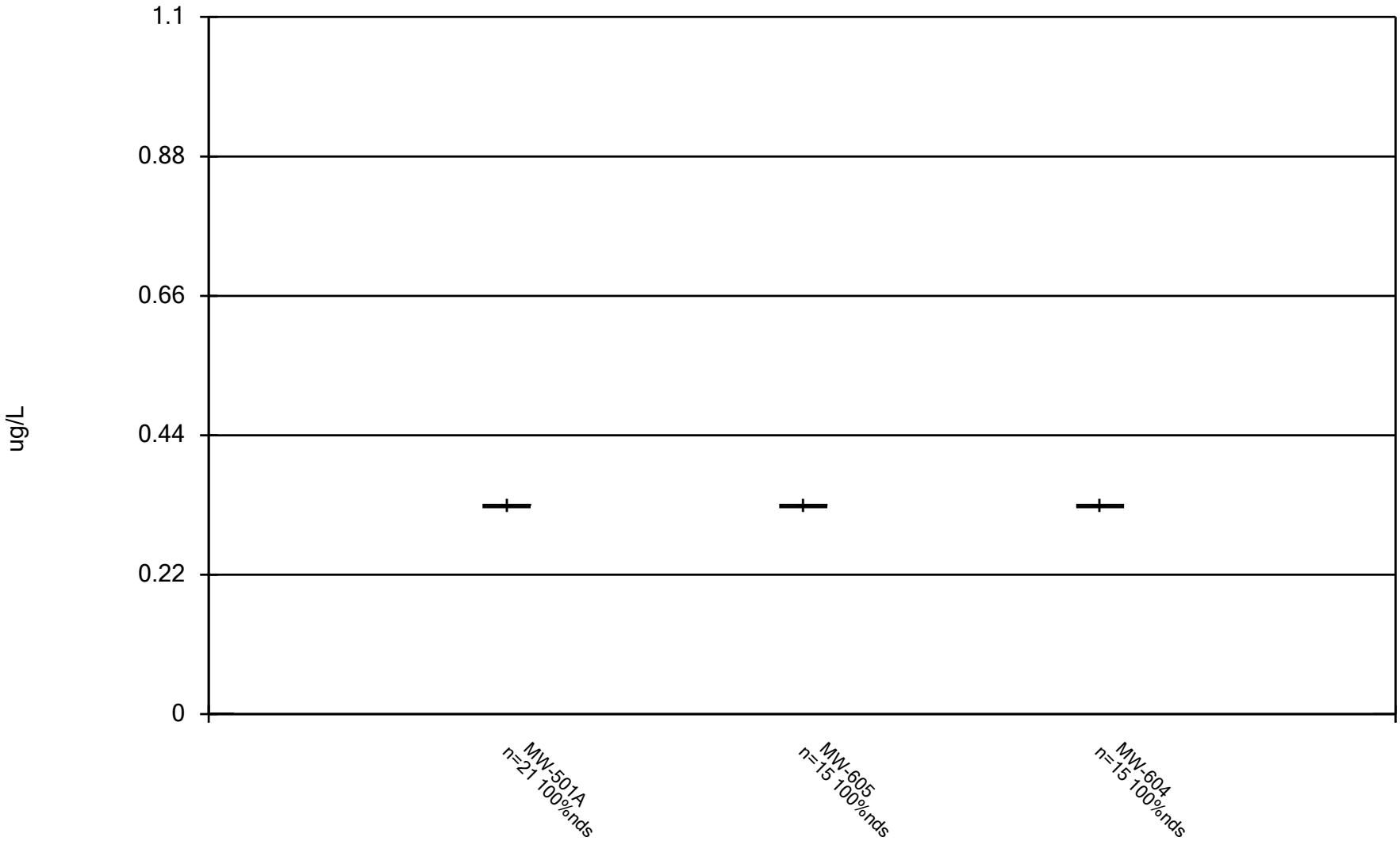
Box & Whiskers Plot



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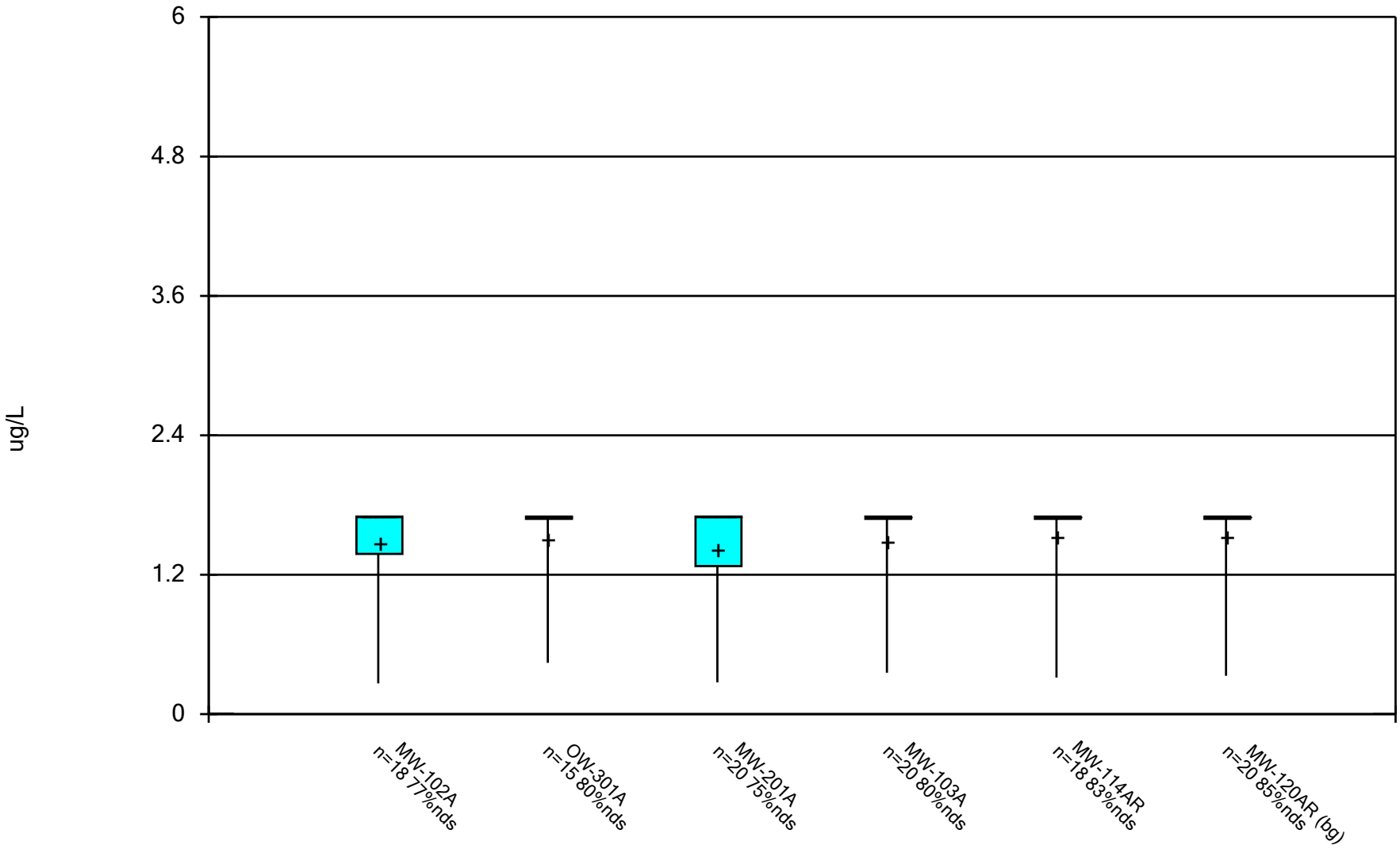
Box & Whiskers Plot



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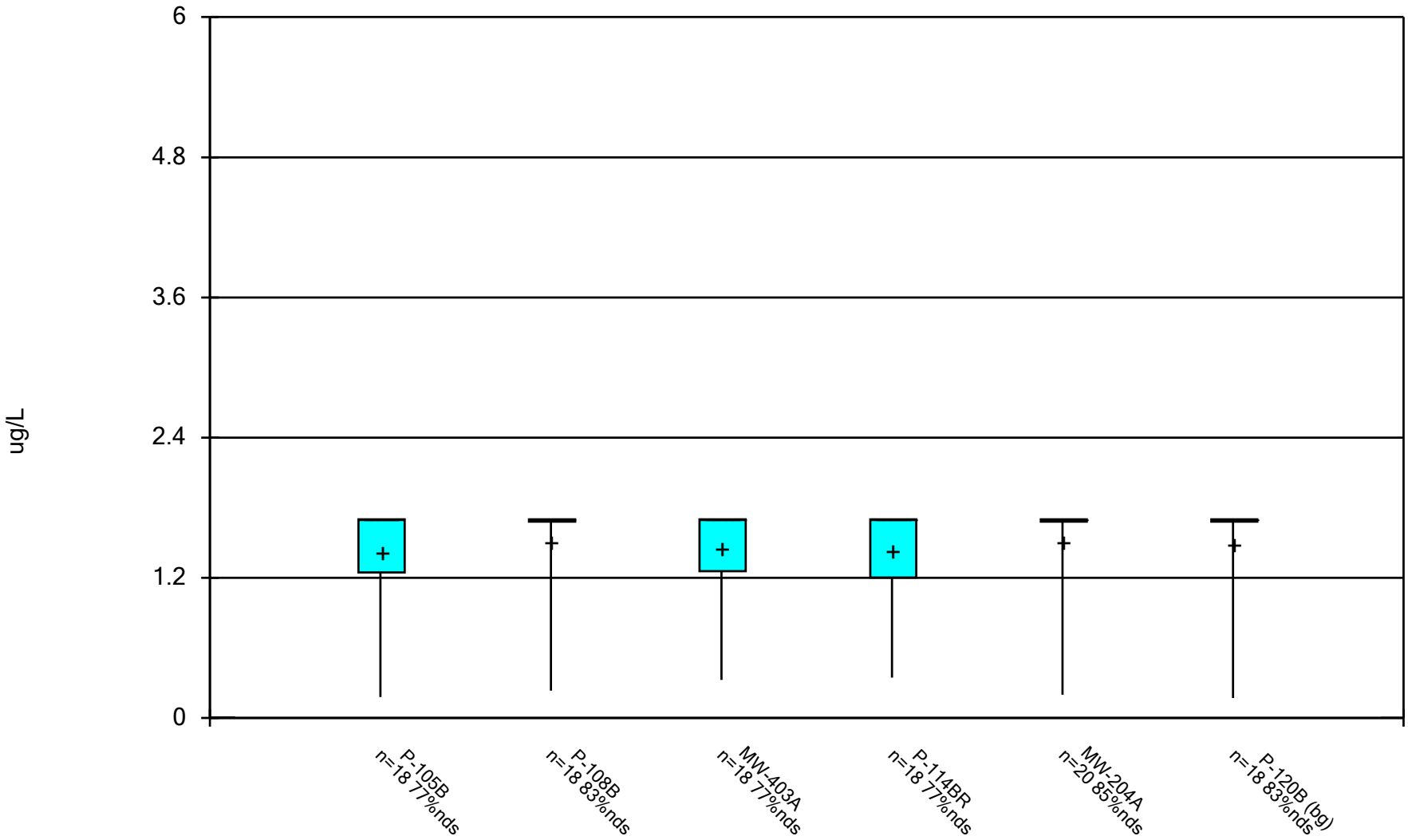
Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG

Box & Whiskers Plot



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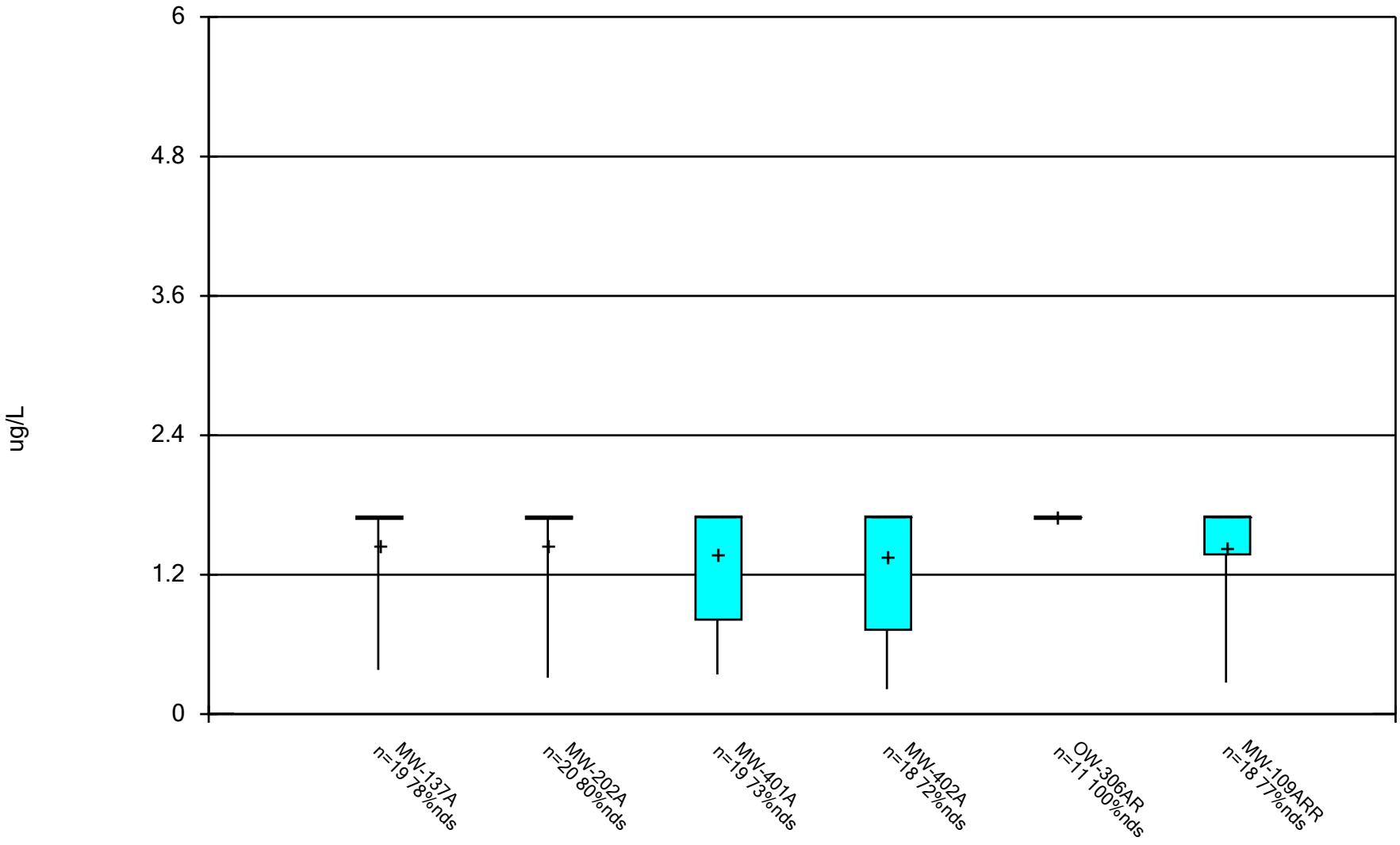
Box & Whiskers Plot



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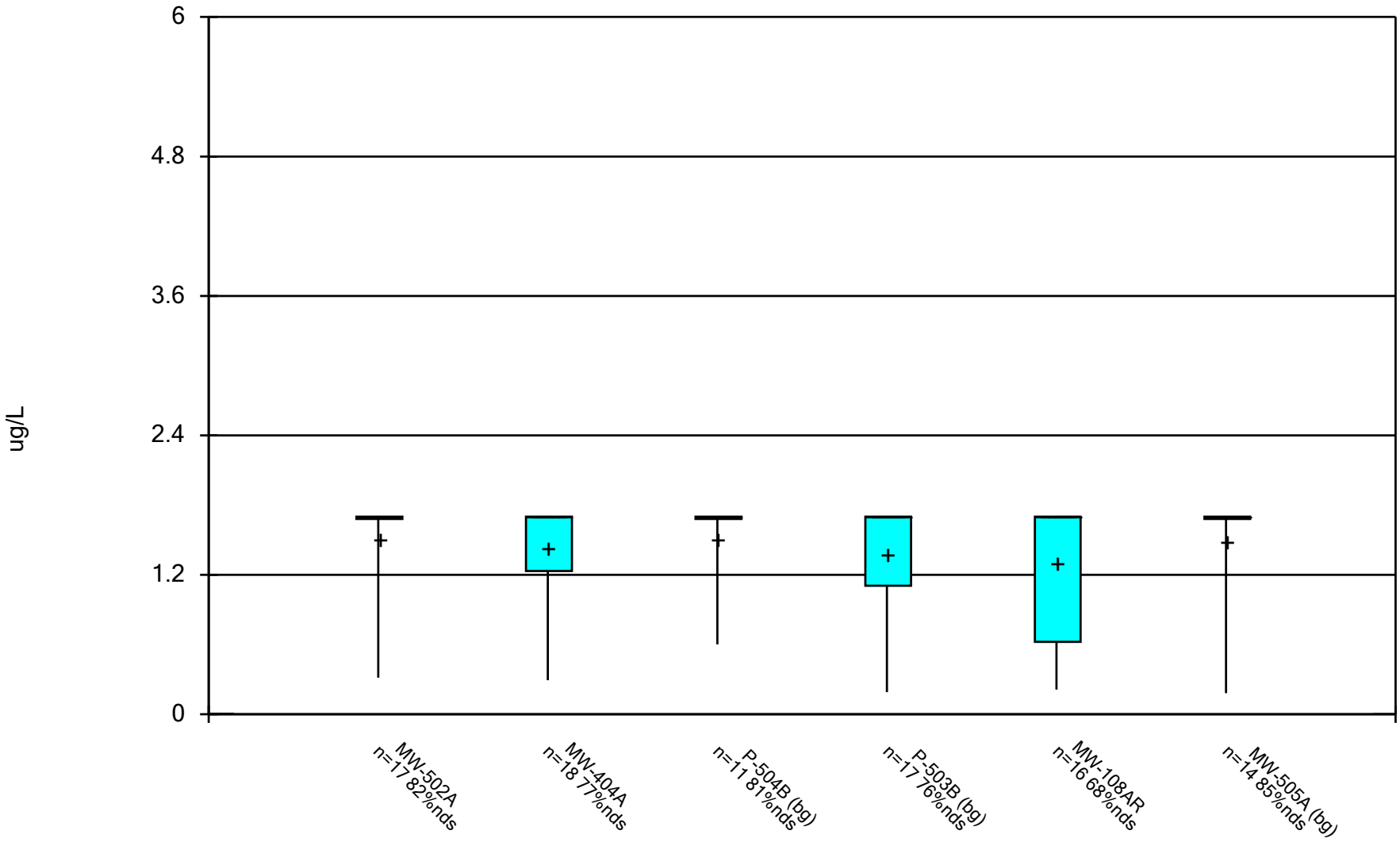
Box & Whiskers Plot



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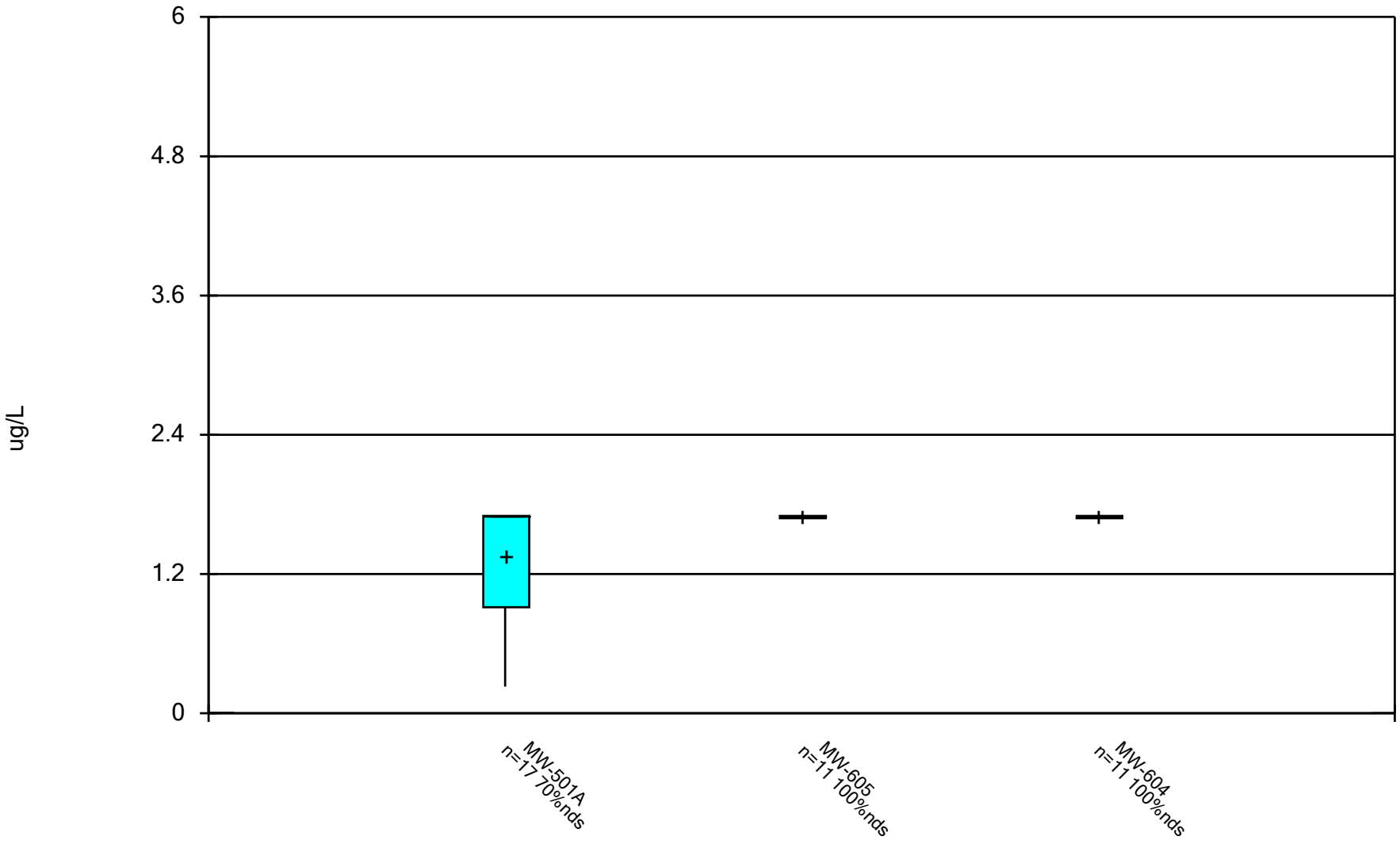
Box & Whiskers Plot



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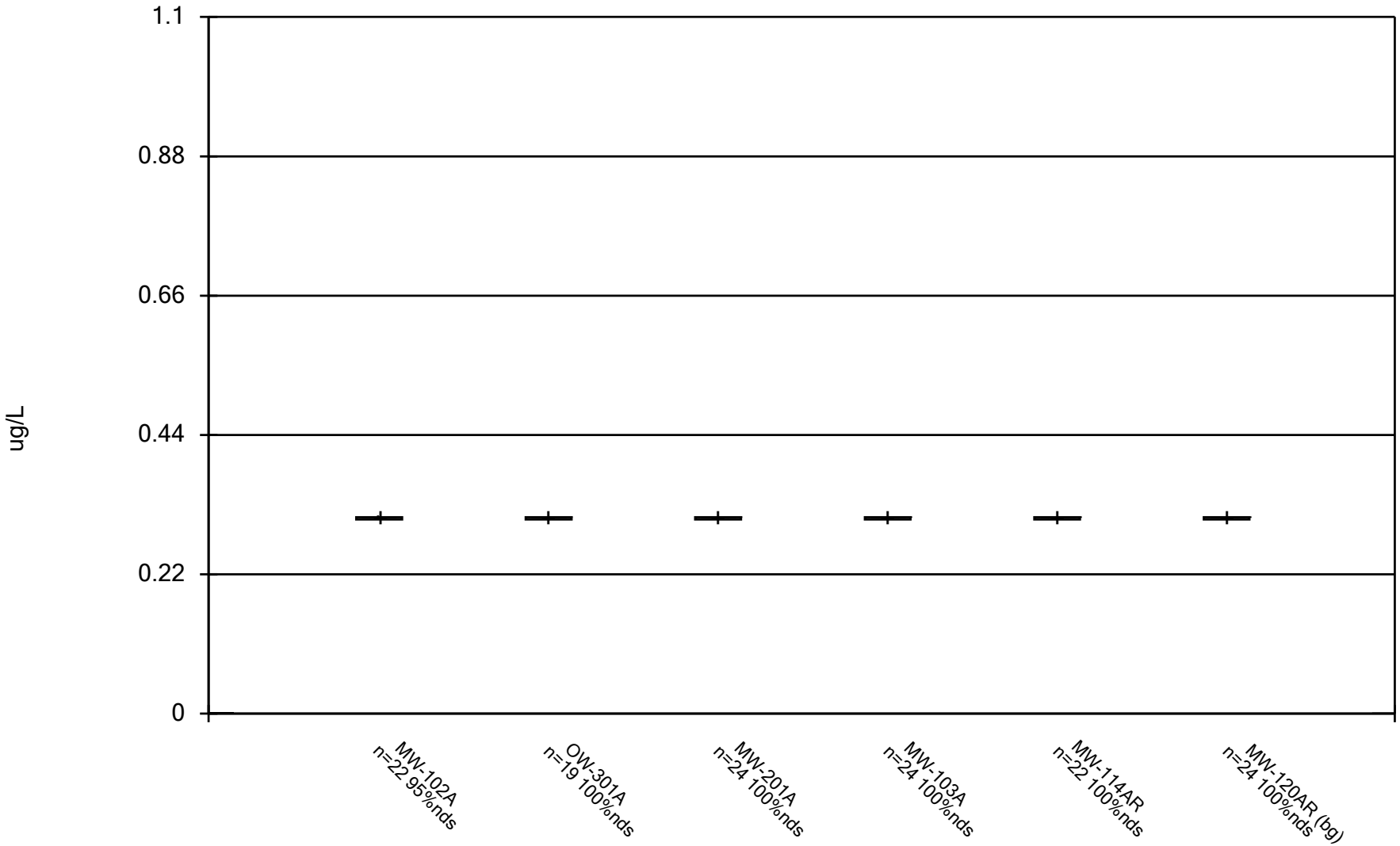
Box & Whiskers Plot



Constituent: Ethylbenzene Analysis Run 6/12/2025 2:18 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

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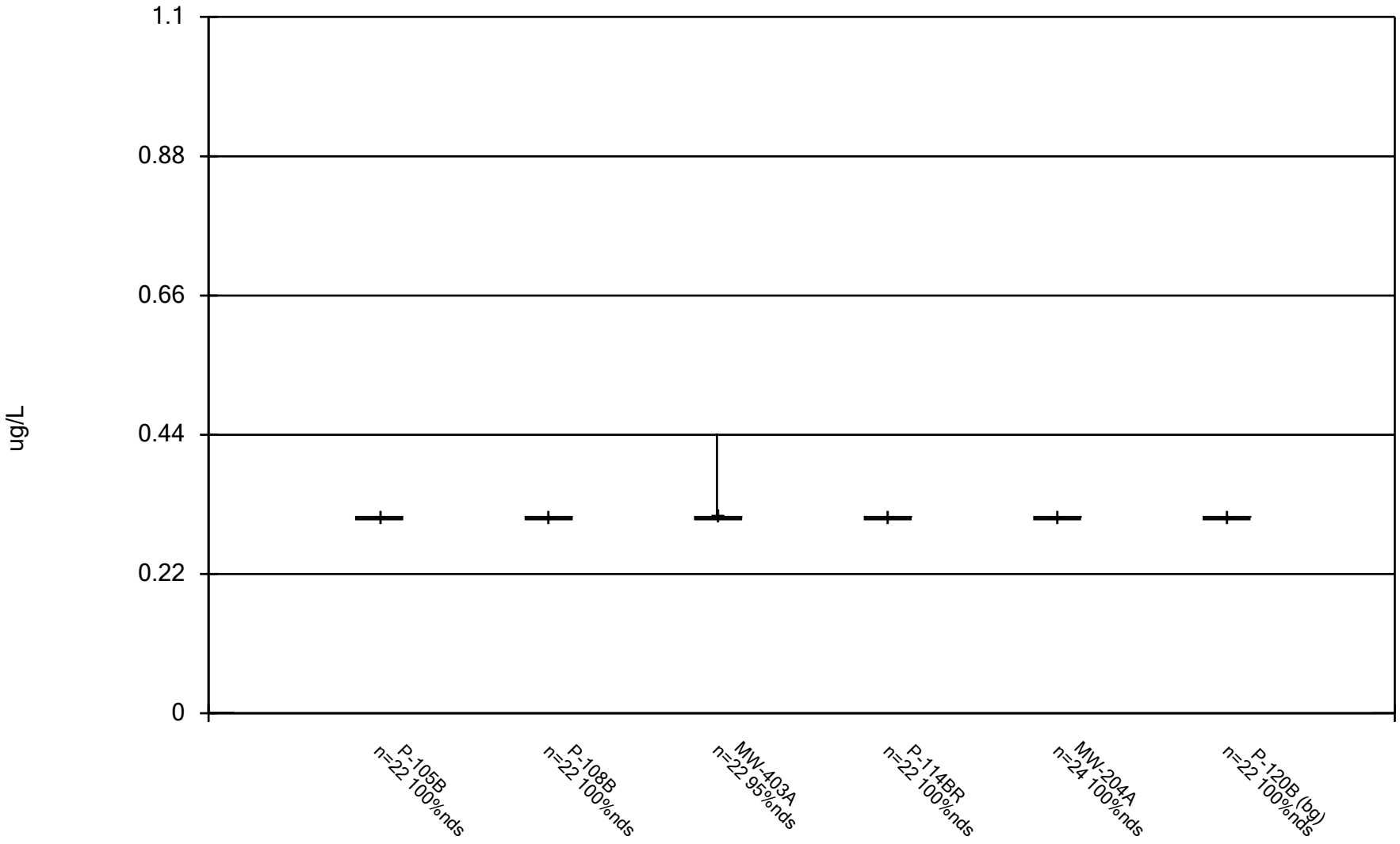
Box & Whiskers Plot



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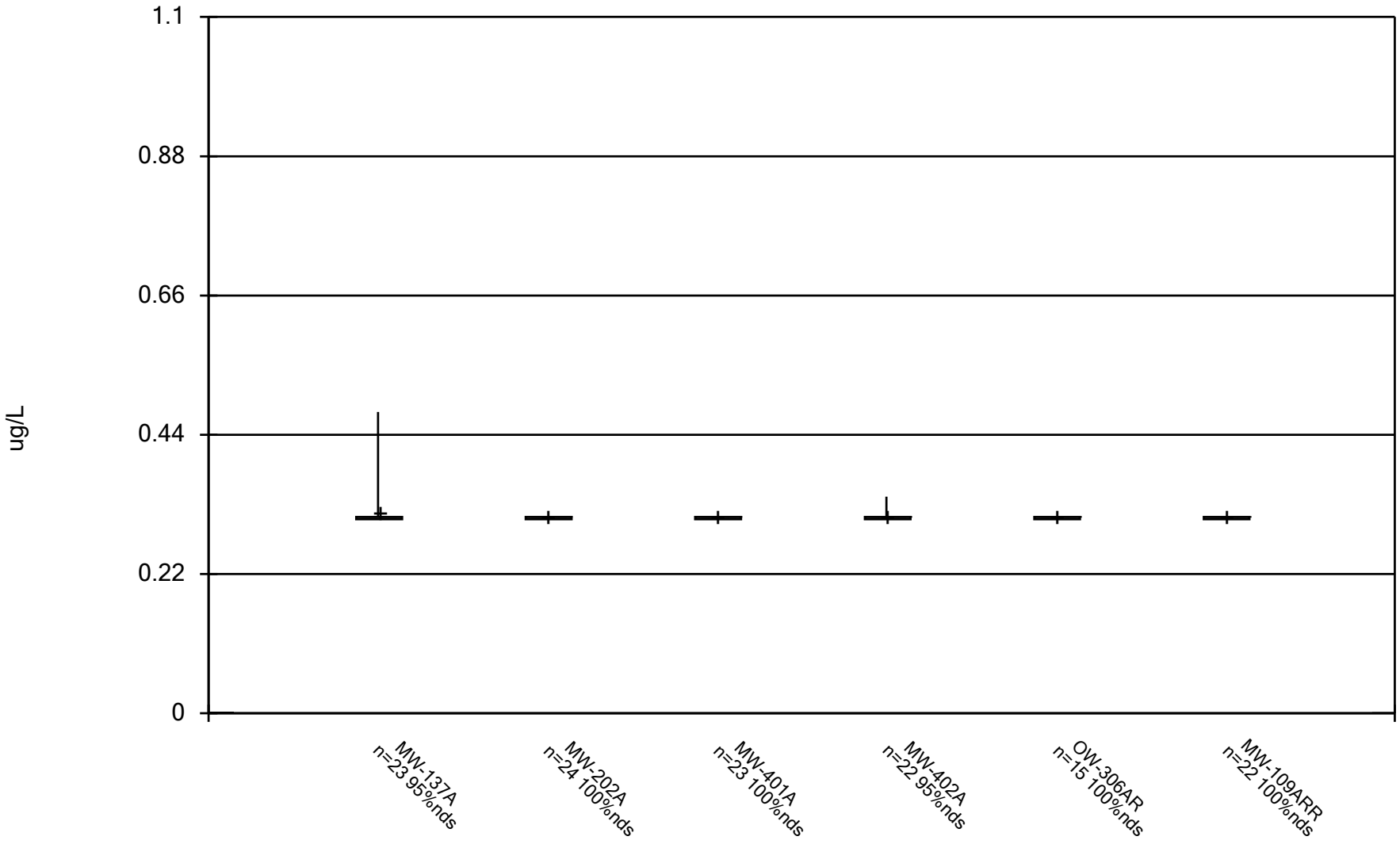
Box & Whiskers Plot



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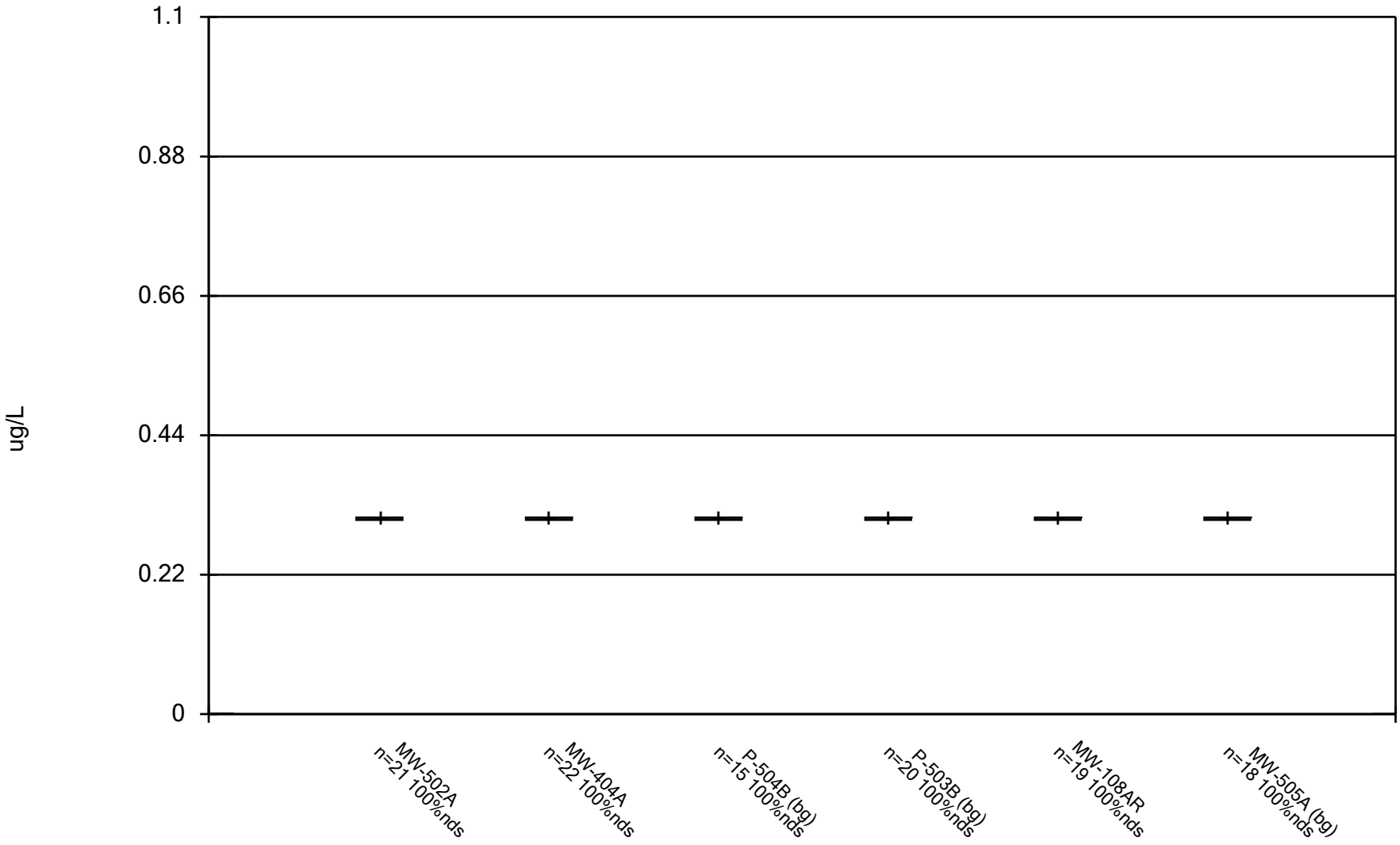

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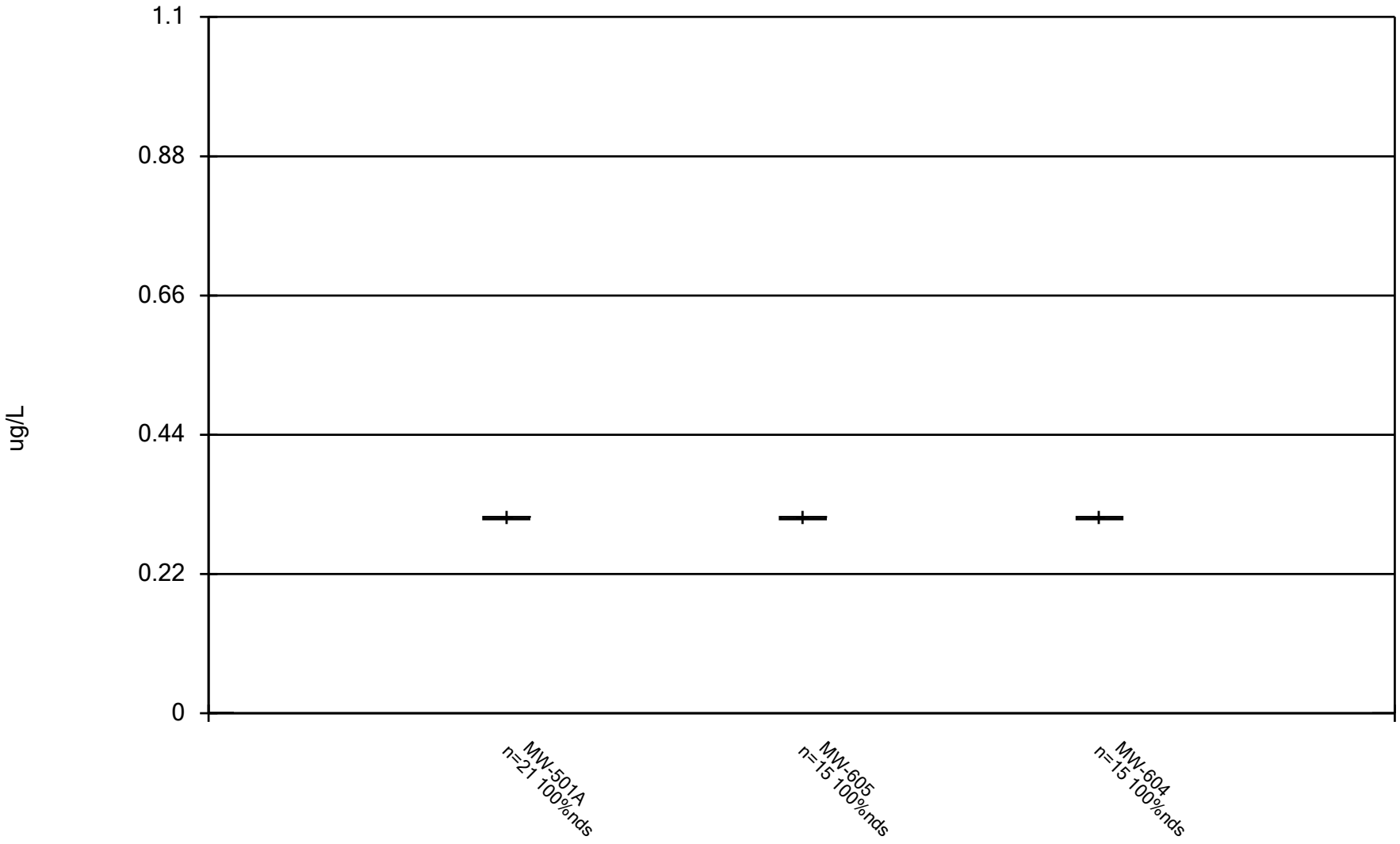

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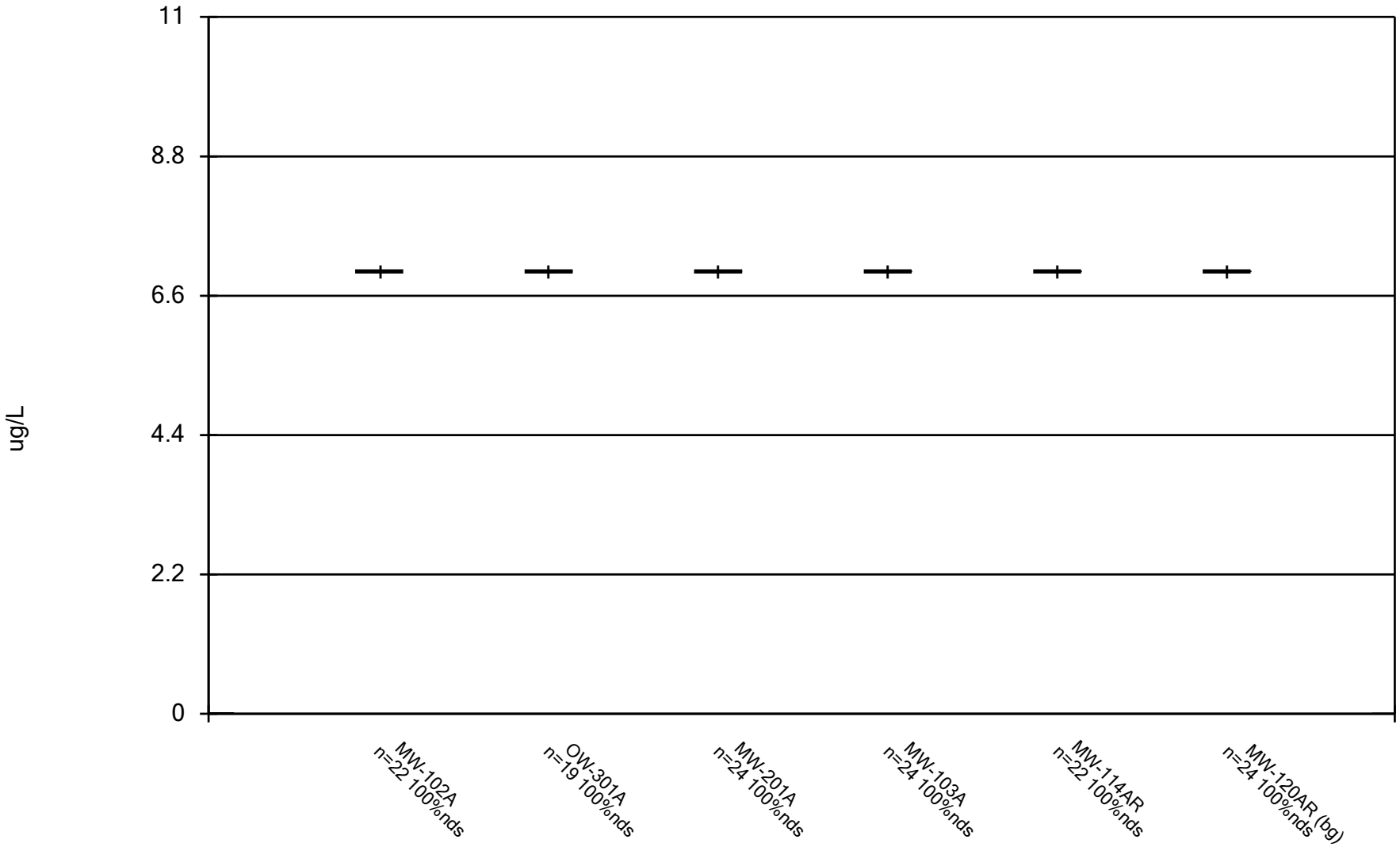
Box & Whiskers Plot



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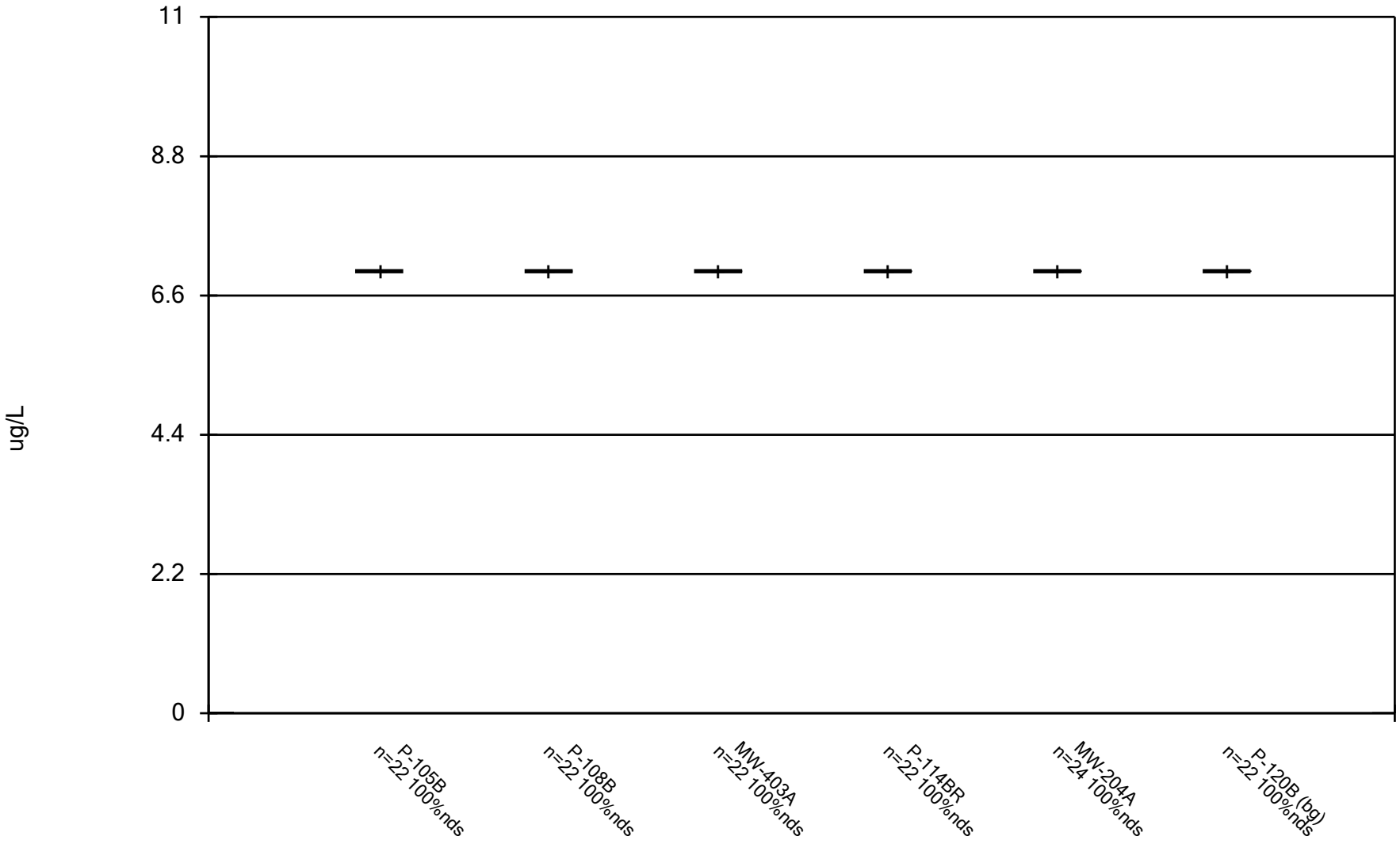
Box & Whiskers Plot



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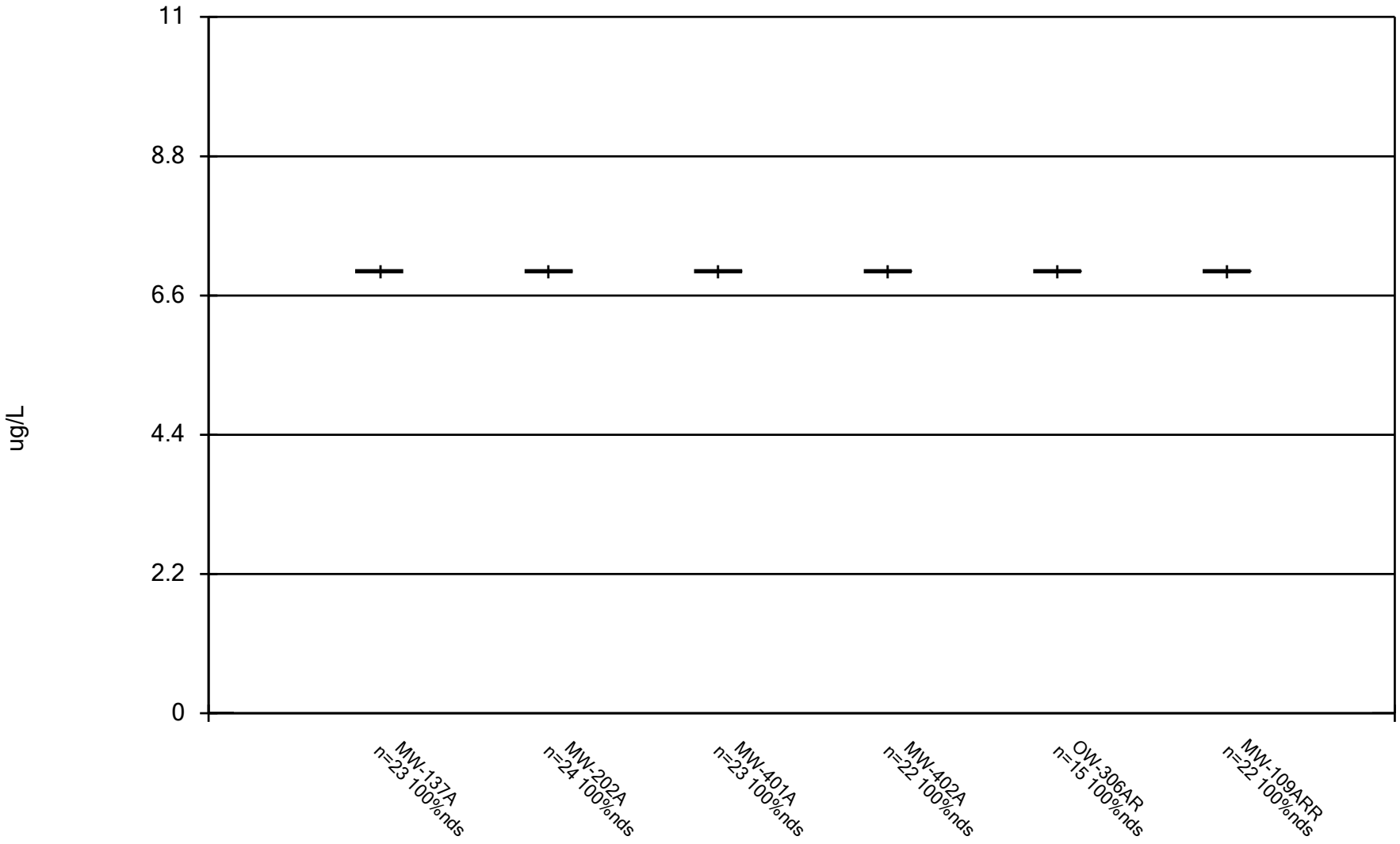
Box & Whiskers Plot



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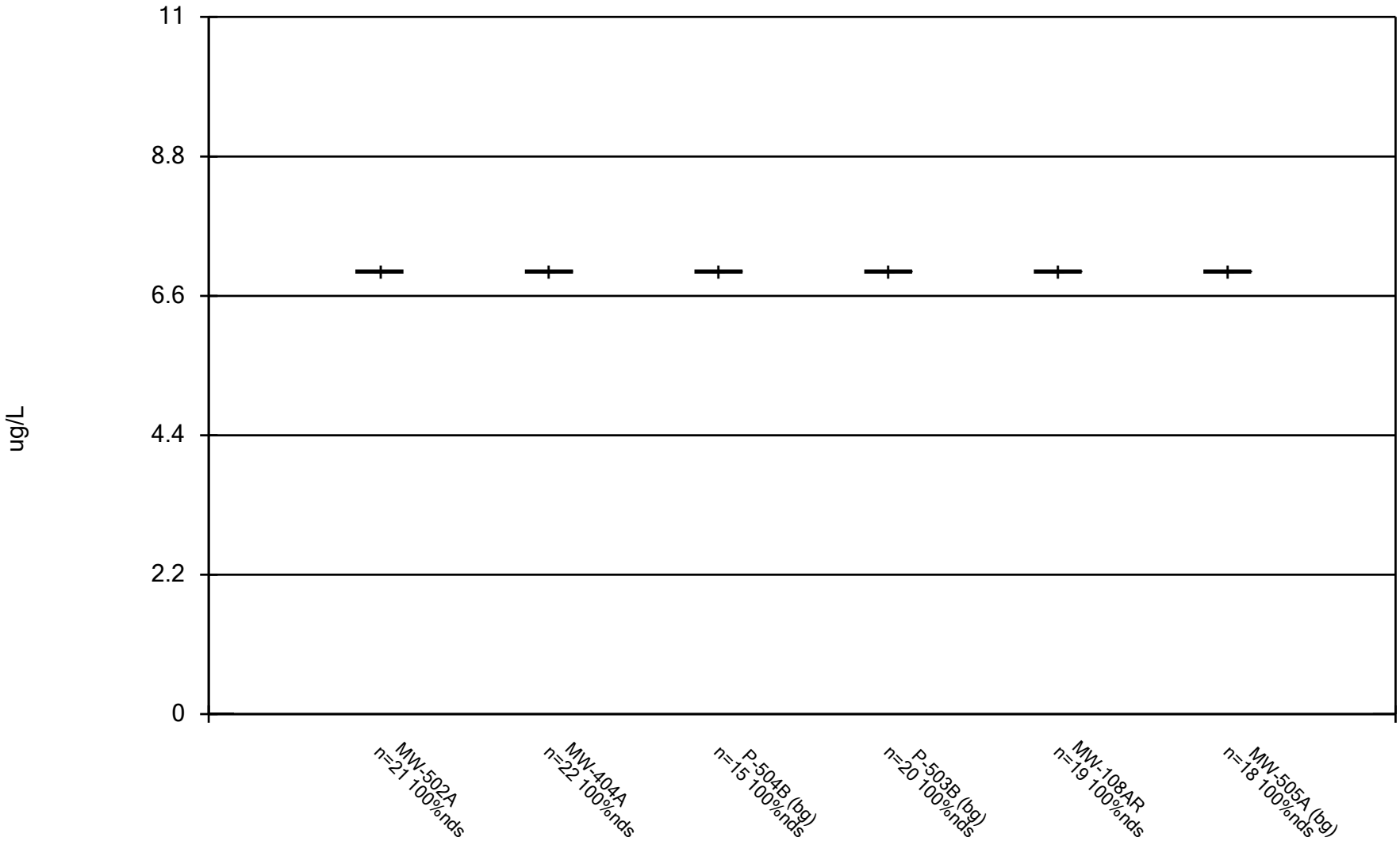
Box & Whiskers Plot



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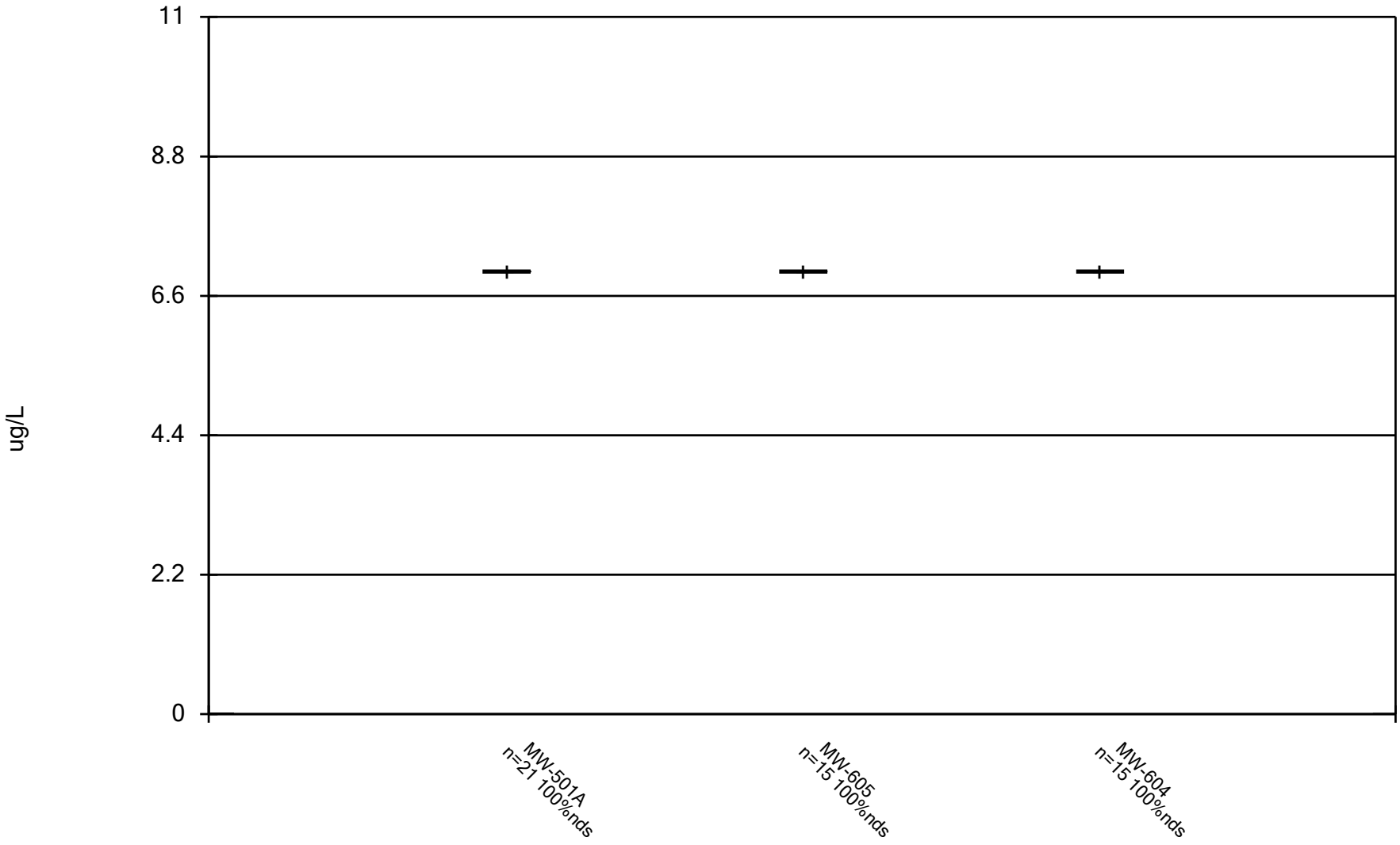

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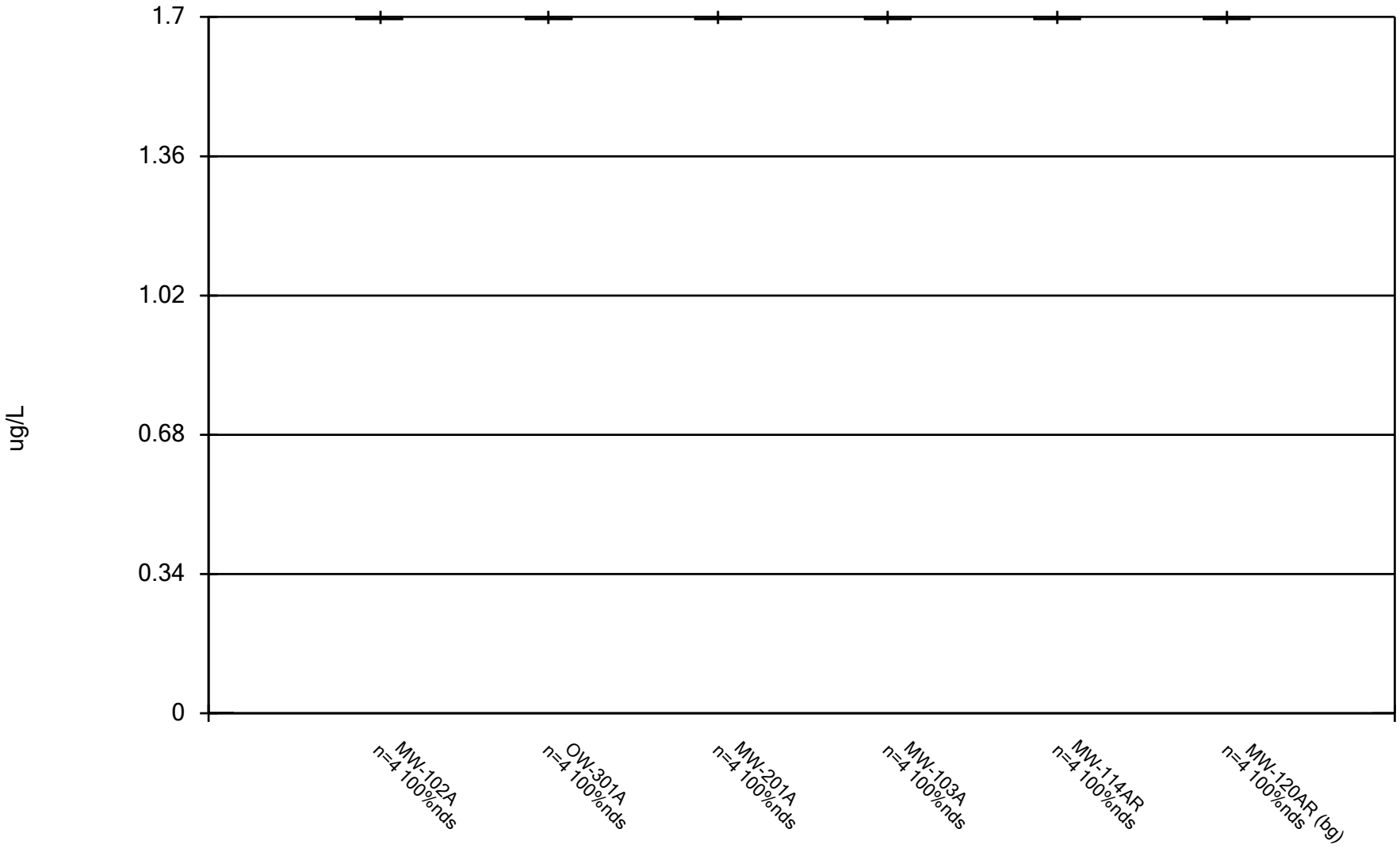
Box & Whiskers Plot



Constituent: Methylene chloride Analysis Run 6/12/2025 2:18 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

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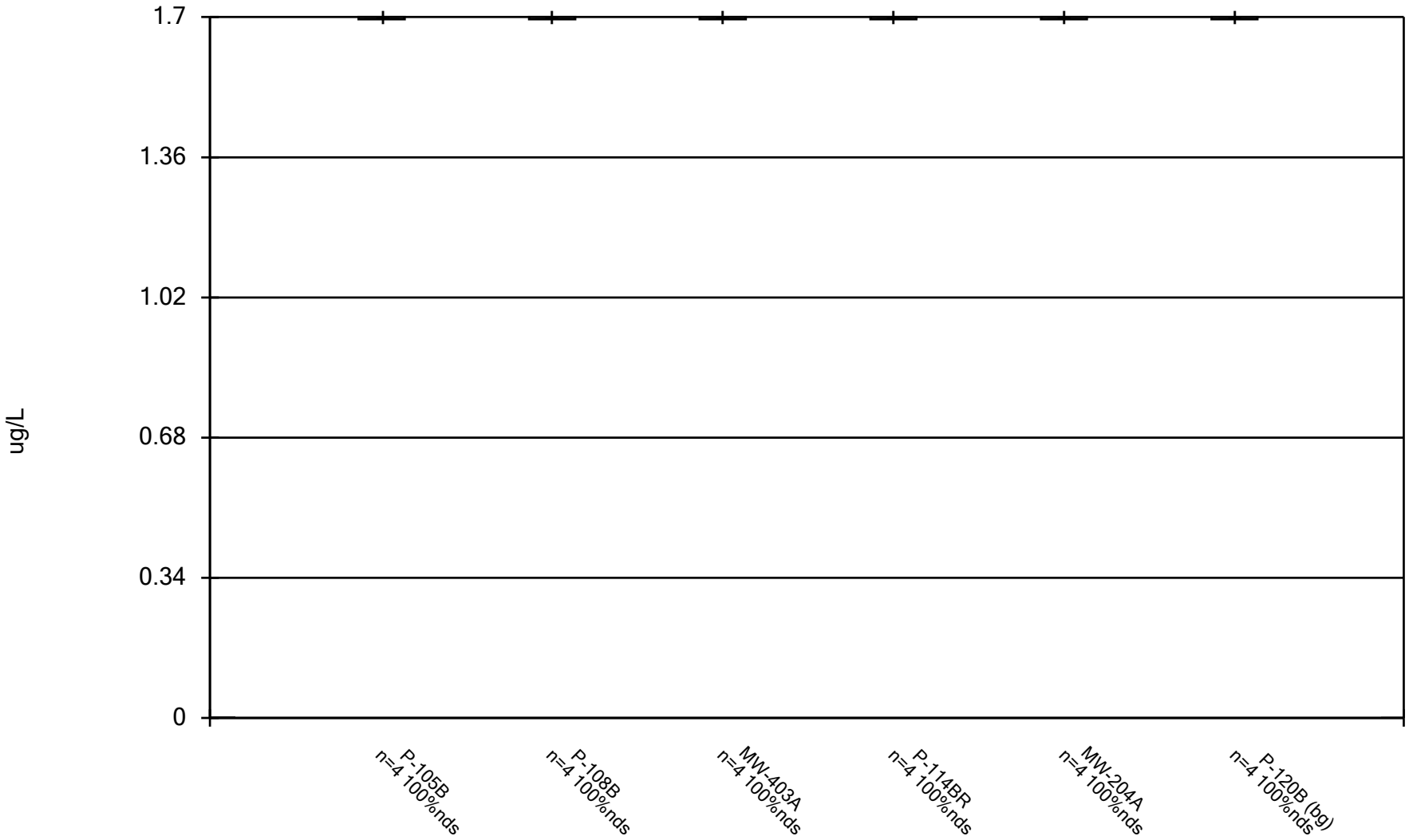
Box & Whiskers Plot



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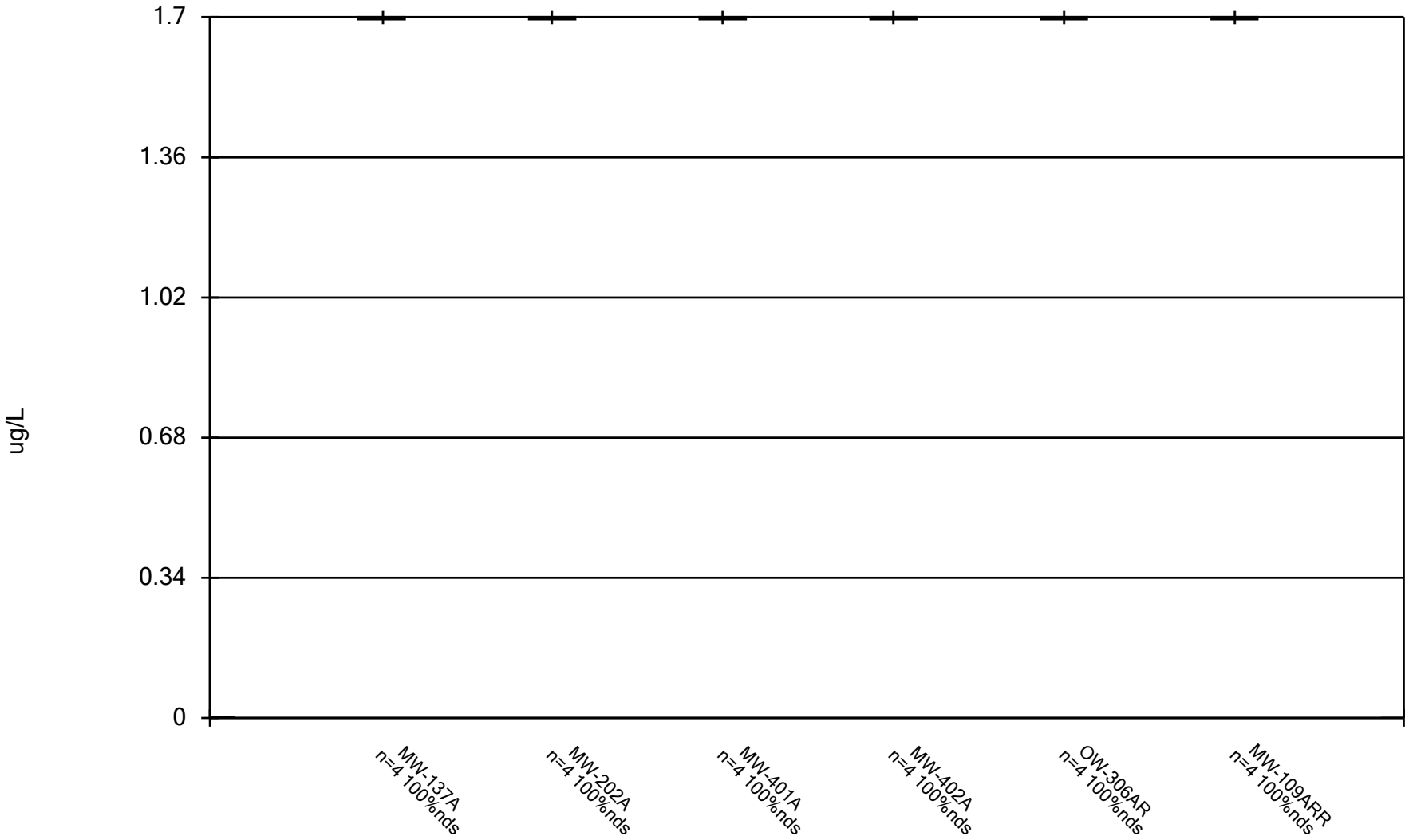
Box & Whiskers Plot



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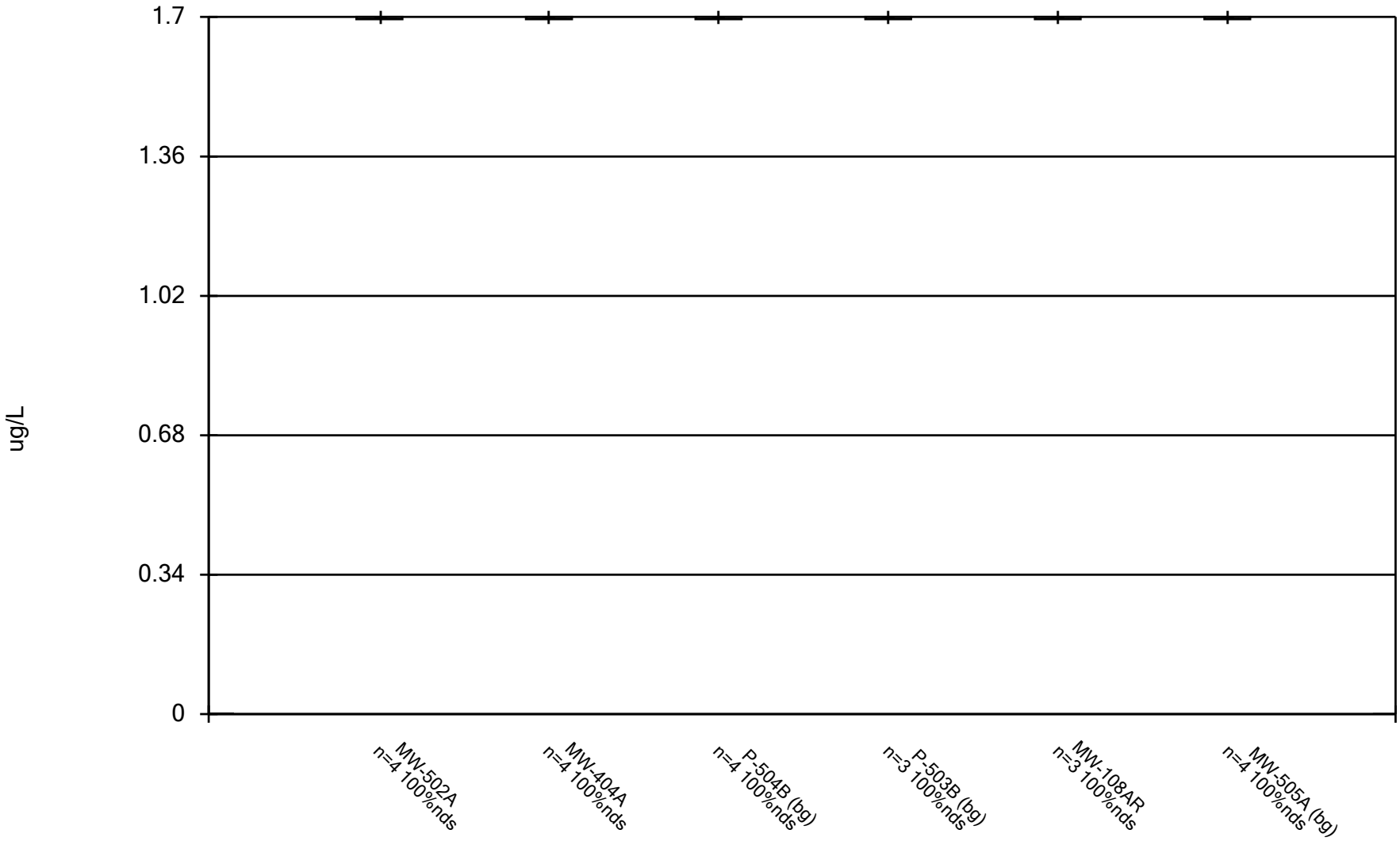

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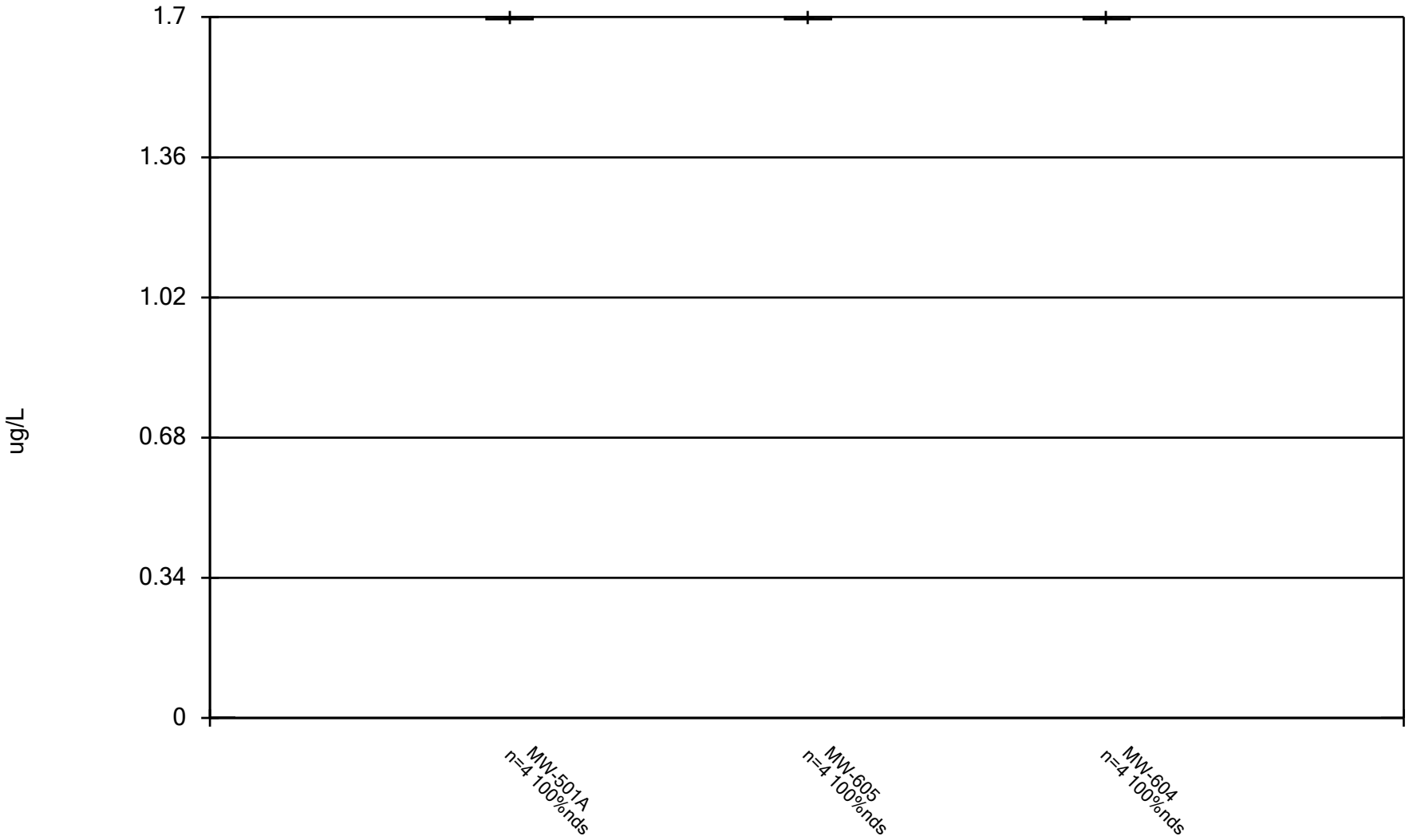
Box & Whiskers Plot



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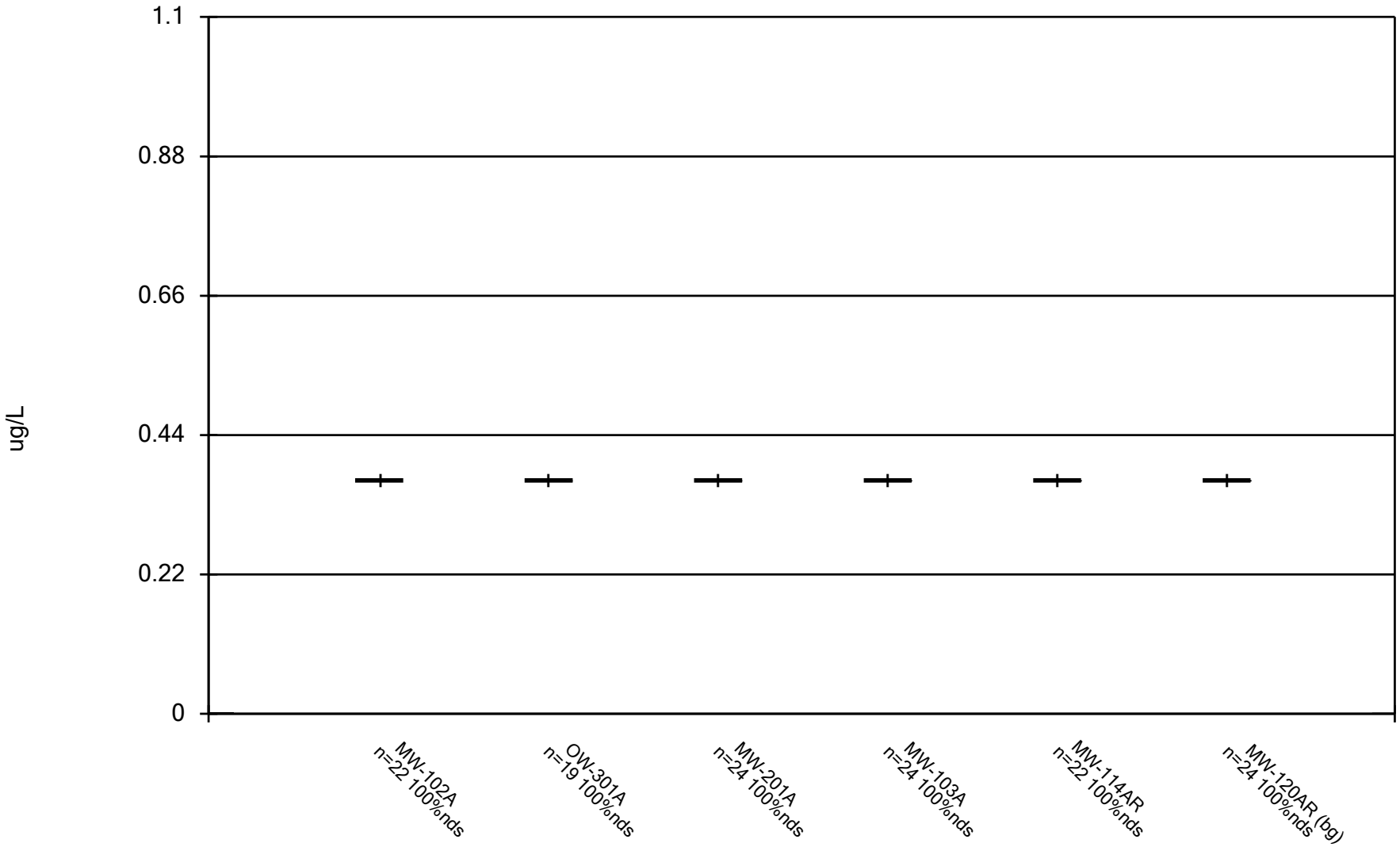
Box & Whiskers Plot



Constituent: Styrene Analysis Run 6/12/2025 2:18 PM View: All Wells - Appendix I VOCs
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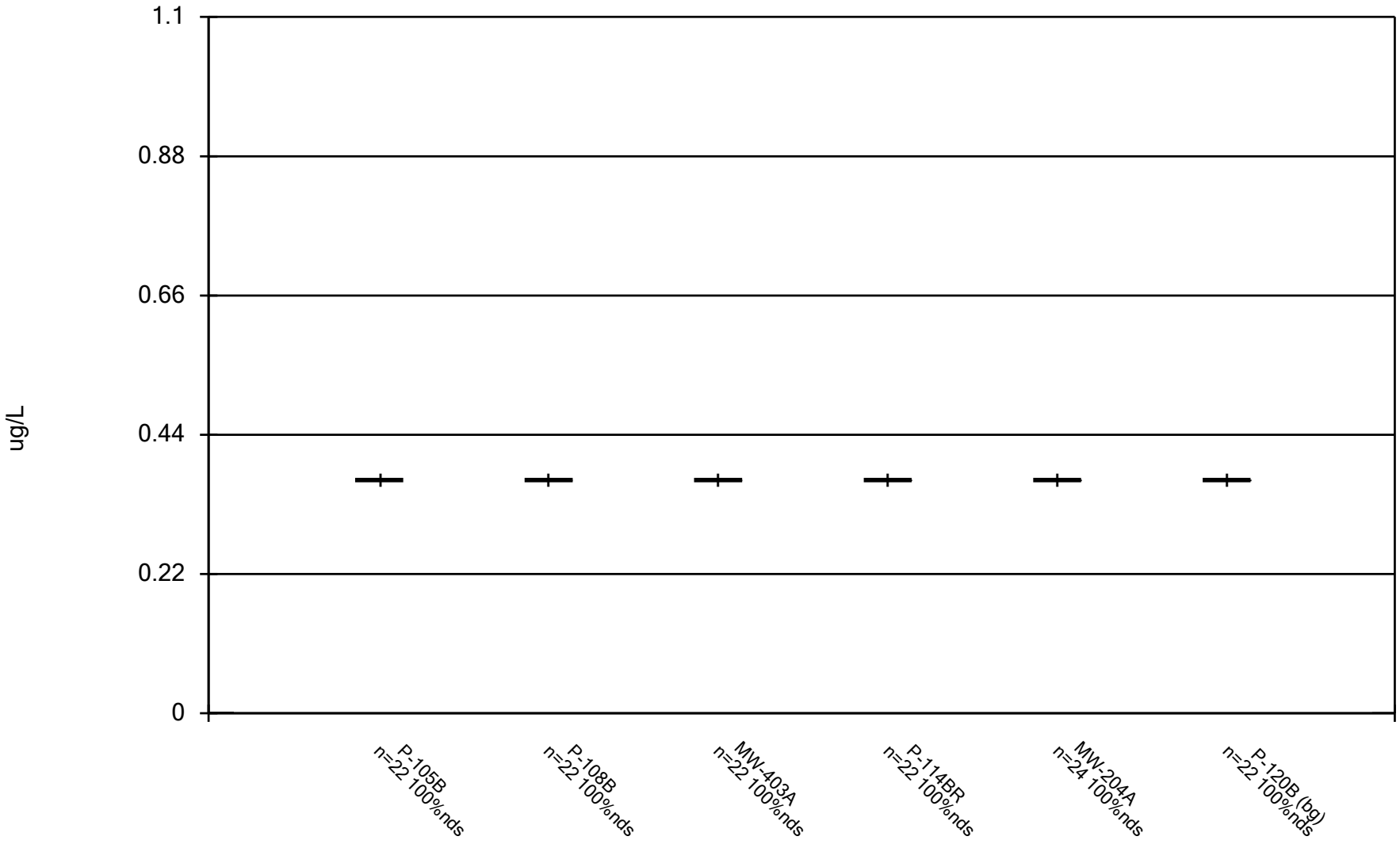
Box & Whiskers Plot



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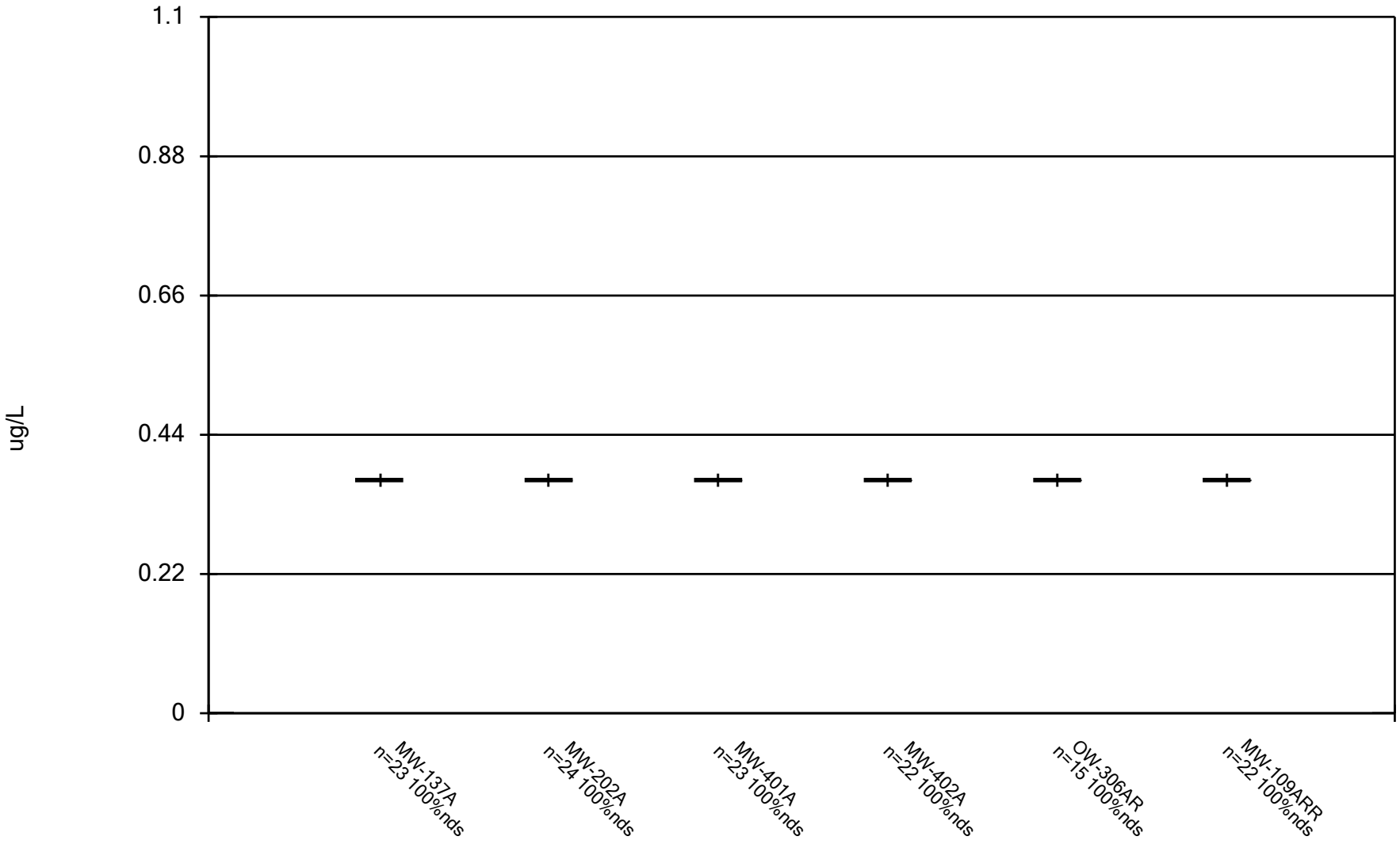
Box & Whiskers Plot



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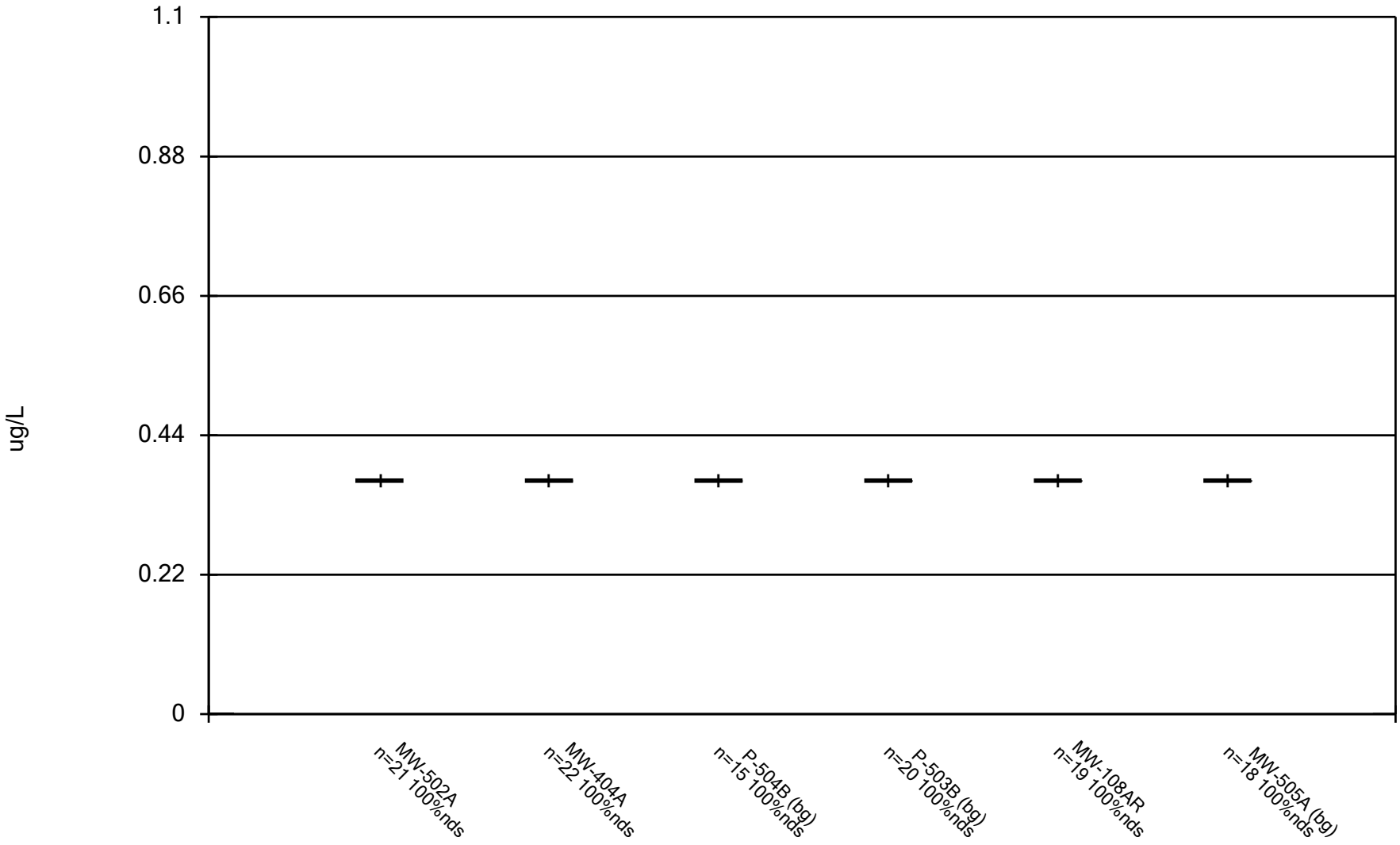

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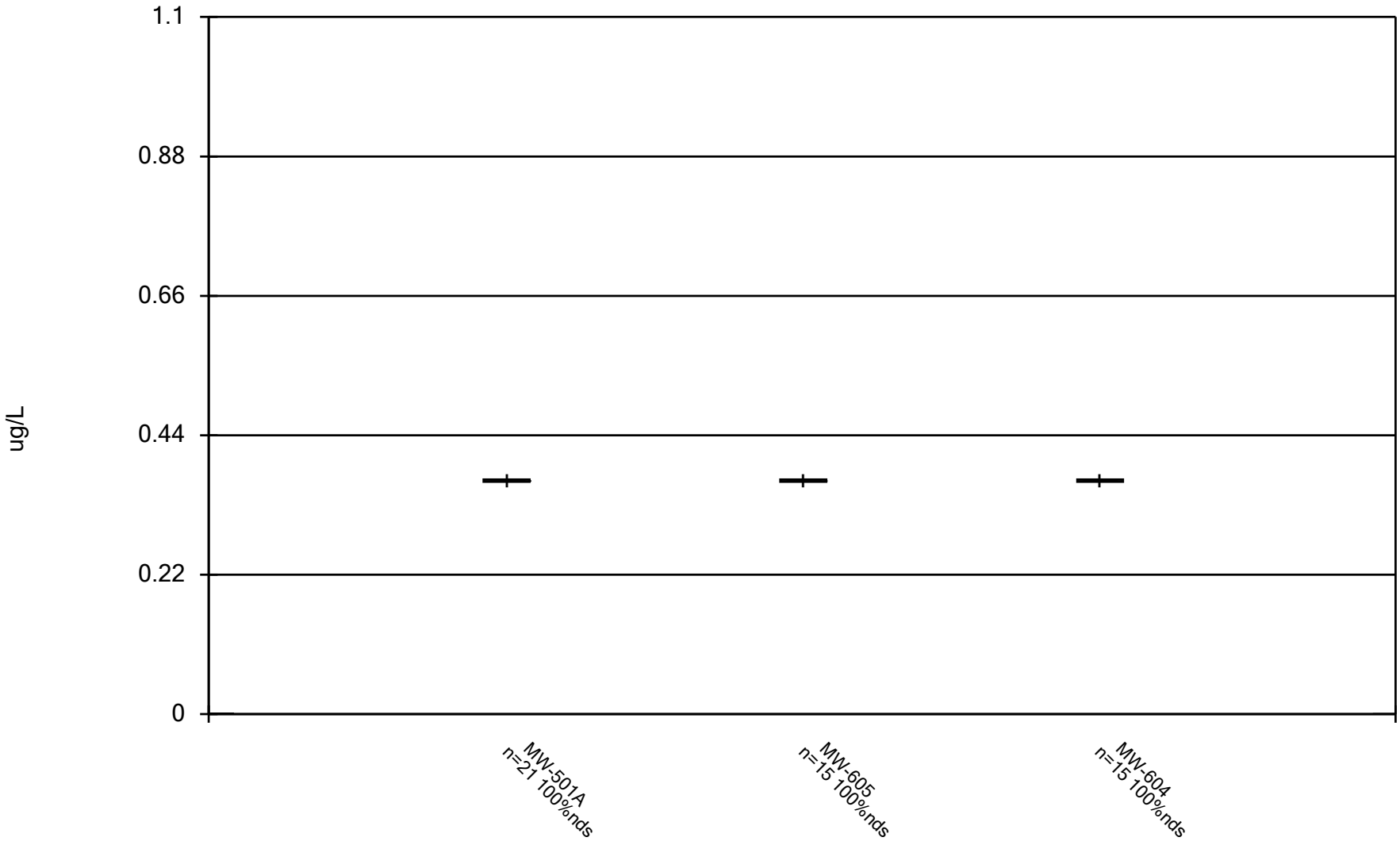
Box & Whiskers Plot



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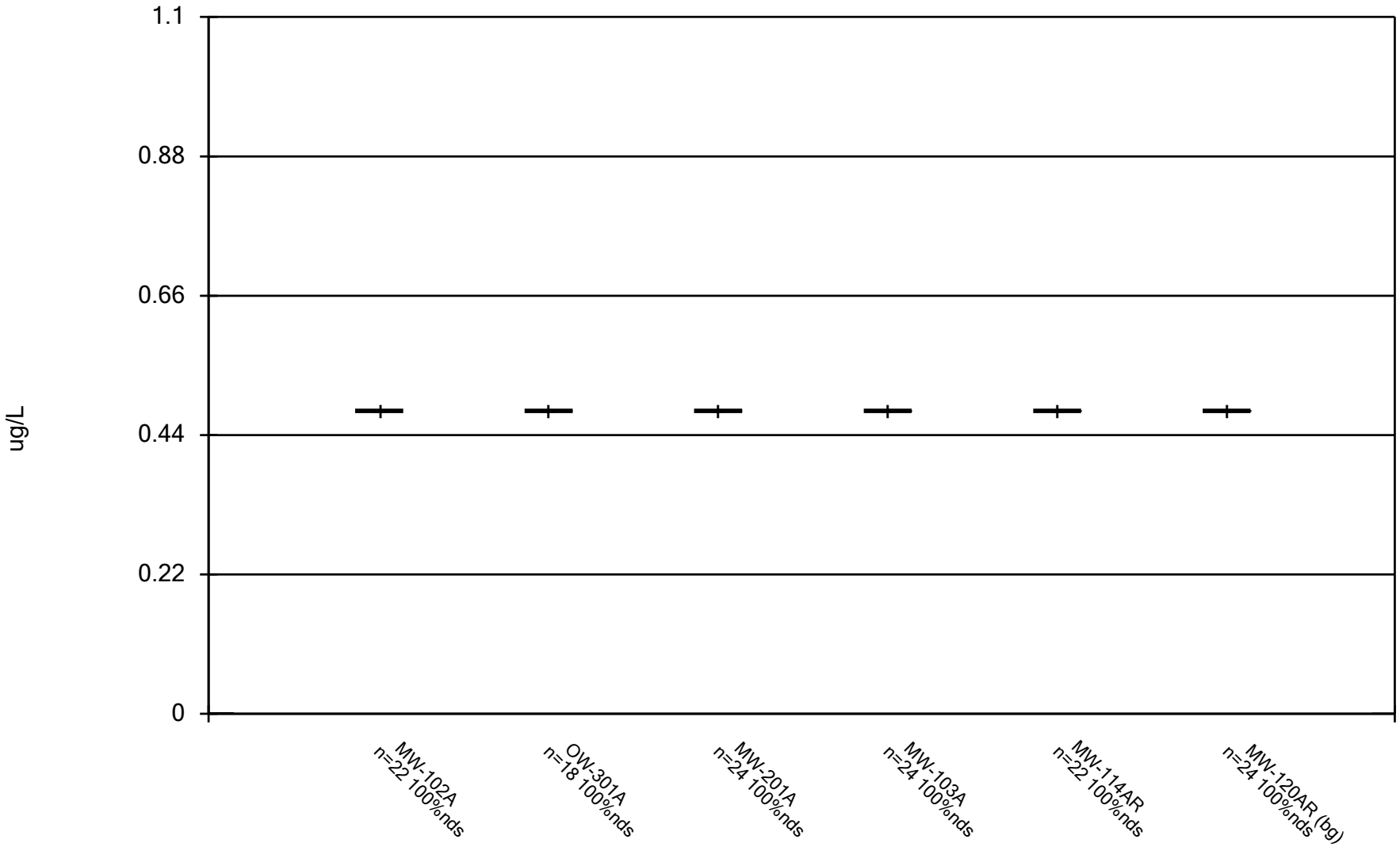
Box & Whiskers Plot



Constituent: Tetrachloroethene Analysis Run 6/12/2025 2:18 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

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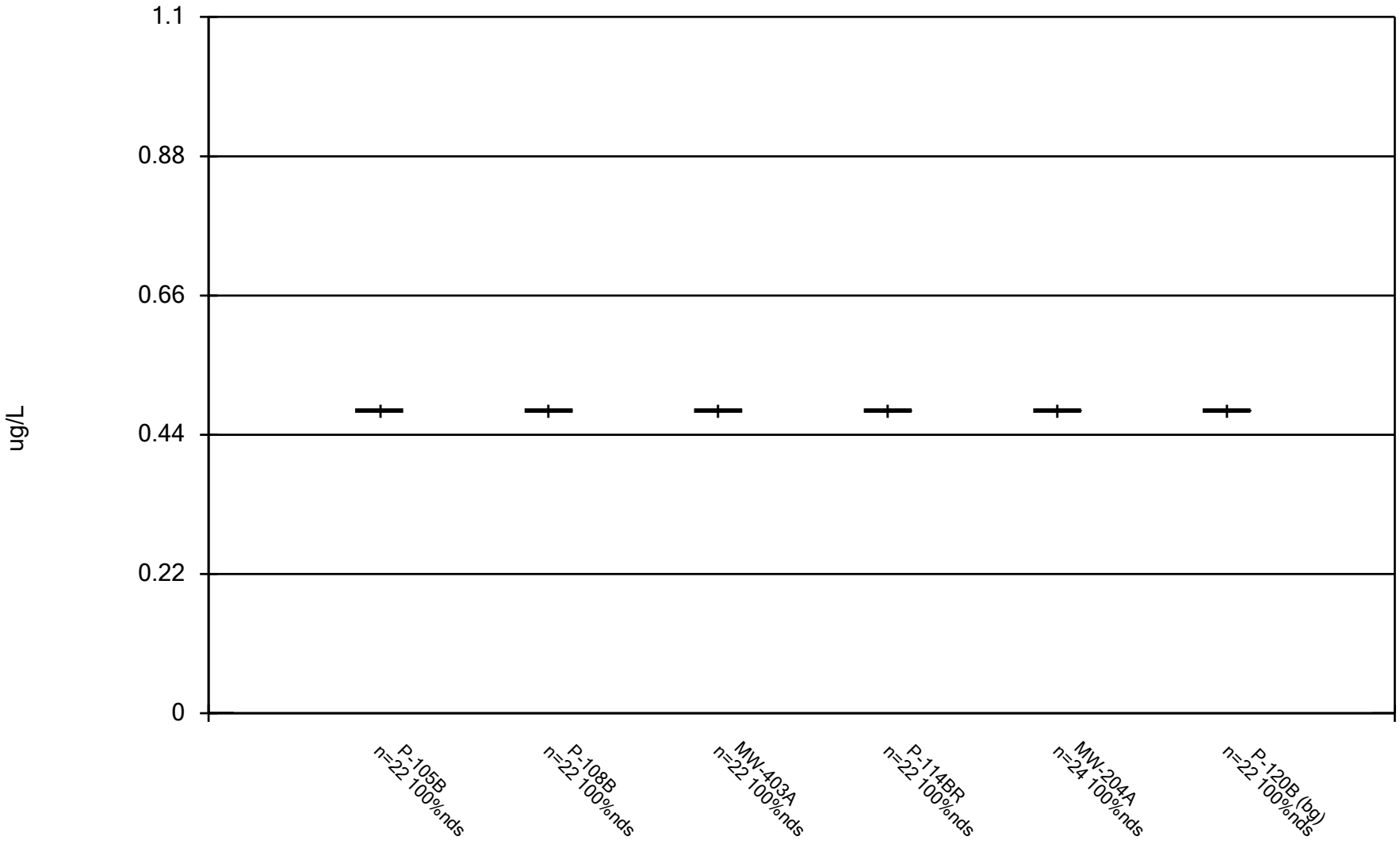
Box & Whiskers Plot



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DMASWA Data: DMASWA Database_Updated

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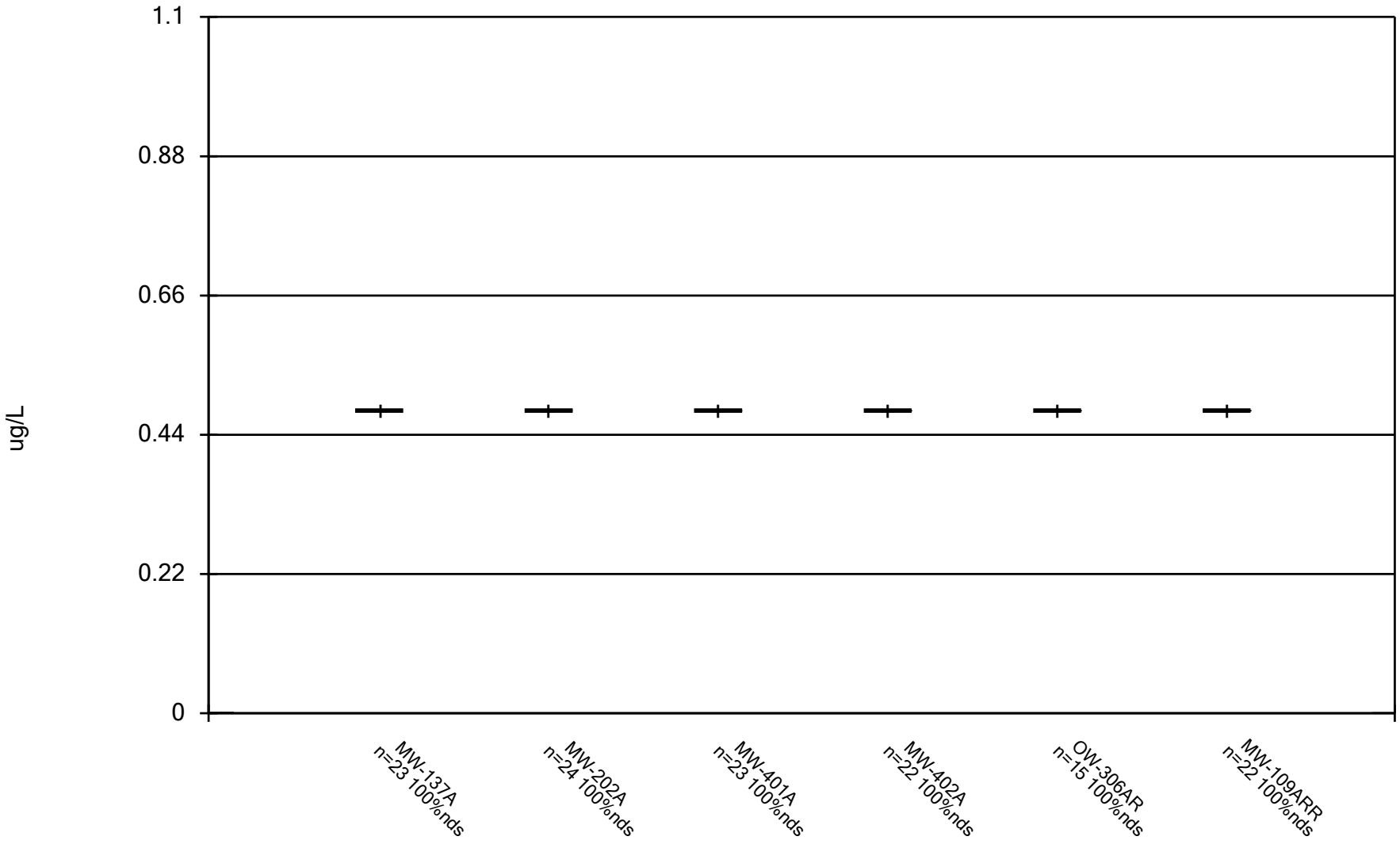
Box & Whiskers Plot



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DMASWA Data: DMASWA Database_Updated

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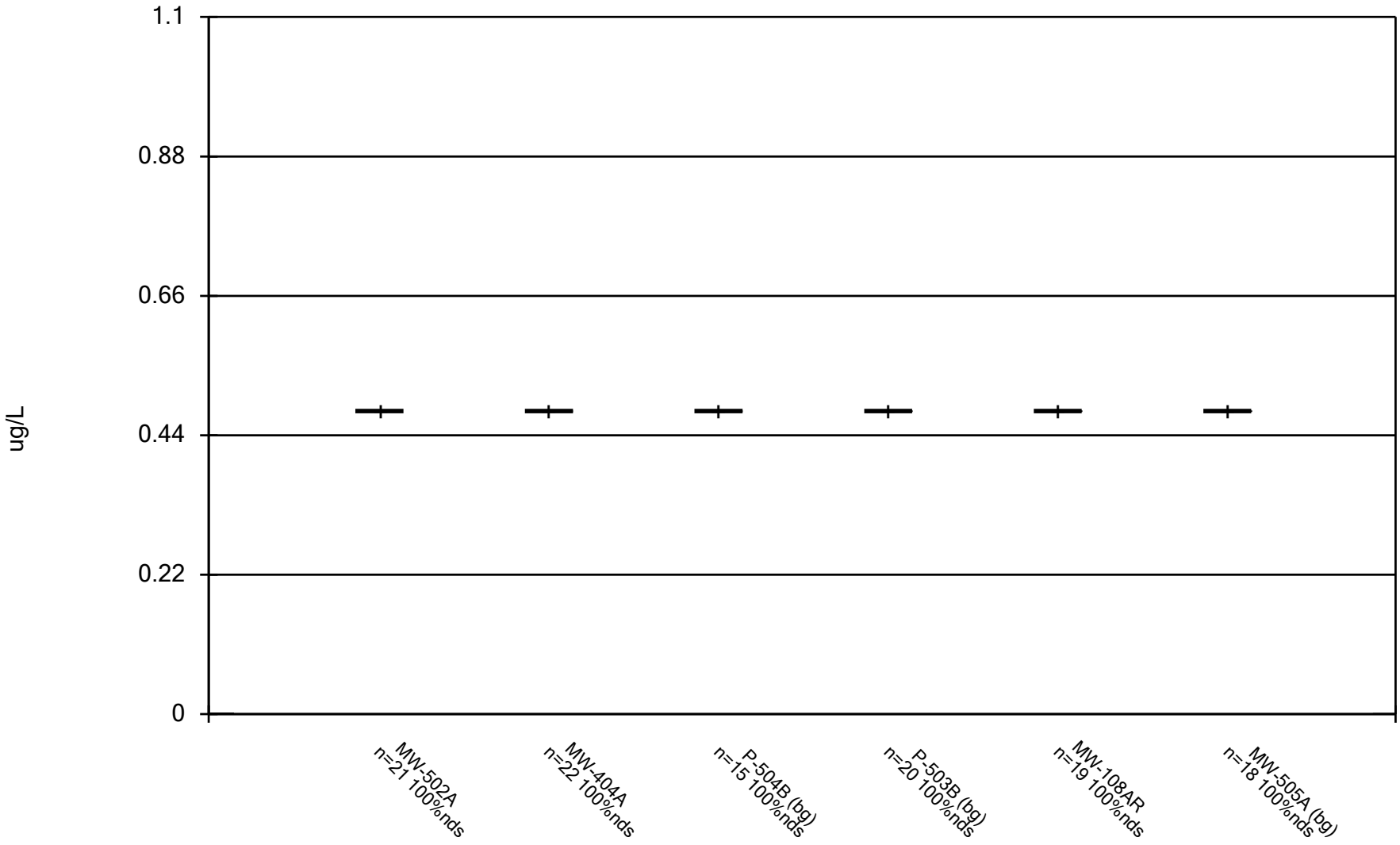
Box & Whiskers Plot



Constituent: Tetrachloroethene Analysis Run 6/12/2025 2:18 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

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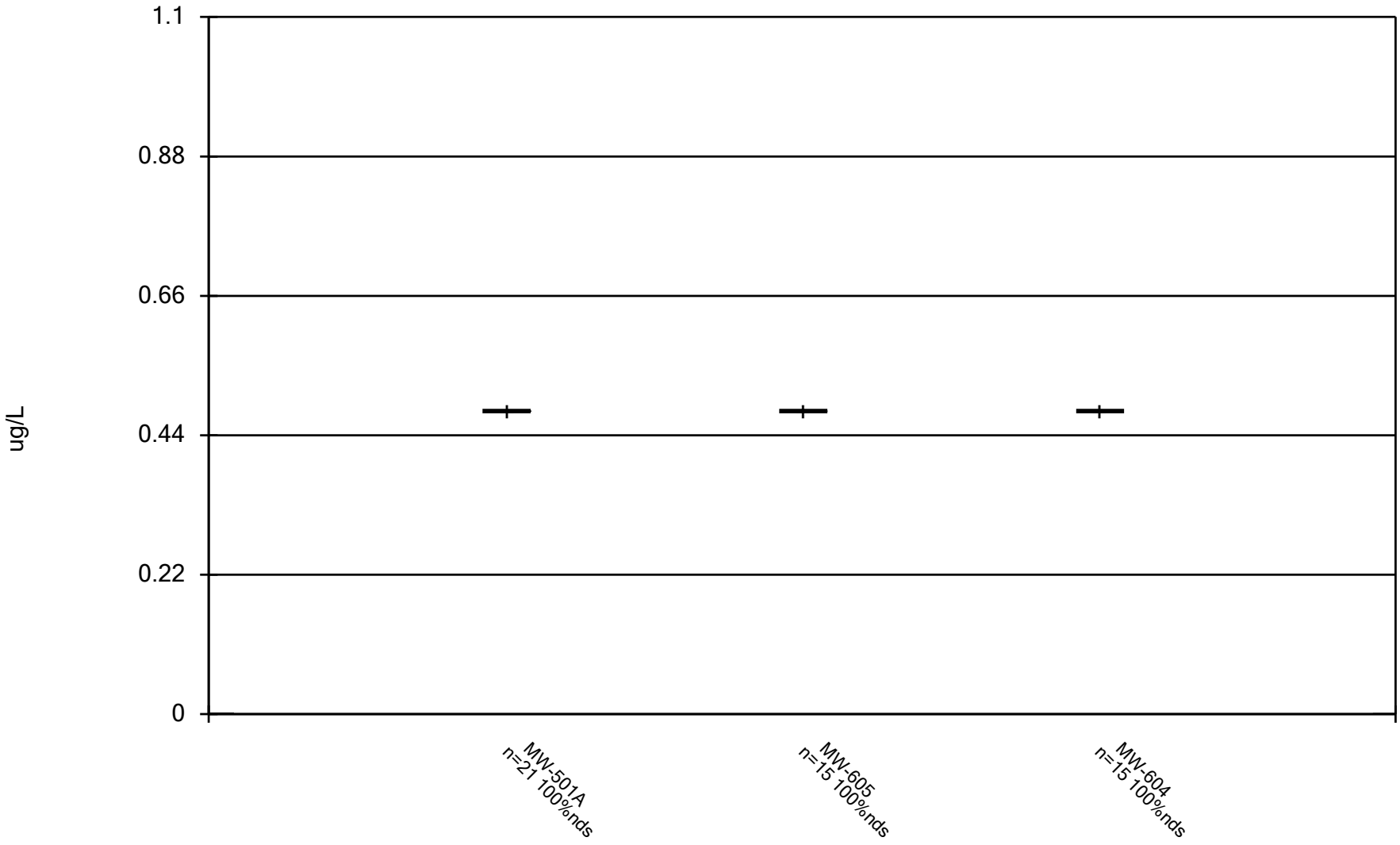
Box & Whiskers Plot



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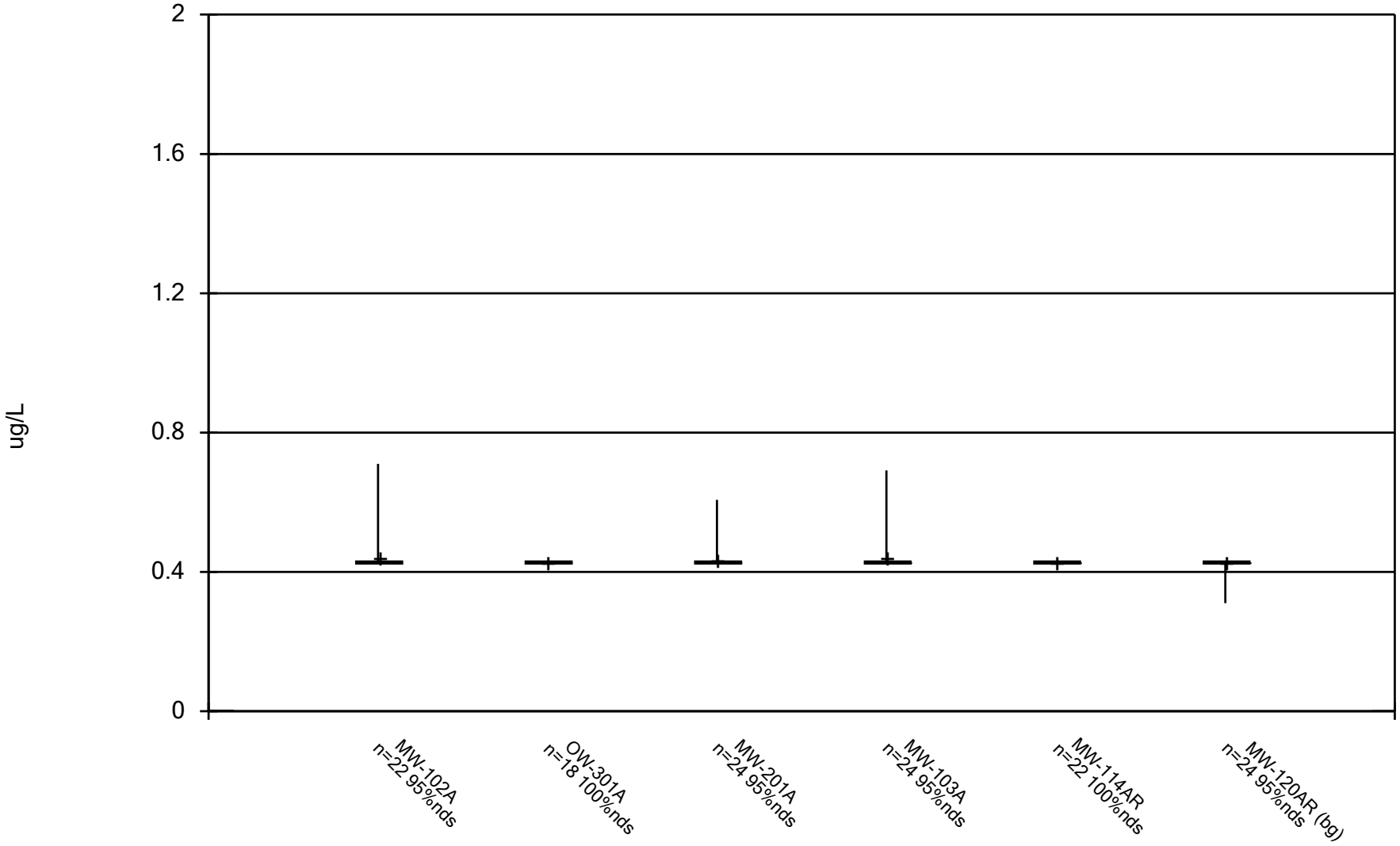
Box & Whiskers Plot



Constituent: Toluene Analysis Run 6/12/2025 2:18 PM View: All Wells - Appendix I VOCs

DMASWA Data: DMASWA Database_Updated

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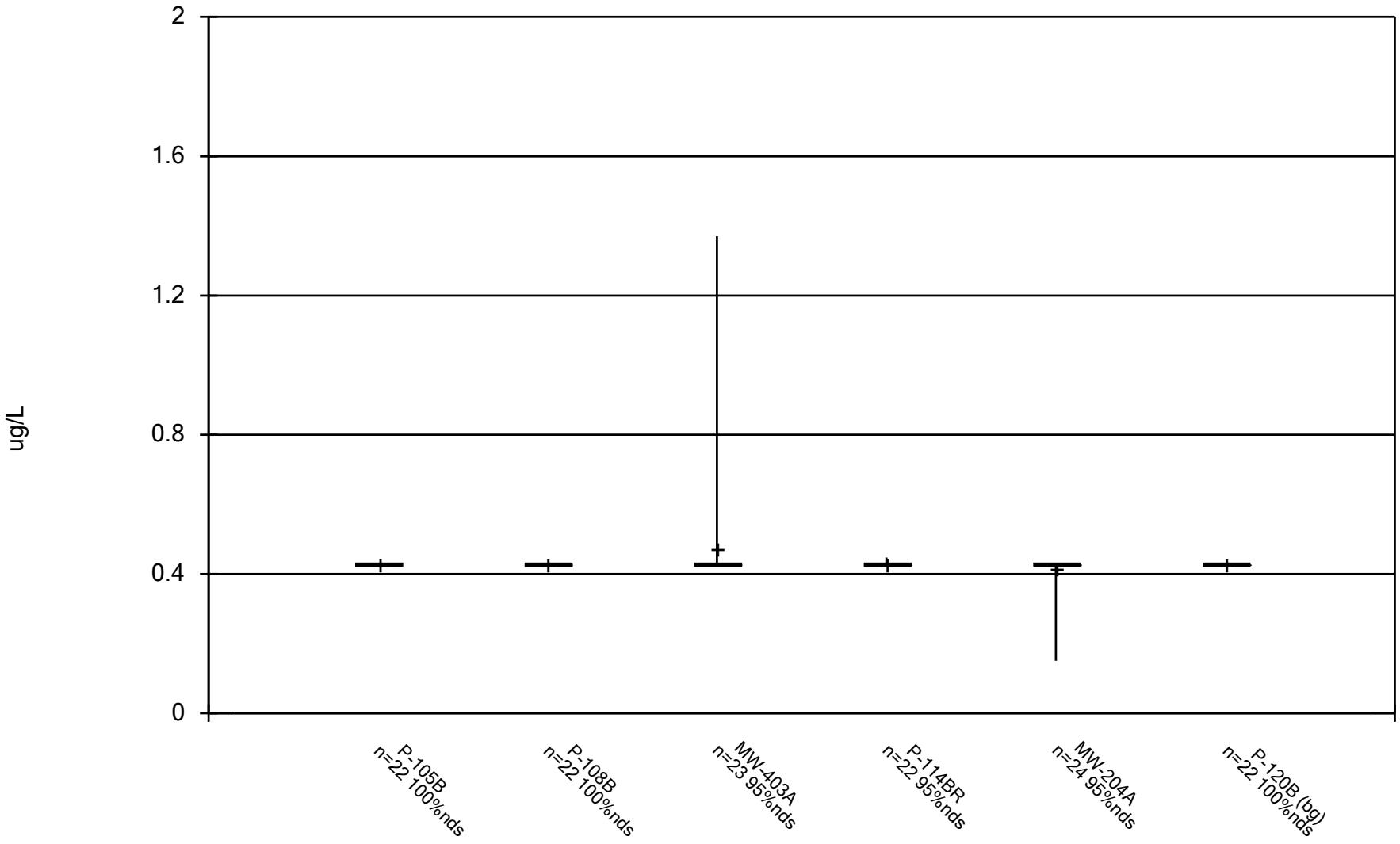
Box & Whiskers Plot



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DMASWA Data: DMASWA Database_Updated

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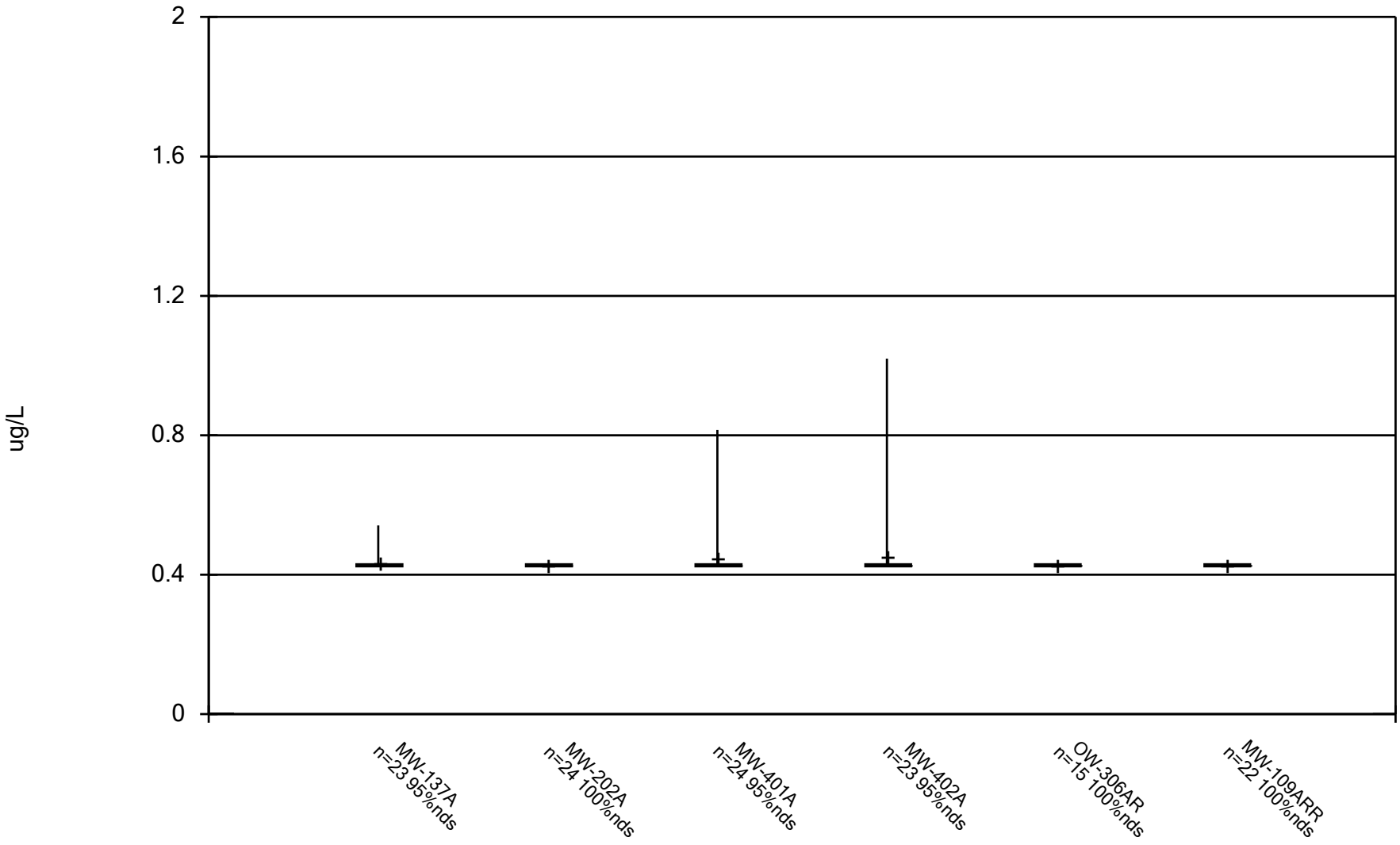
Box & Whiskers Plot



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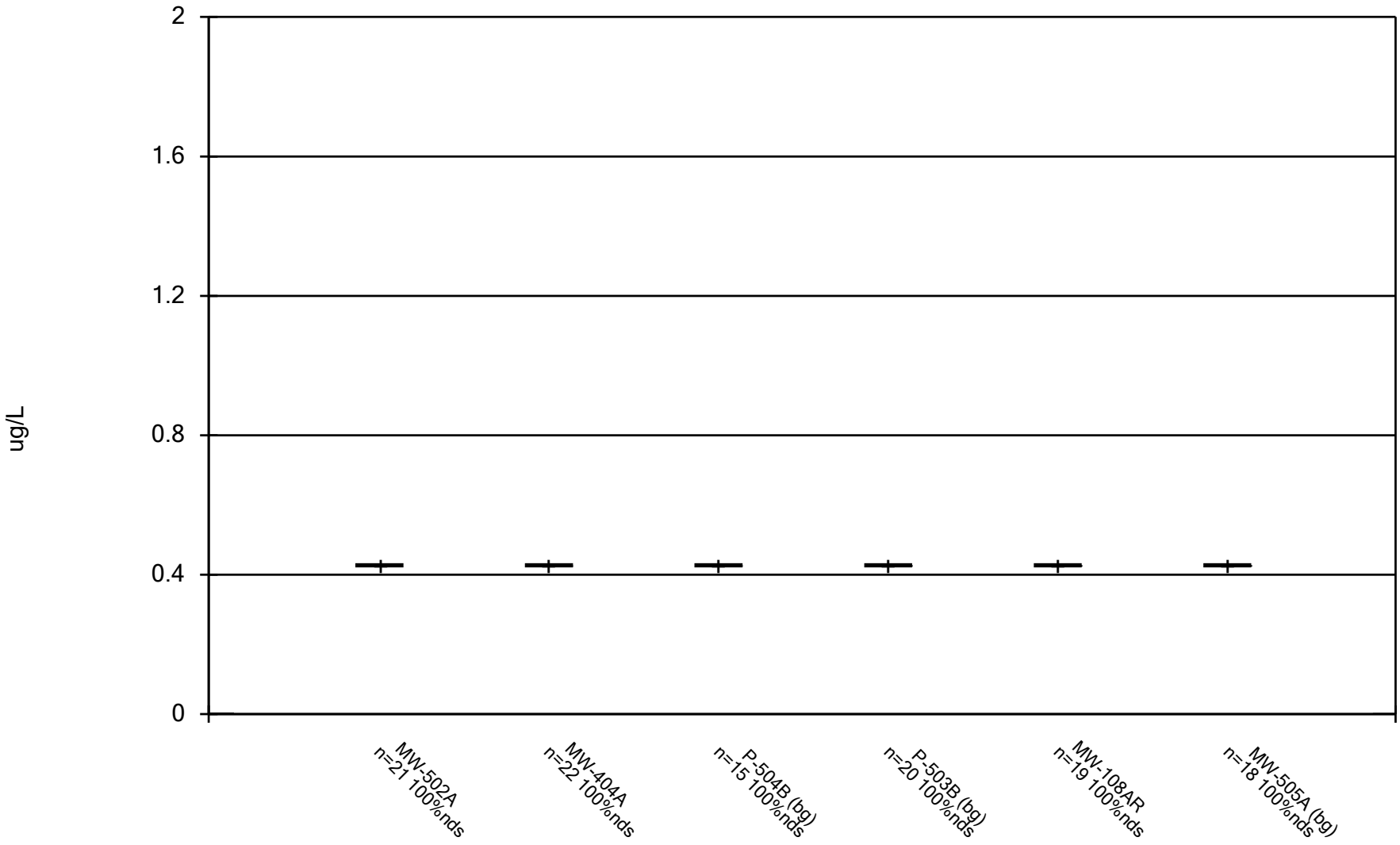

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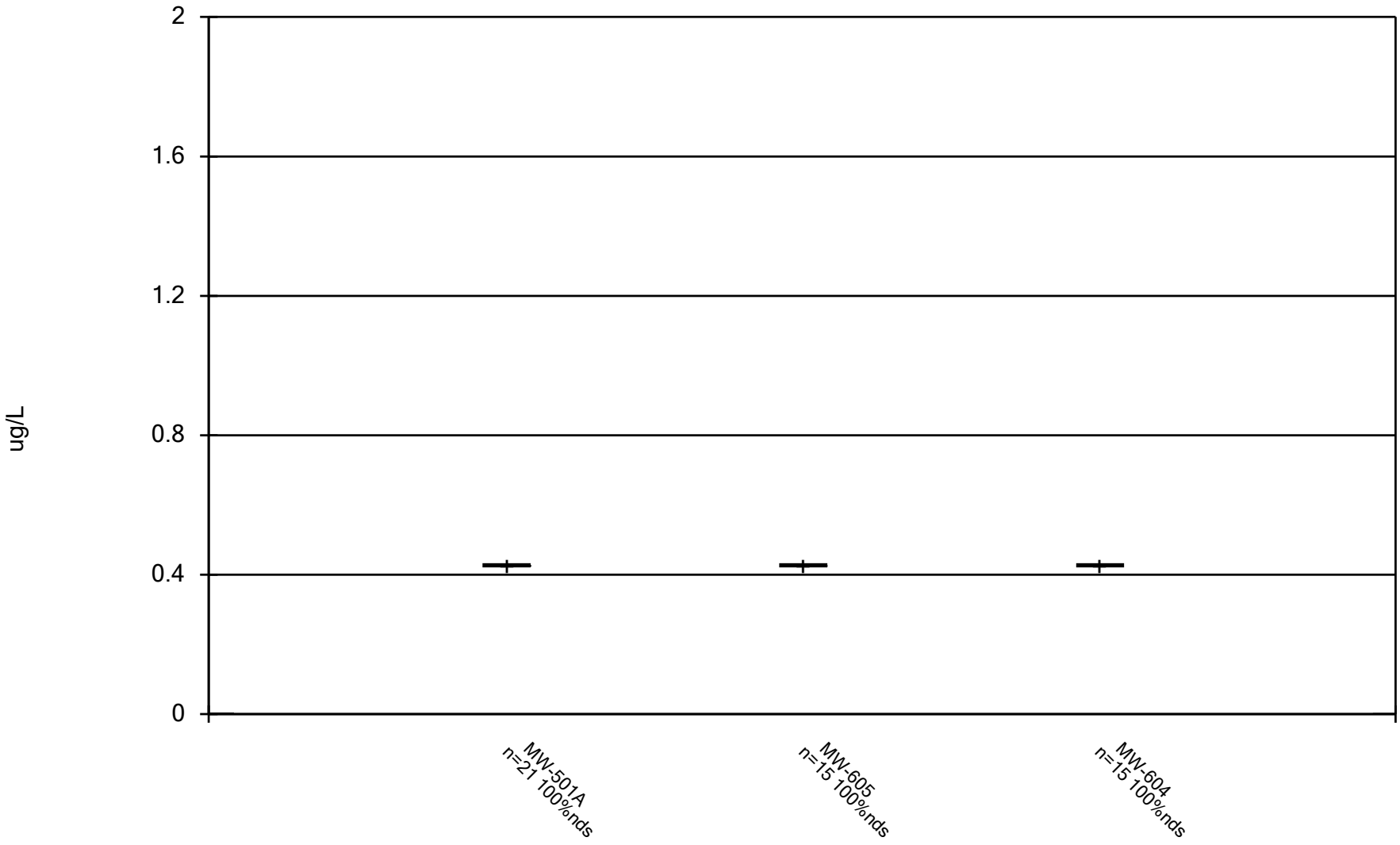

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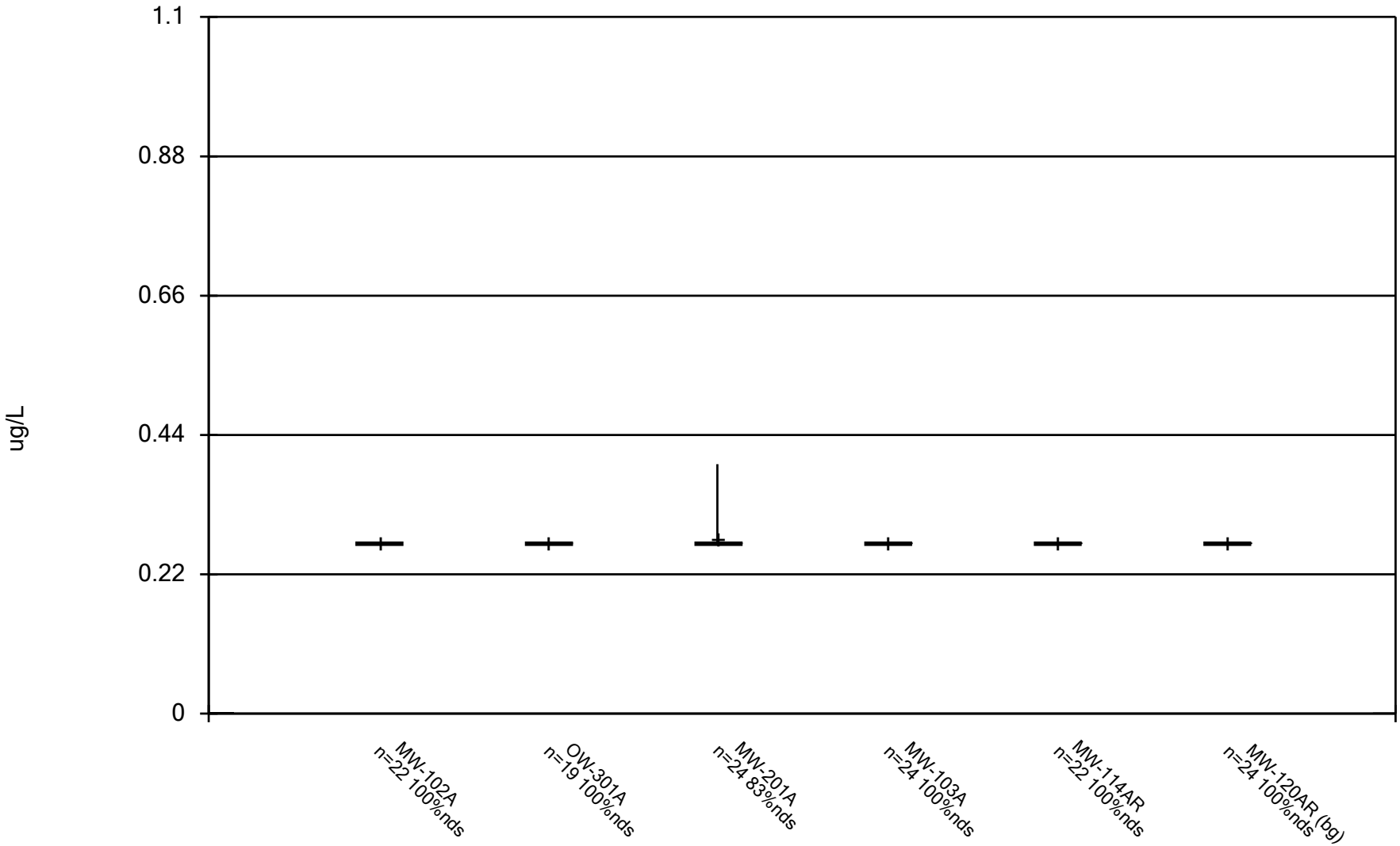
Box & Whiskers Plot



Constituent: trans-1,2-Dichloroethene Analysis Run 6/12/2025 2:18 PM View: All Wells - Appendix I VOCs

DMASWA Data: DMASWA Database_Updated

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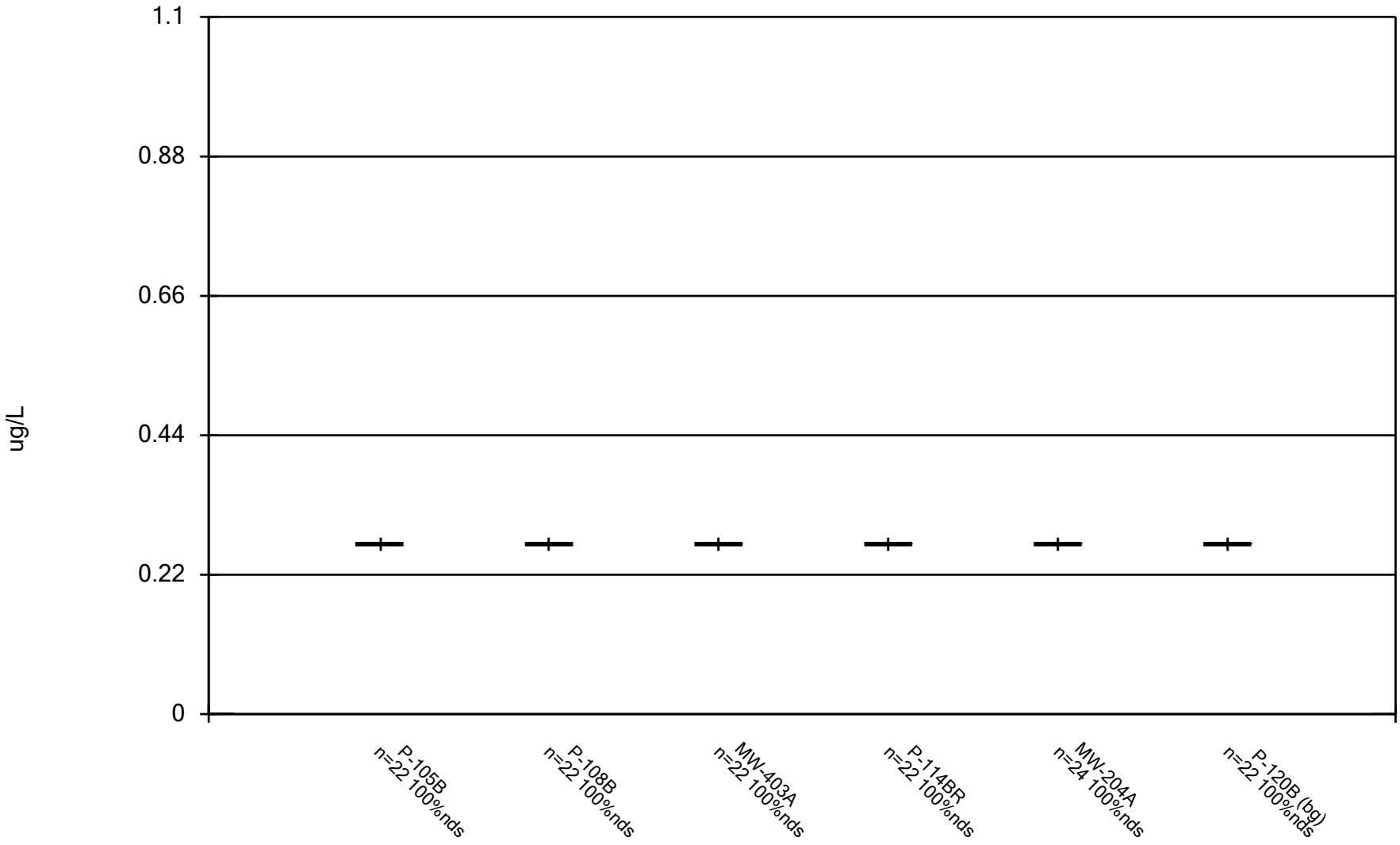
Box & Whiskers Plot



Constituent: trans-1,2-Dichloroethene Analysis Run 6/12/2025 2:18 PM View: All Wells - Appendix I VOCs

DMASWA Data: DMASWA Database_Updated

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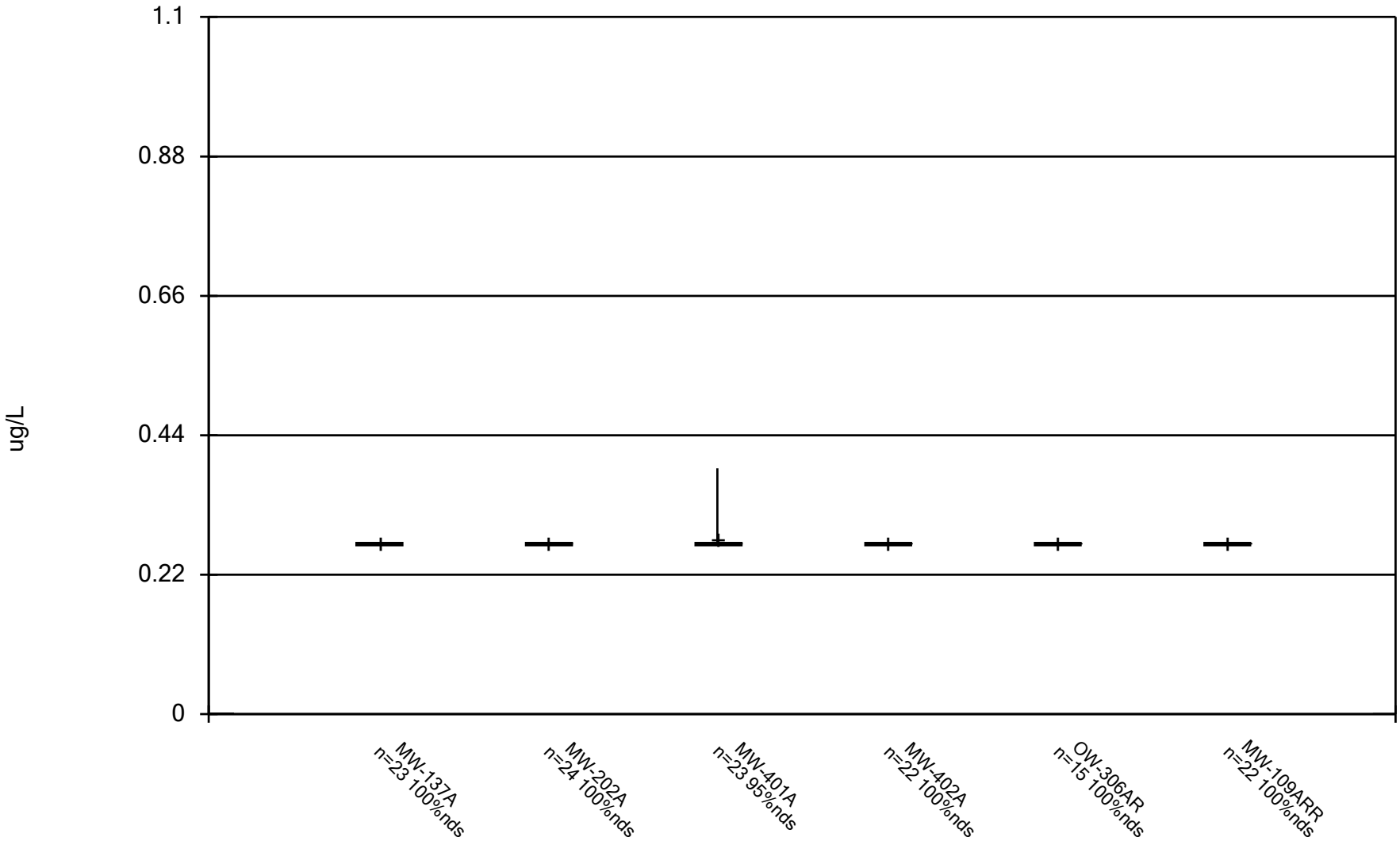
Box & Whiskers Plot



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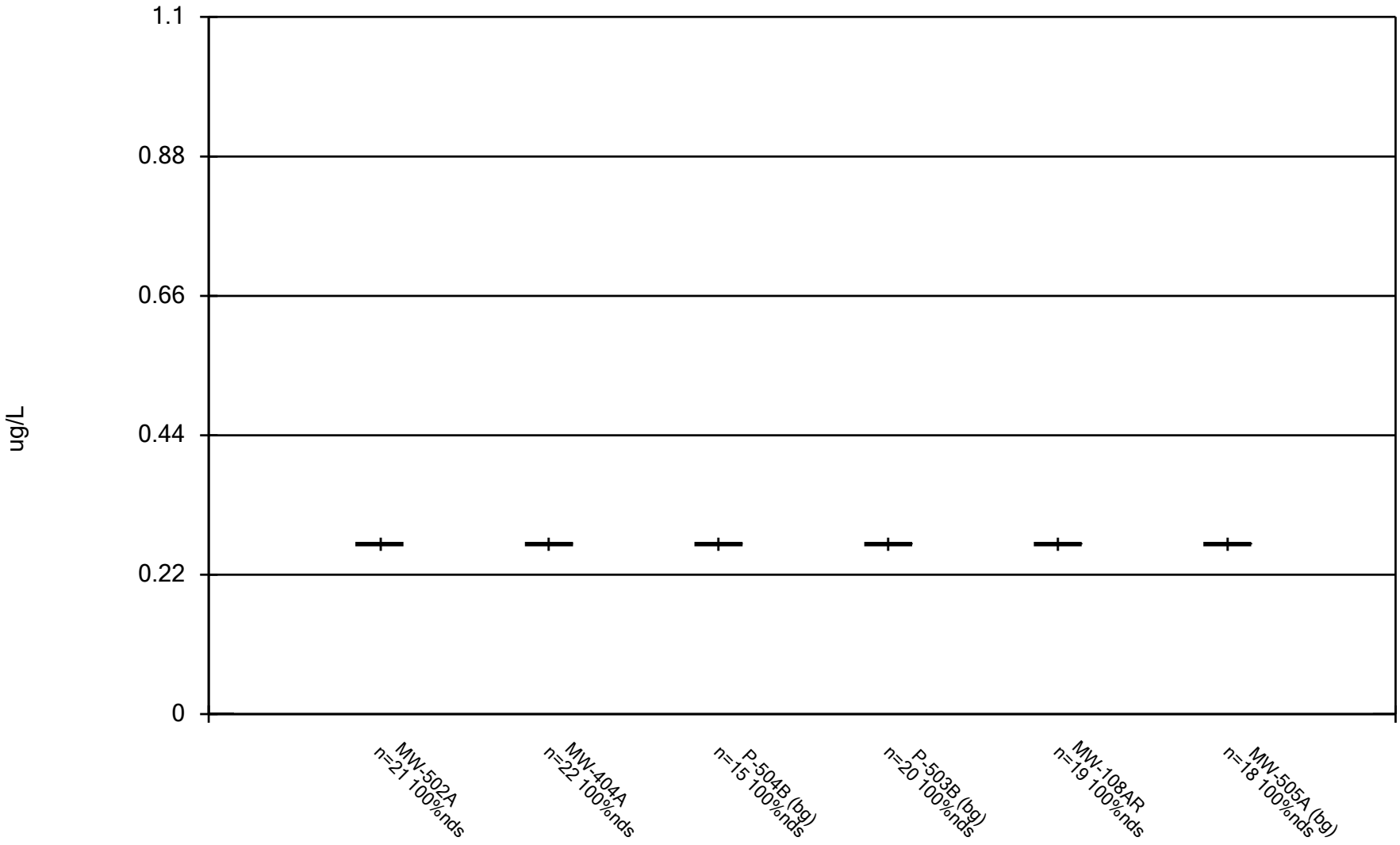
Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG

Box & Whiskers Plot



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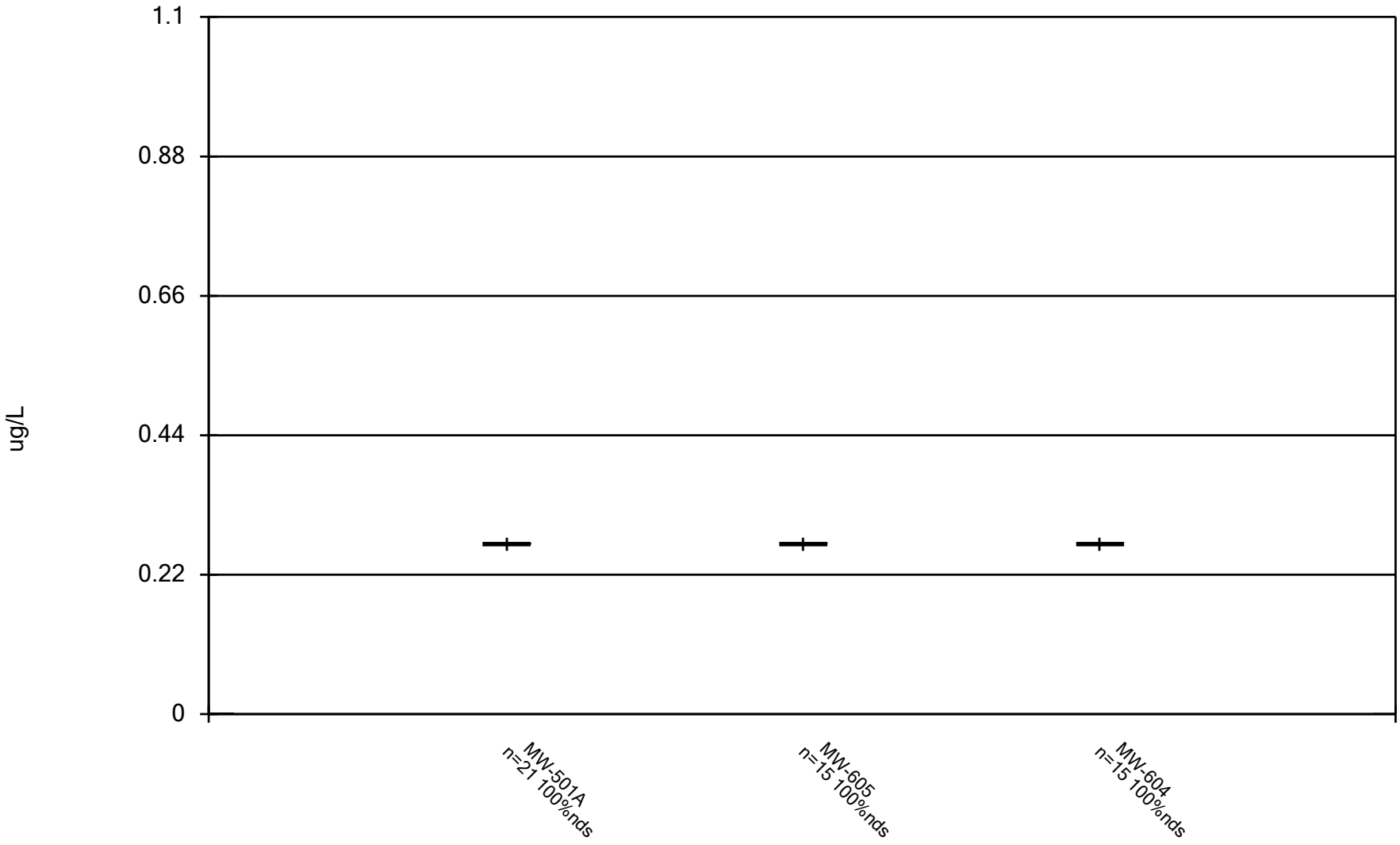

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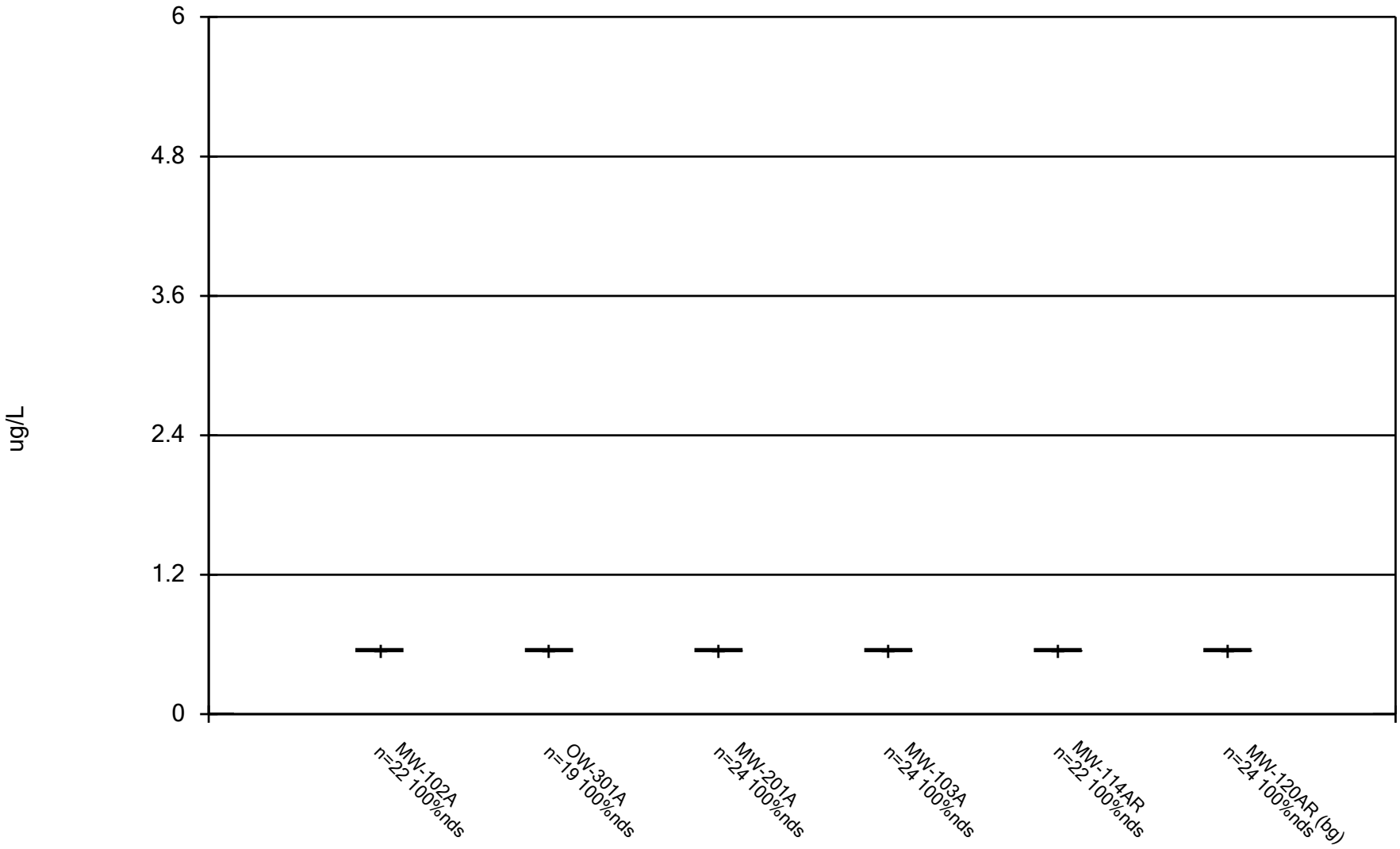

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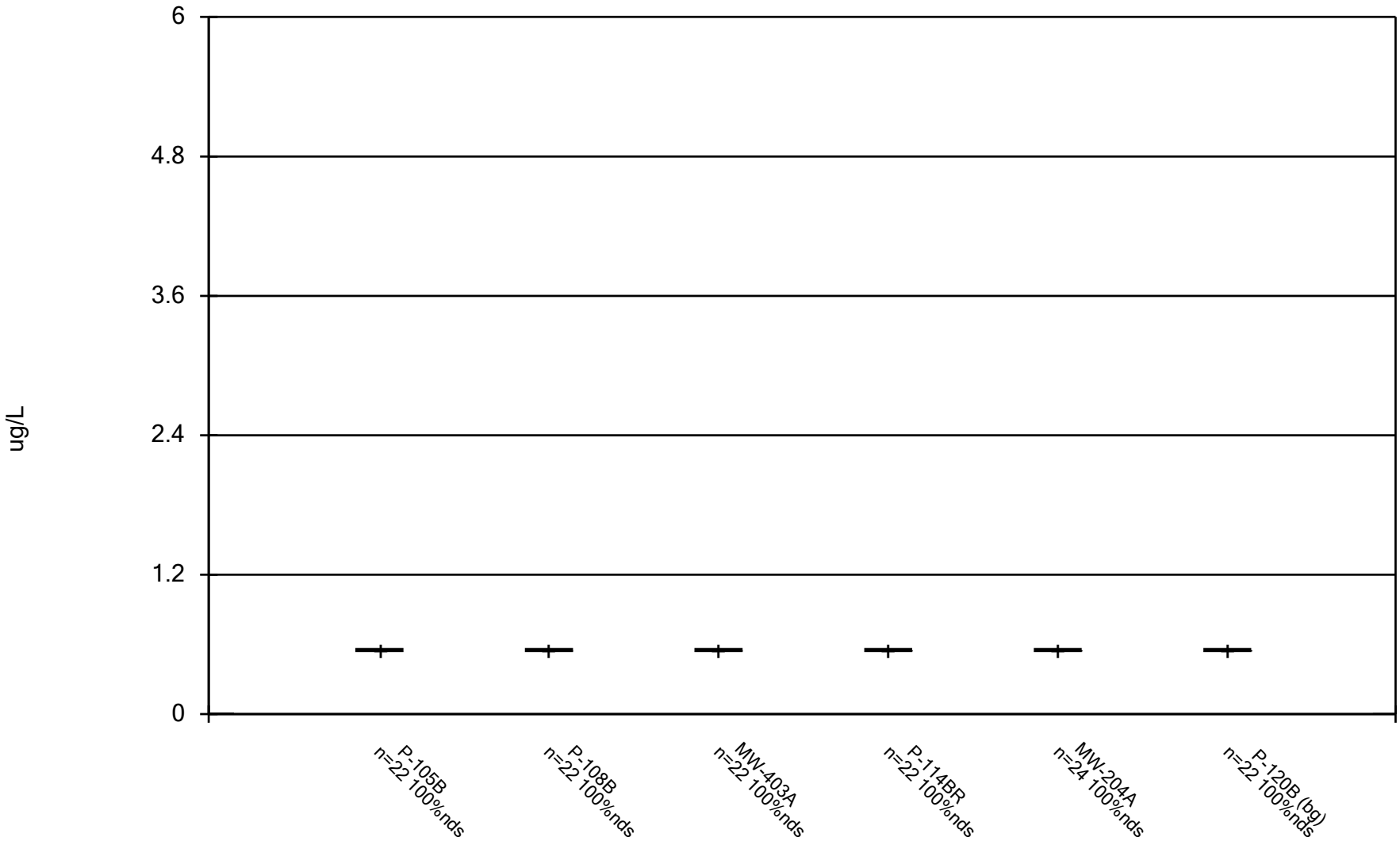
Box & Whiskers Plot



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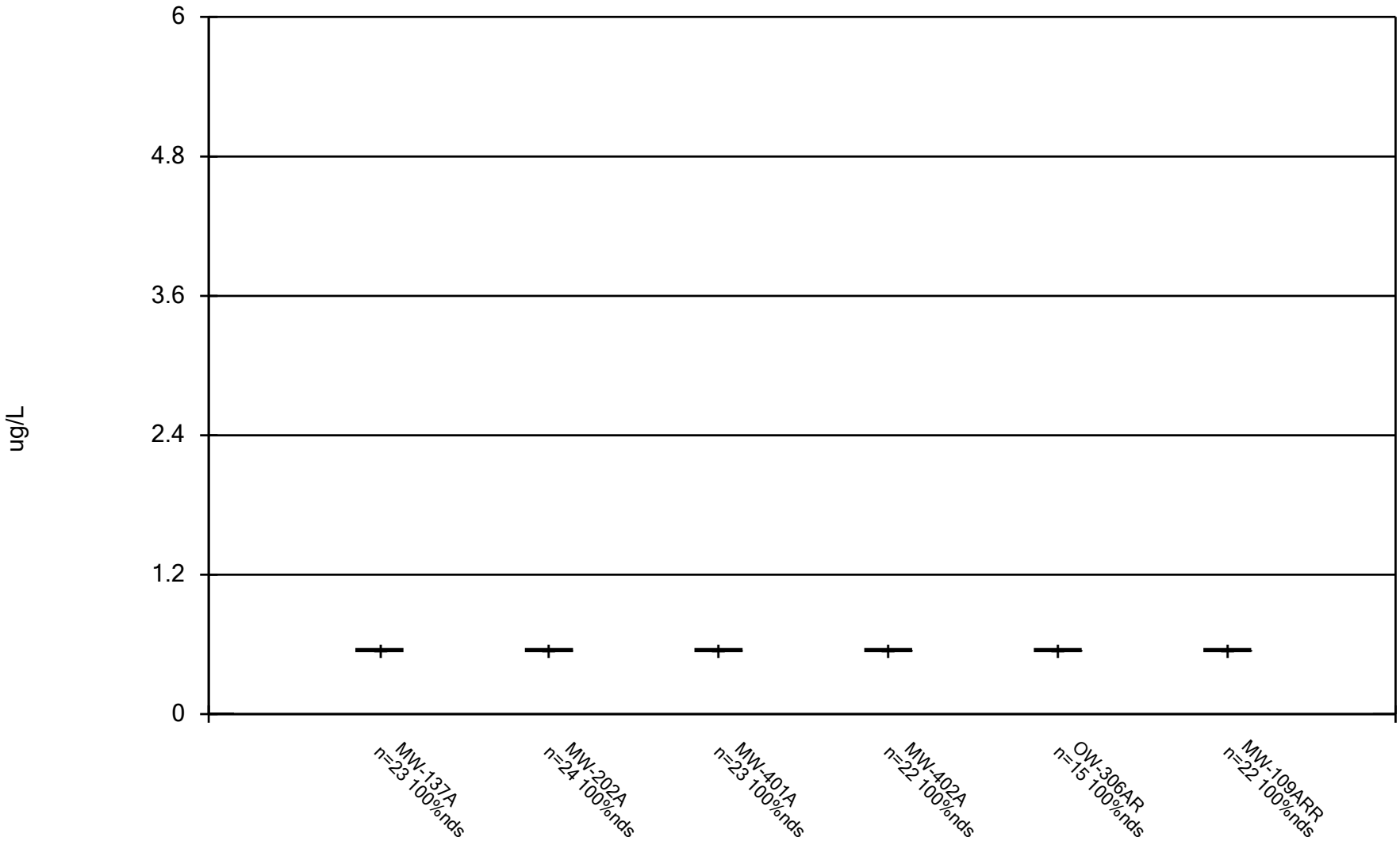

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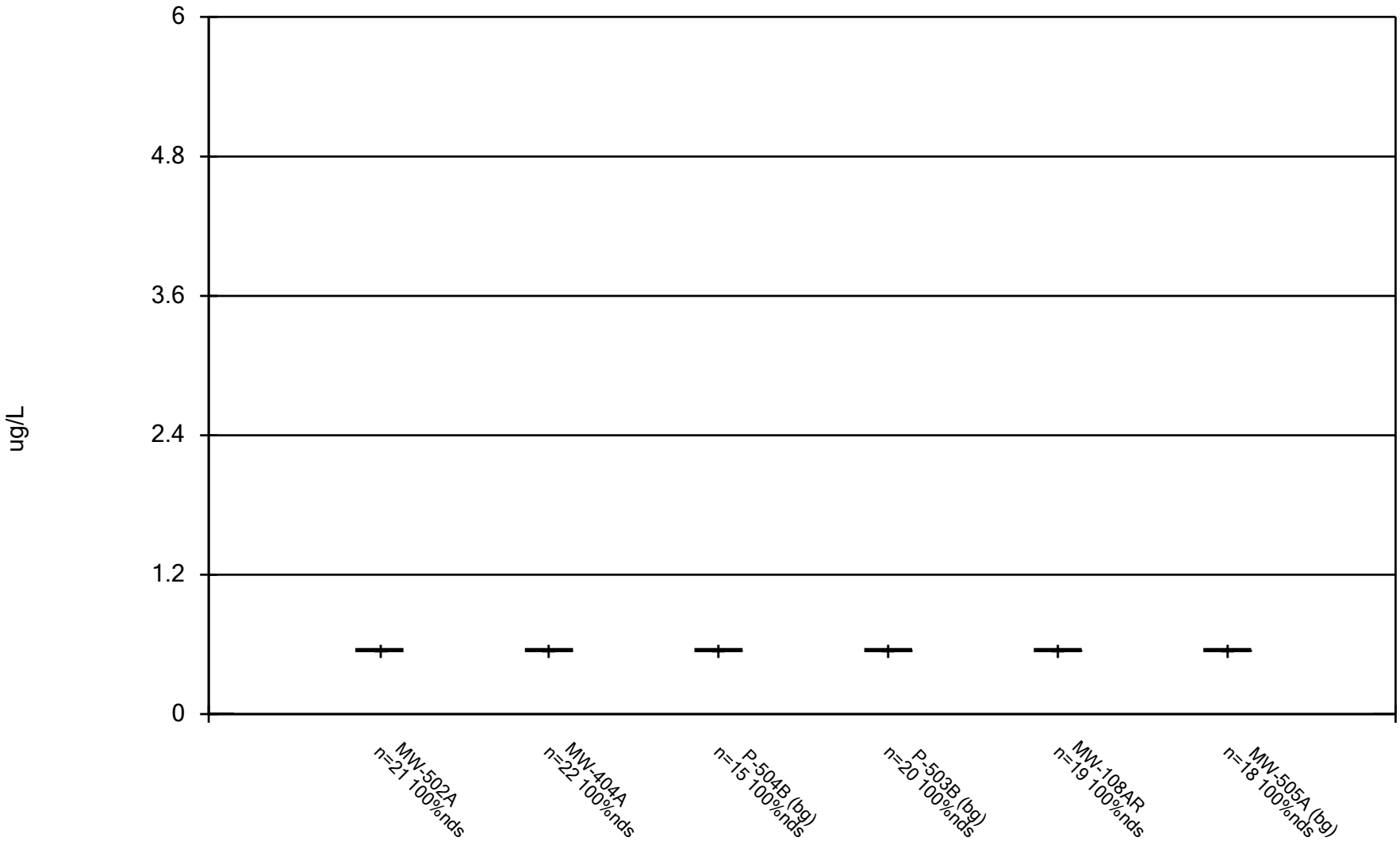
Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG

Box & Whiskers Plot



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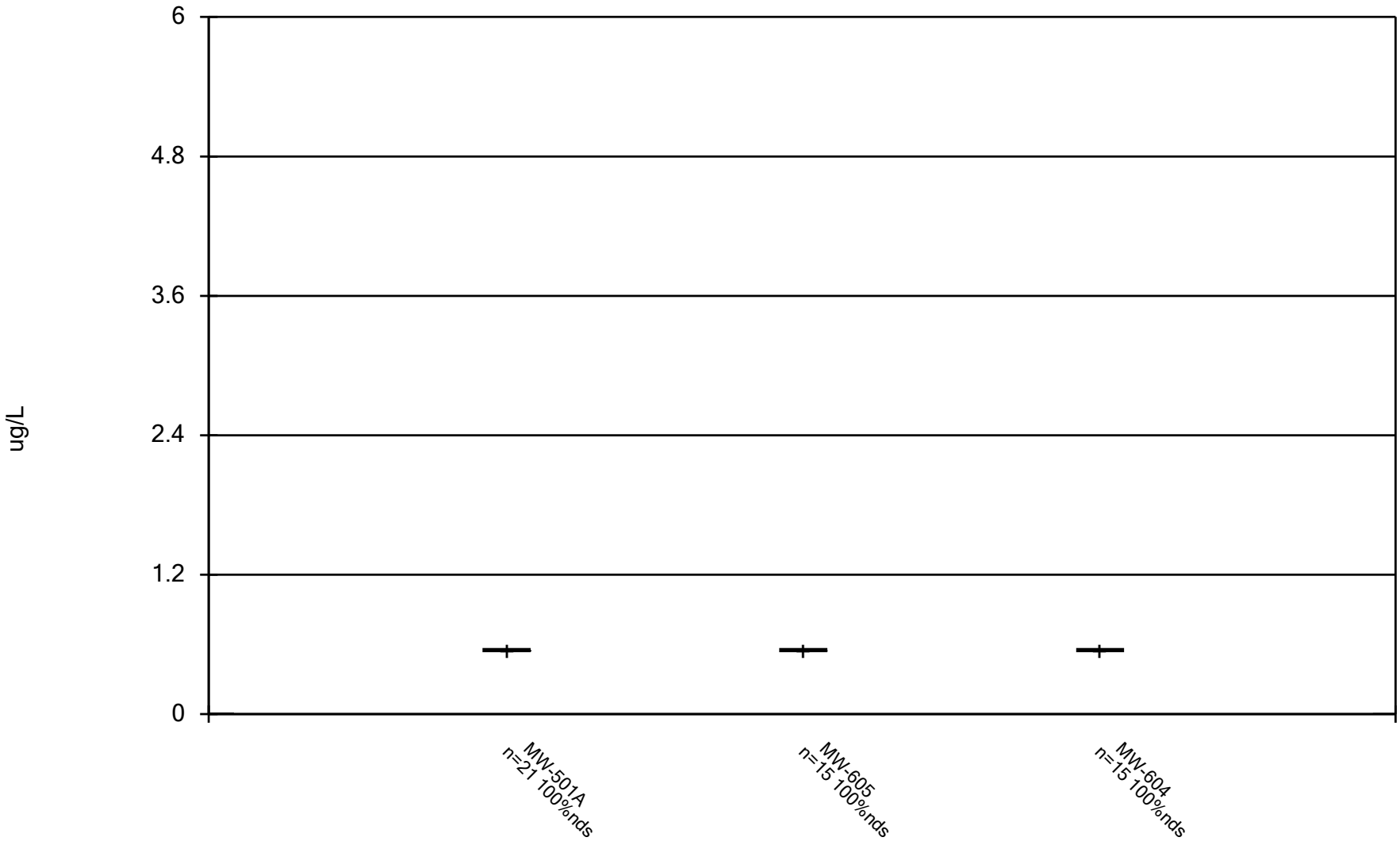
Box & Whiskers Plot



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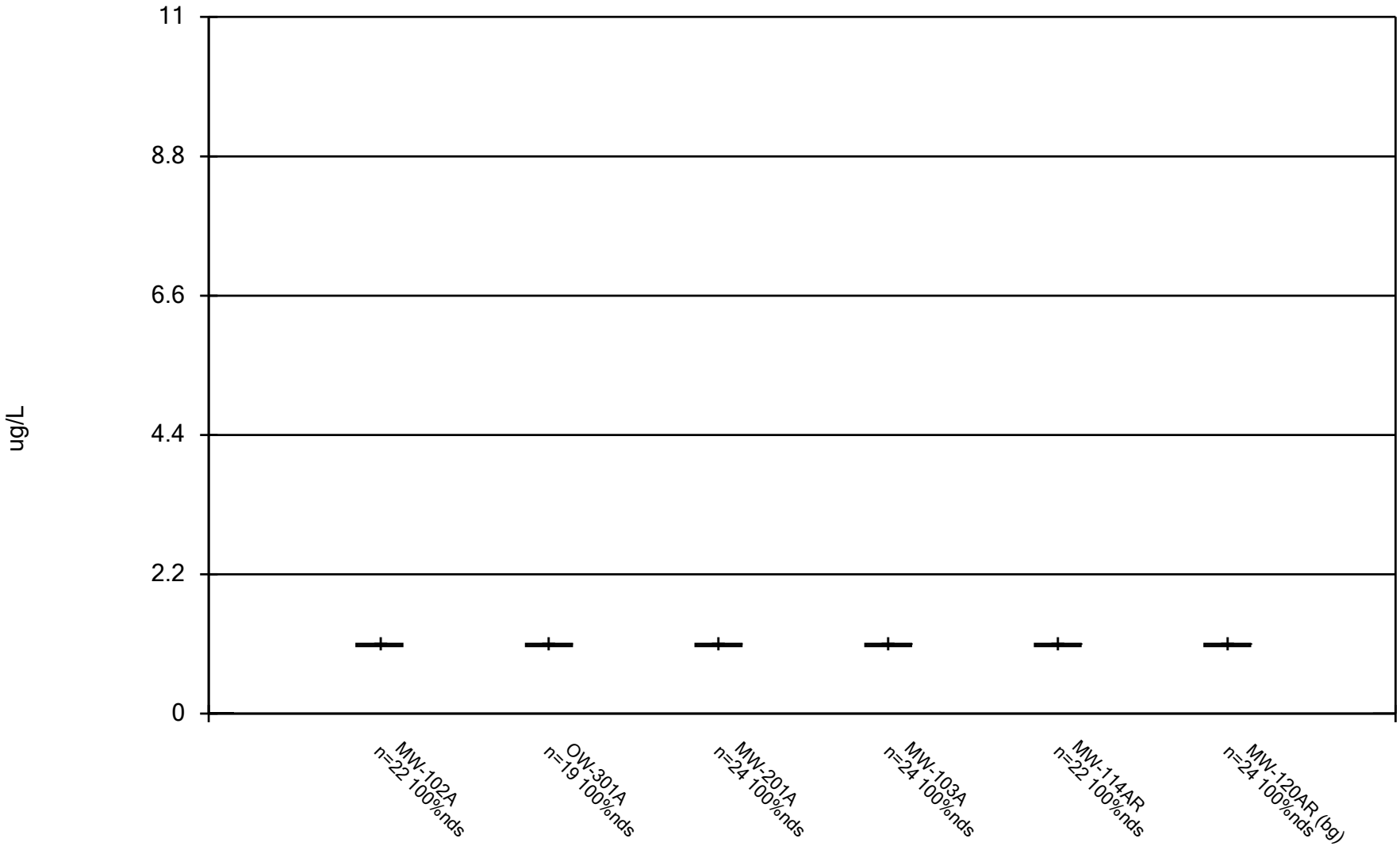

Constituent: trans-1,4-Dichloro-2-butene Analysis Run 6/12/2025 2:18 PM View: All Wells - Appendix I VO DMASWA Data: DMASWA Database_Updated

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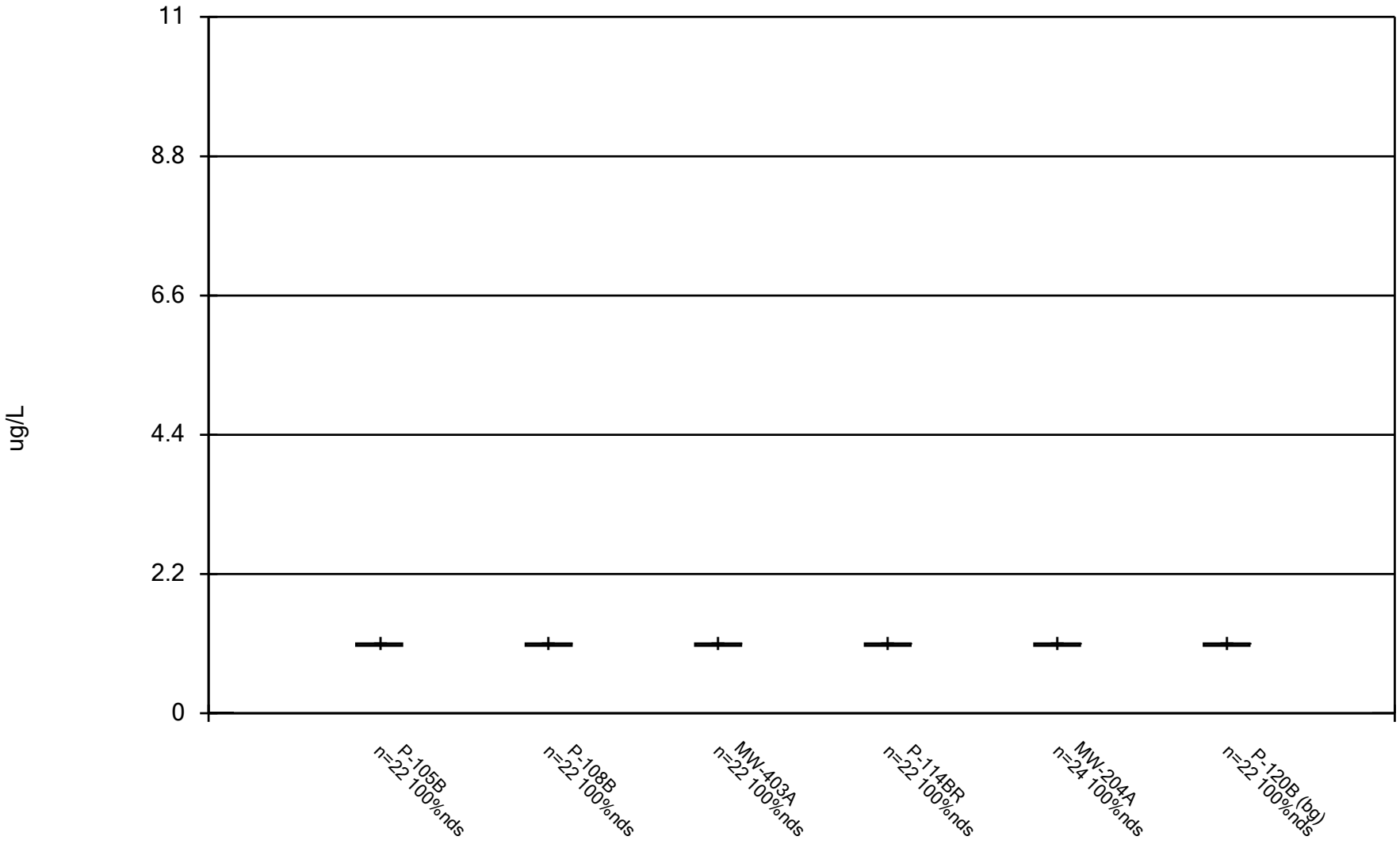
Box & Whiskers Plot



Constituent: trans-1,4-Dichloro-2-butene Analysis Run 6/12/2025 2:18 PM View: All Wells - Appendix I VO DMASWA Data: DMASWA Database_Updated

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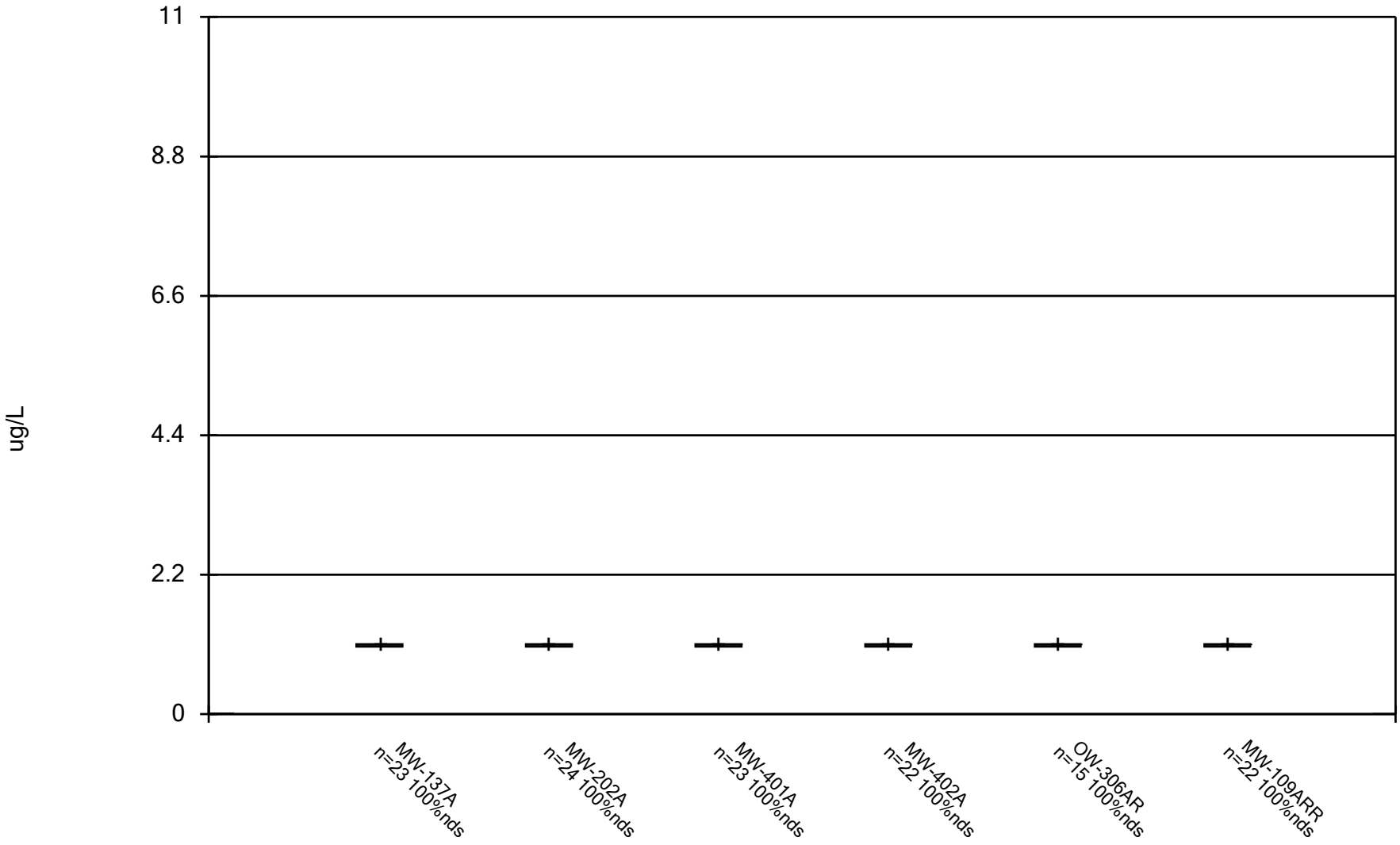
Box & Whiskers Plot



Constituent: trans-1,4-Dichloro-2-butene Analysis Run 6/12/2025 2:19 PM View: All Wells - Appendix I VO DMASWA Data: DMASWA Database_Updated

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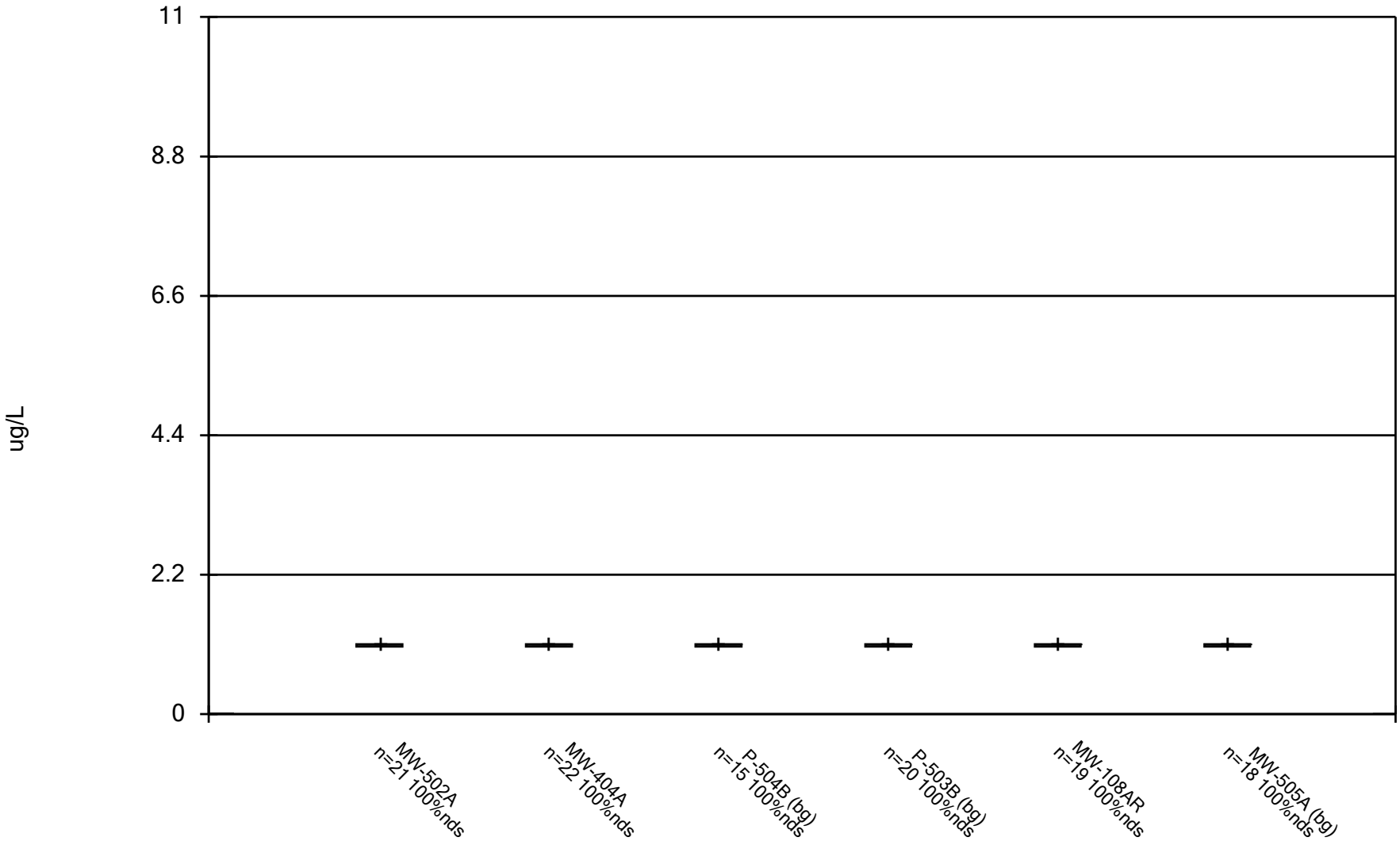
Box & Whiskers Plot



Constituent: trans-1,4-Dichloro-2-butene Analysis Run 6/12/2025 2:19 PM View: All Wells - Appendix I VO DMASWA Data: DMASWA Database_Updated

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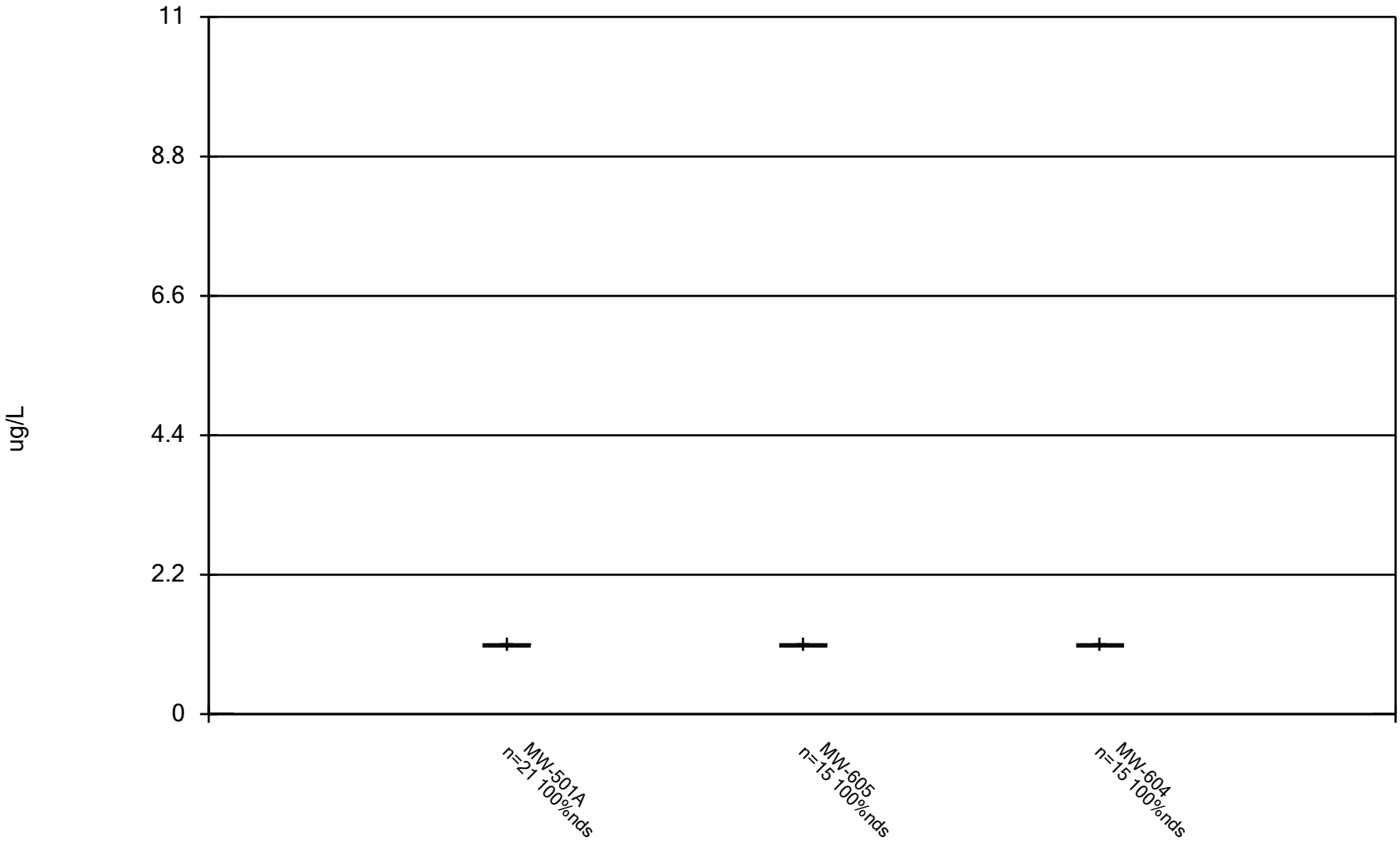
Box & Whiskers Plot



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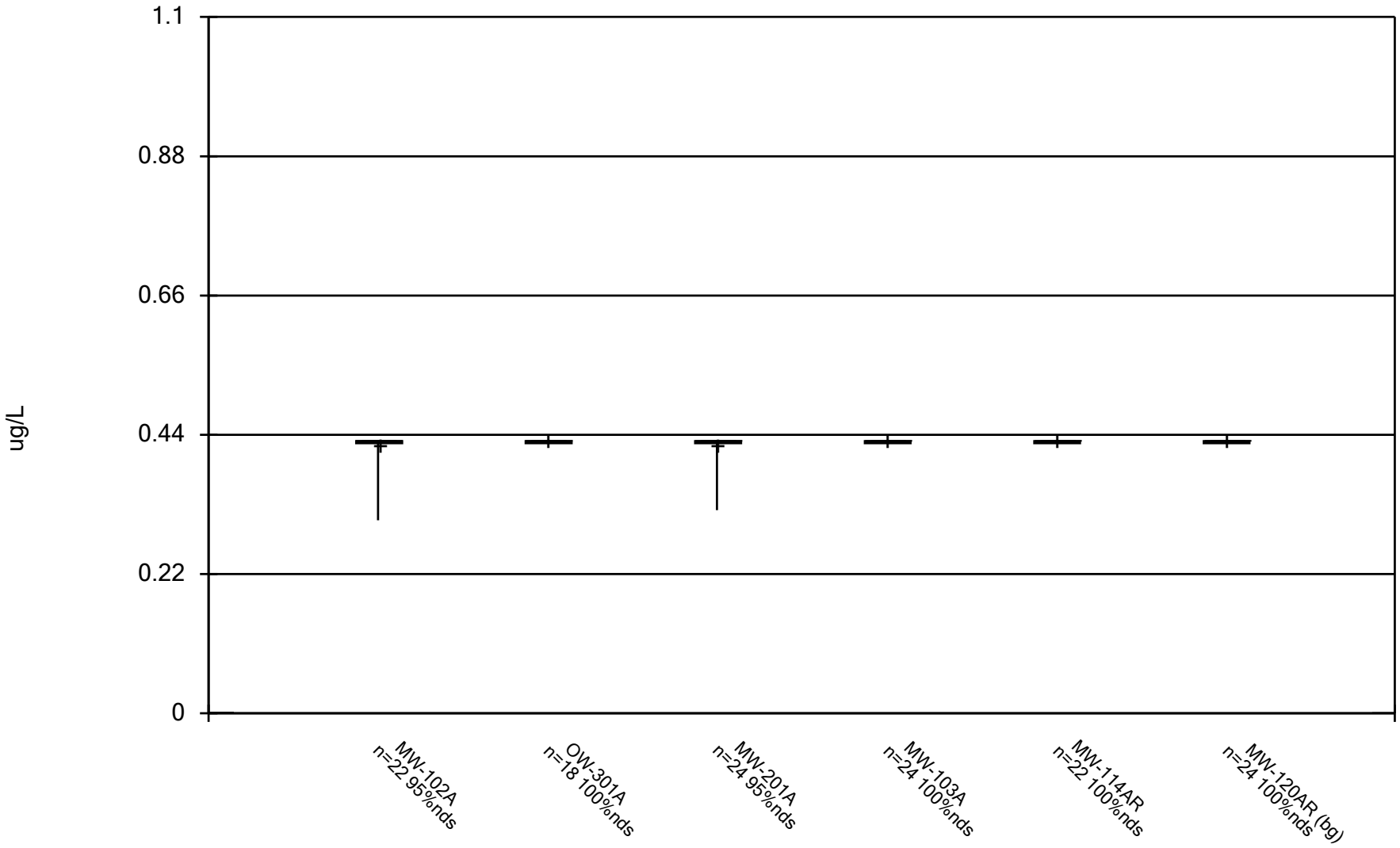
Box & Whiskers Plot



Constituent: Trichloroethene Analysis Run 6/12/2025 2:19 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

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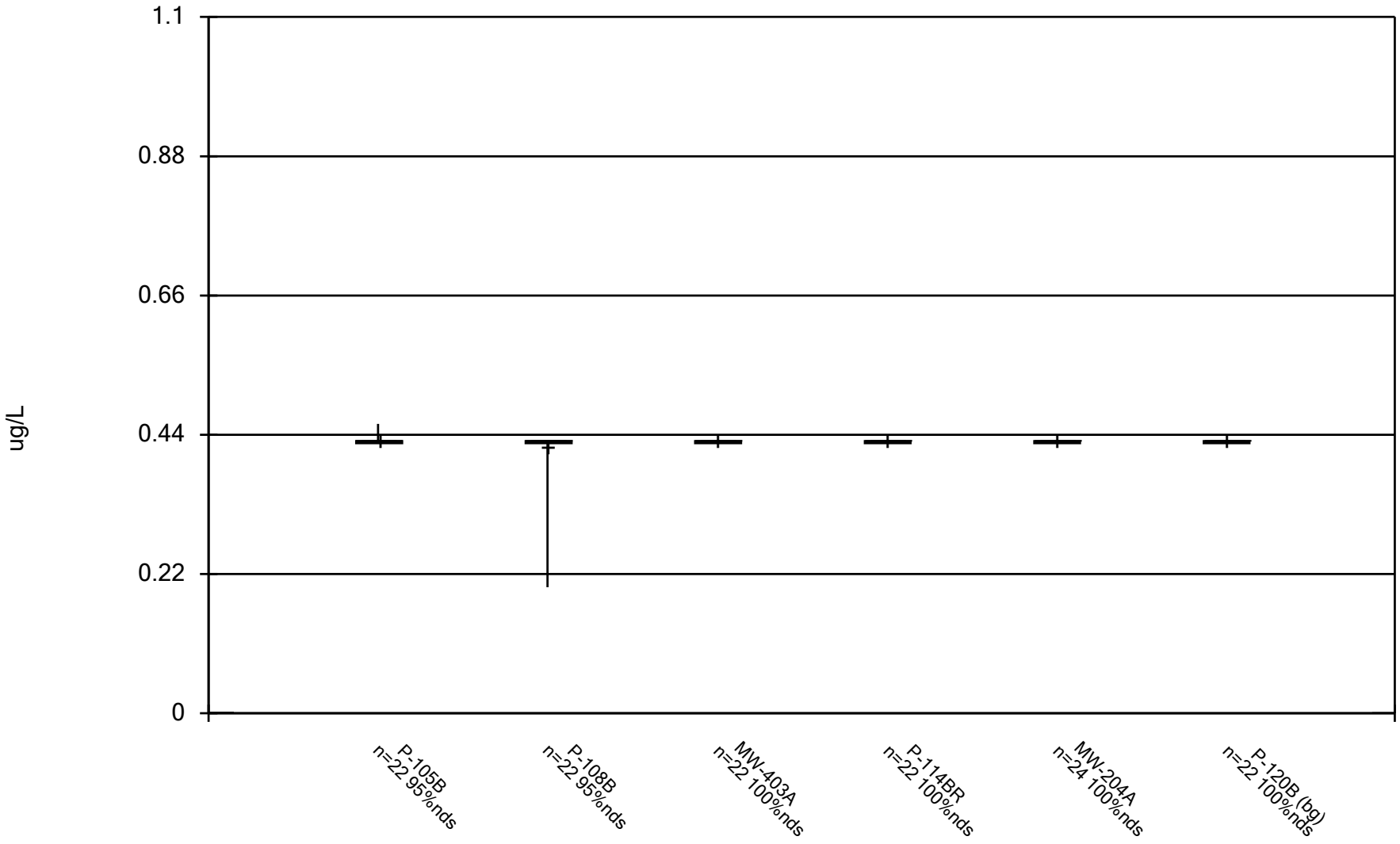

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DMASWA Data: DMASWA Database_Updated

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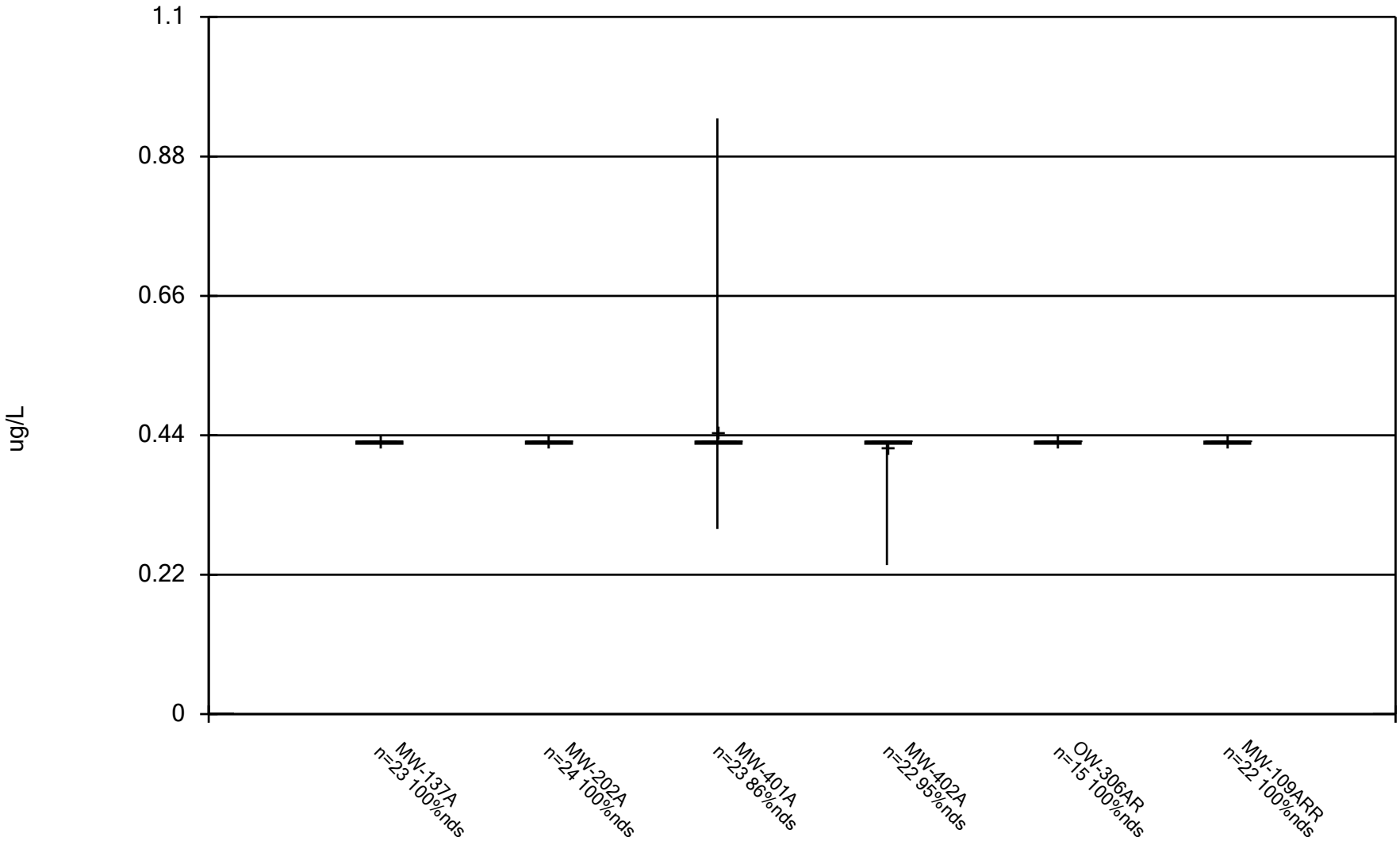

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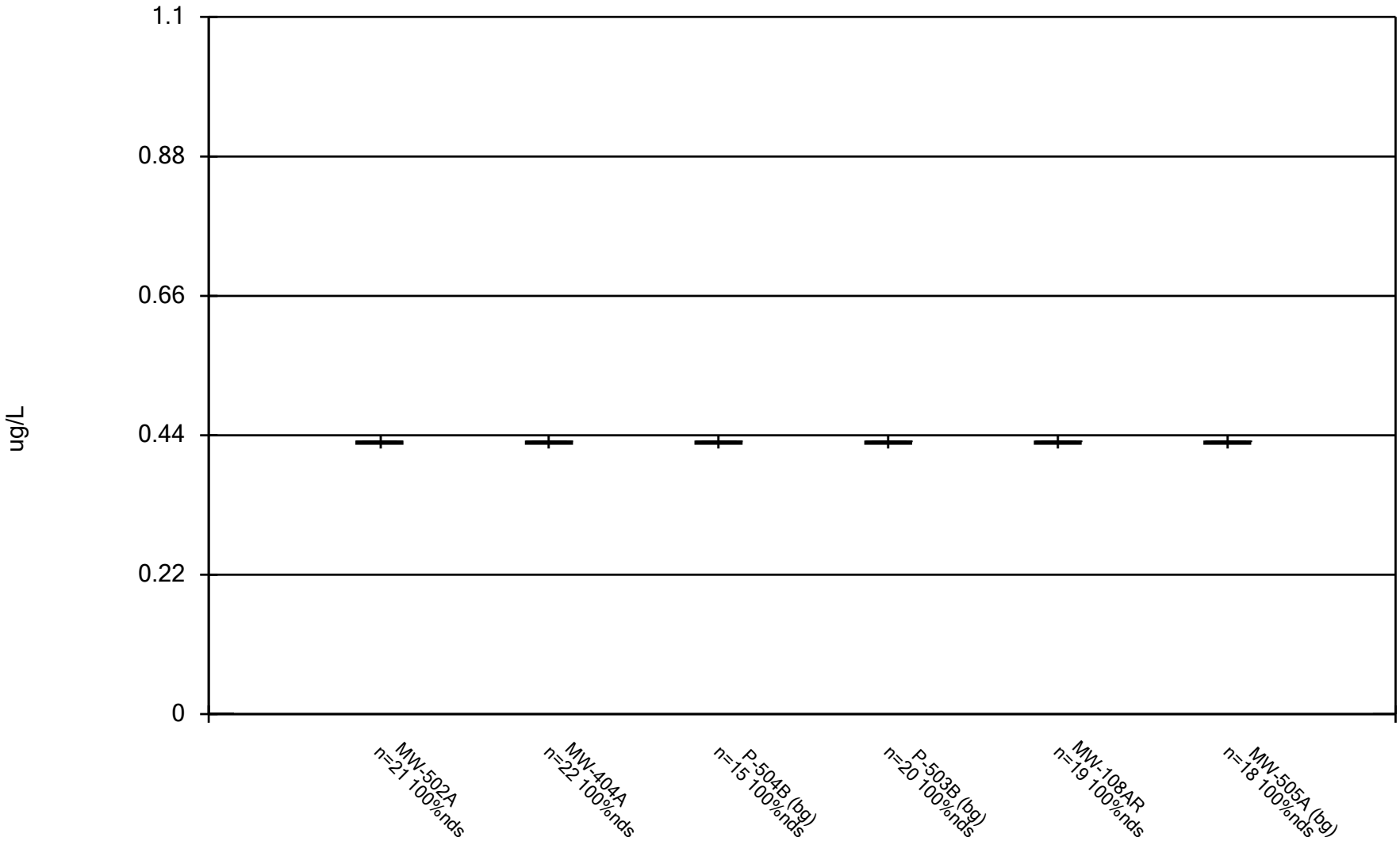
Box & Whiskers Plot



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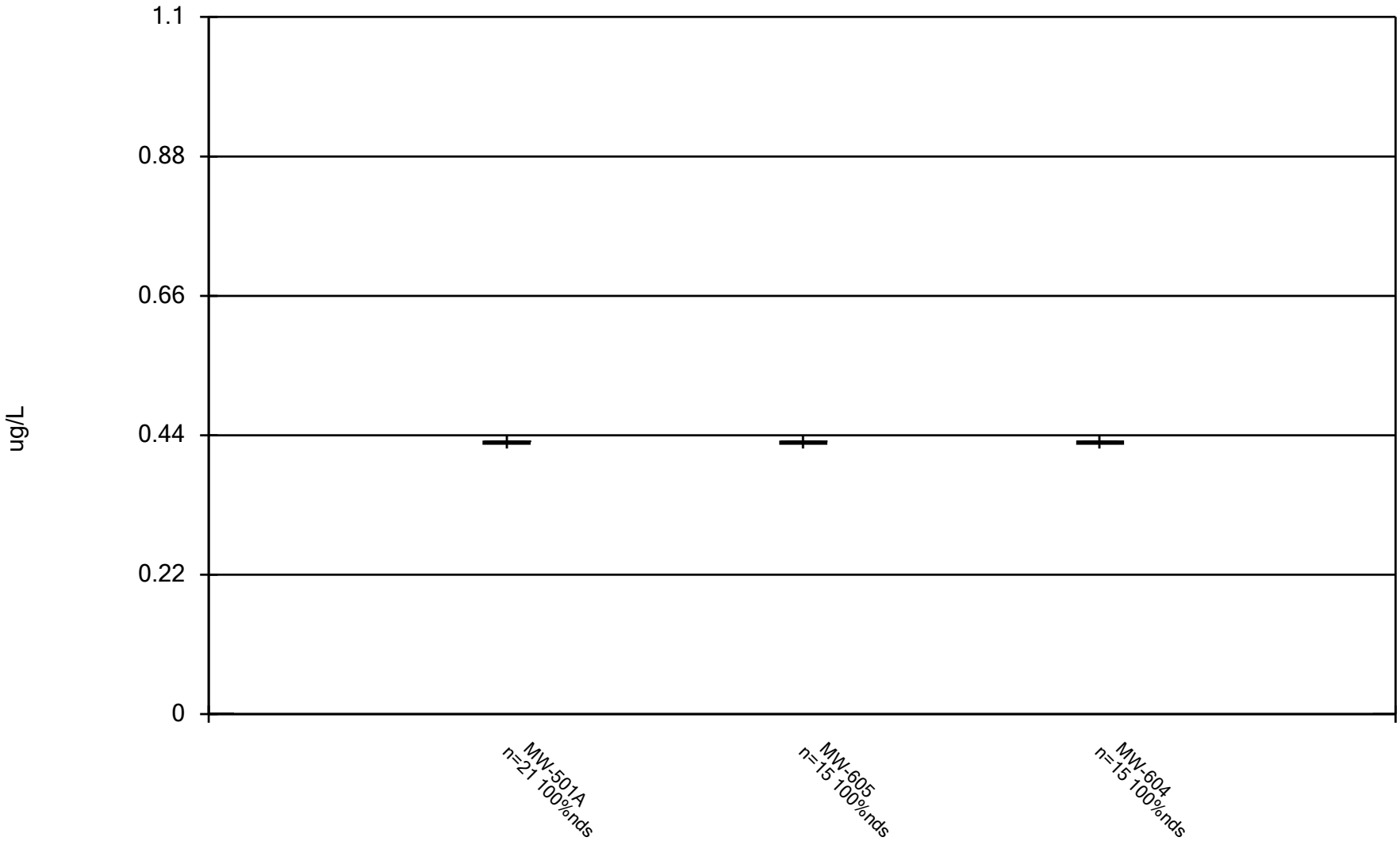
Box & Whiskers Plot



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DMASWA Data: DMASWA Database_Updated

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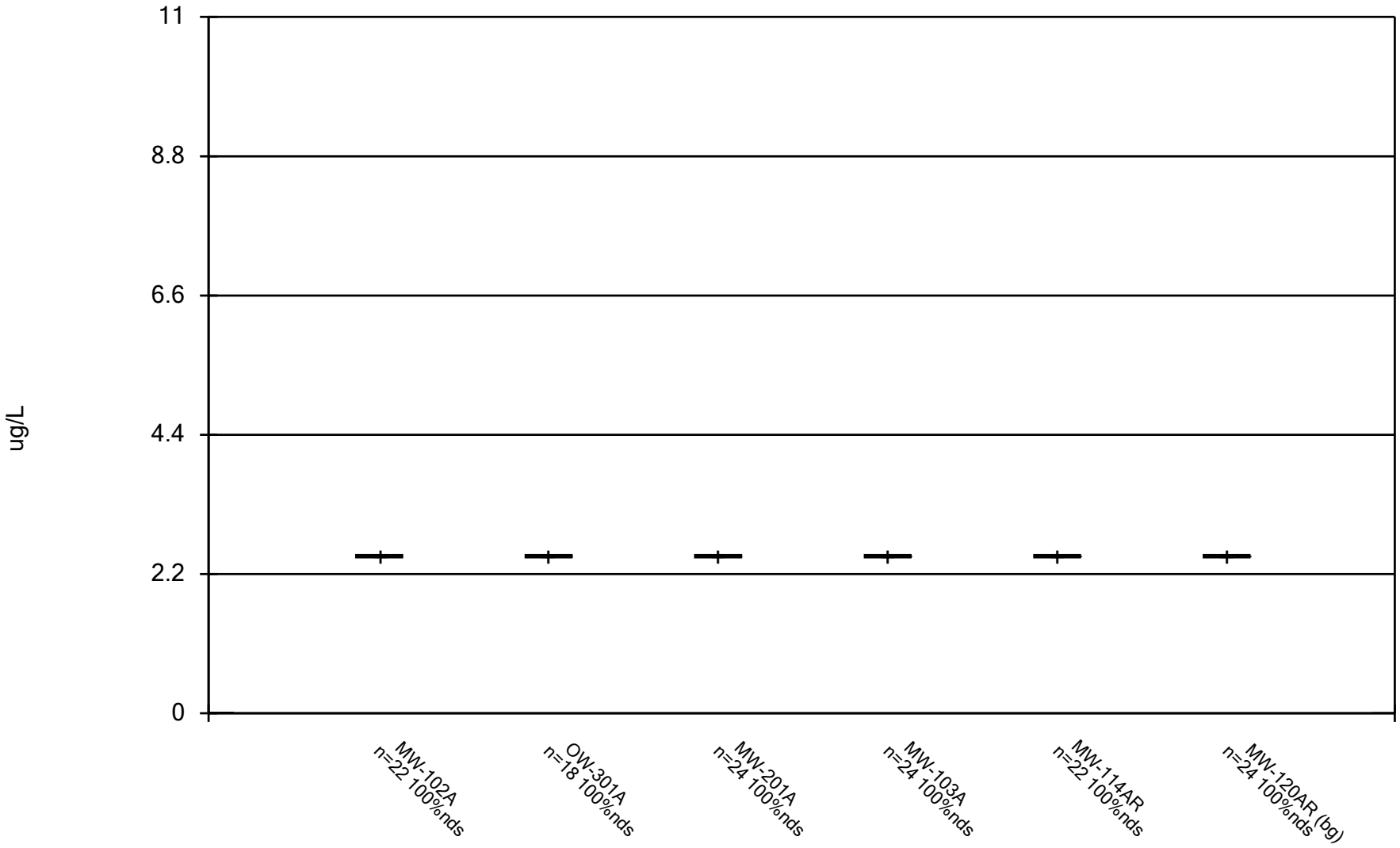
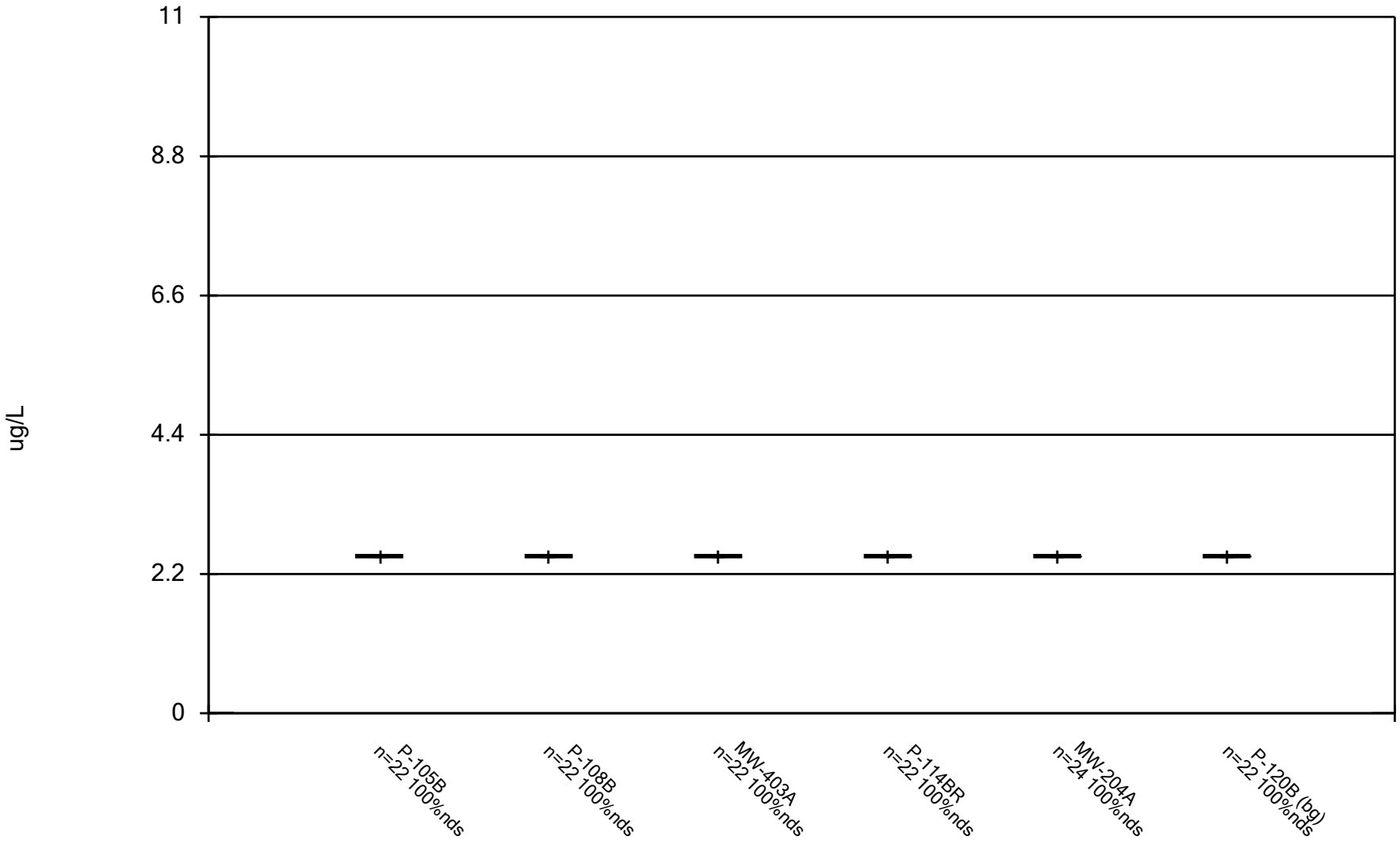
Box & Whiskers Plot



Constituent: Vinyl Acetate Analysis Run 6/12/2025 2:19 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG

Box & Whiskers Plot



Constituent: Vinyl Acetate Analysis Run 6/12/2025 2:19 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

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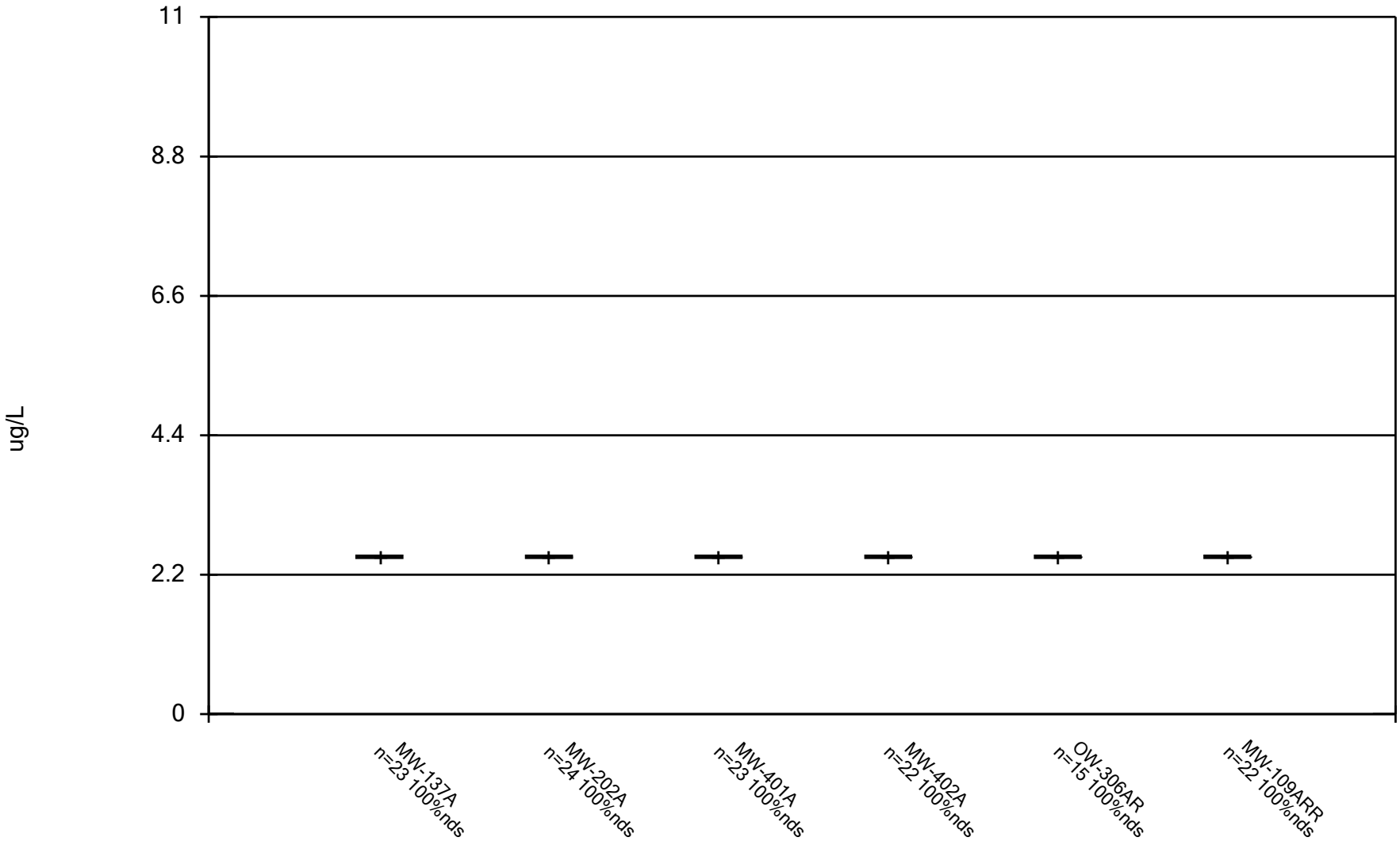
Box & Whiskers Plot



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DMASWA Data: DMASWA Database_Updated

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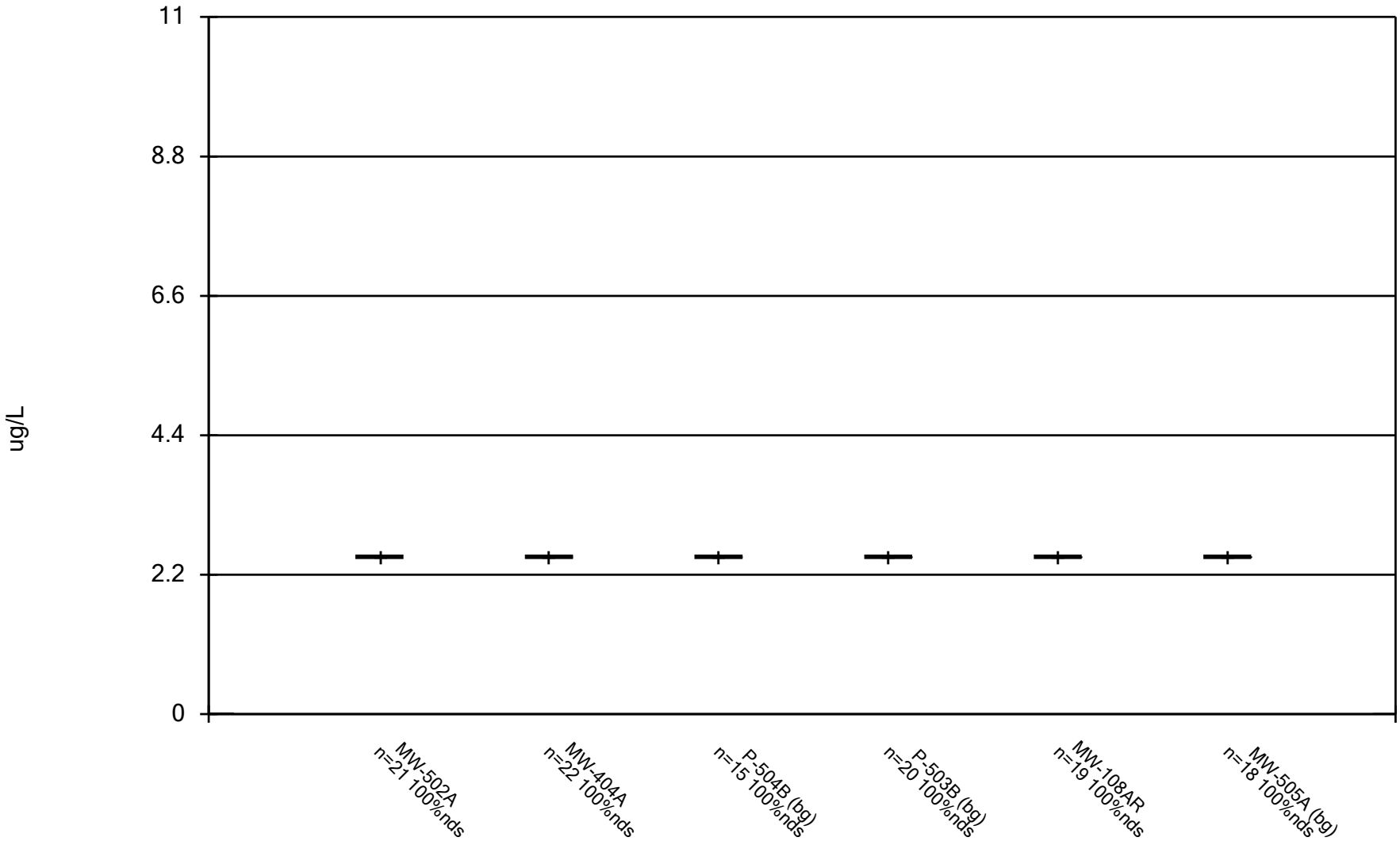
Box & Whiskers Plot



Constituent: Vinyl Acetate Analysis Run 6/12/2025 2:19 PM View: All Wells - Appendix I VOCs
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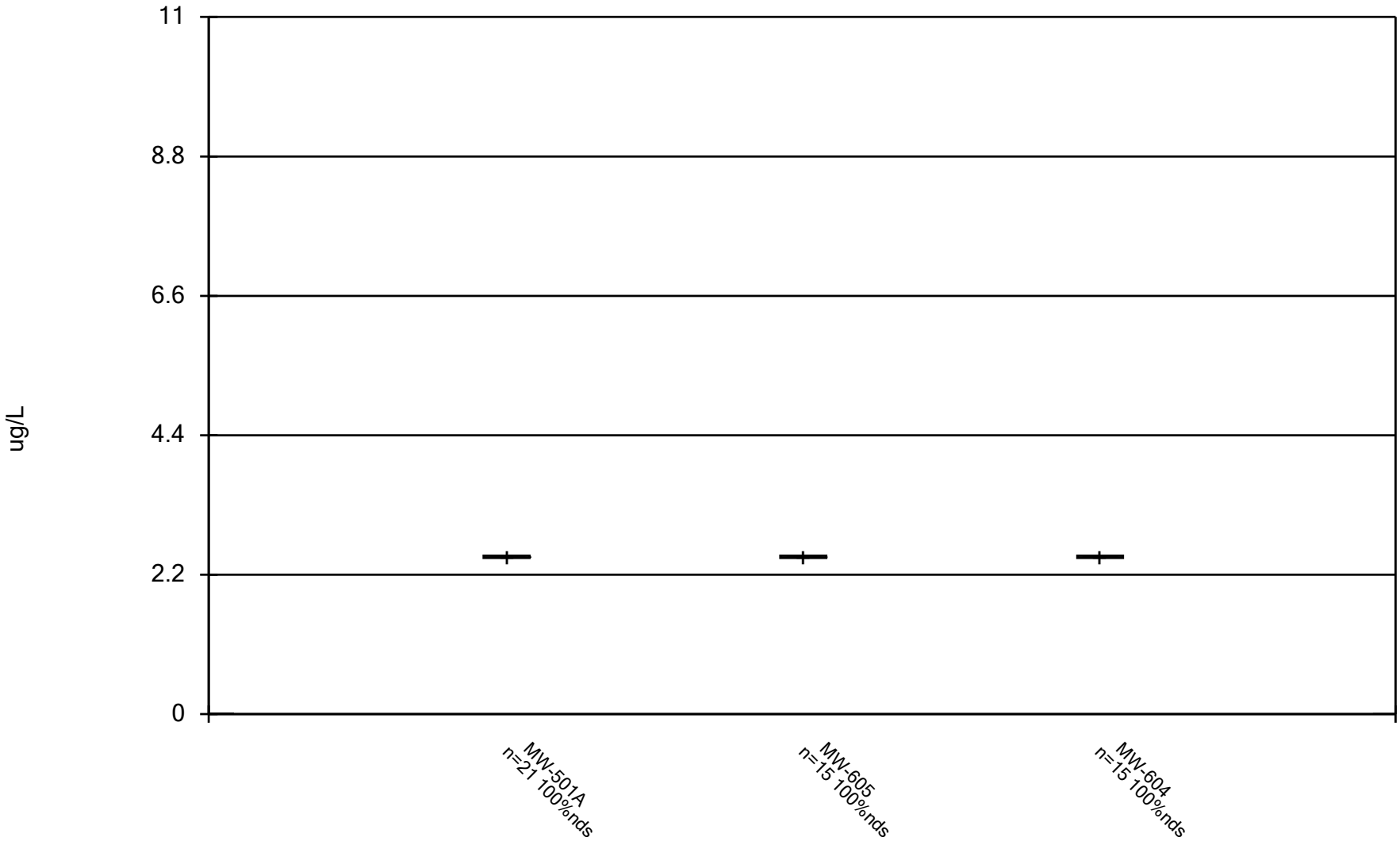
Box & Whiskers Plot



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DMASWA Data: DMASWA Database_Updated

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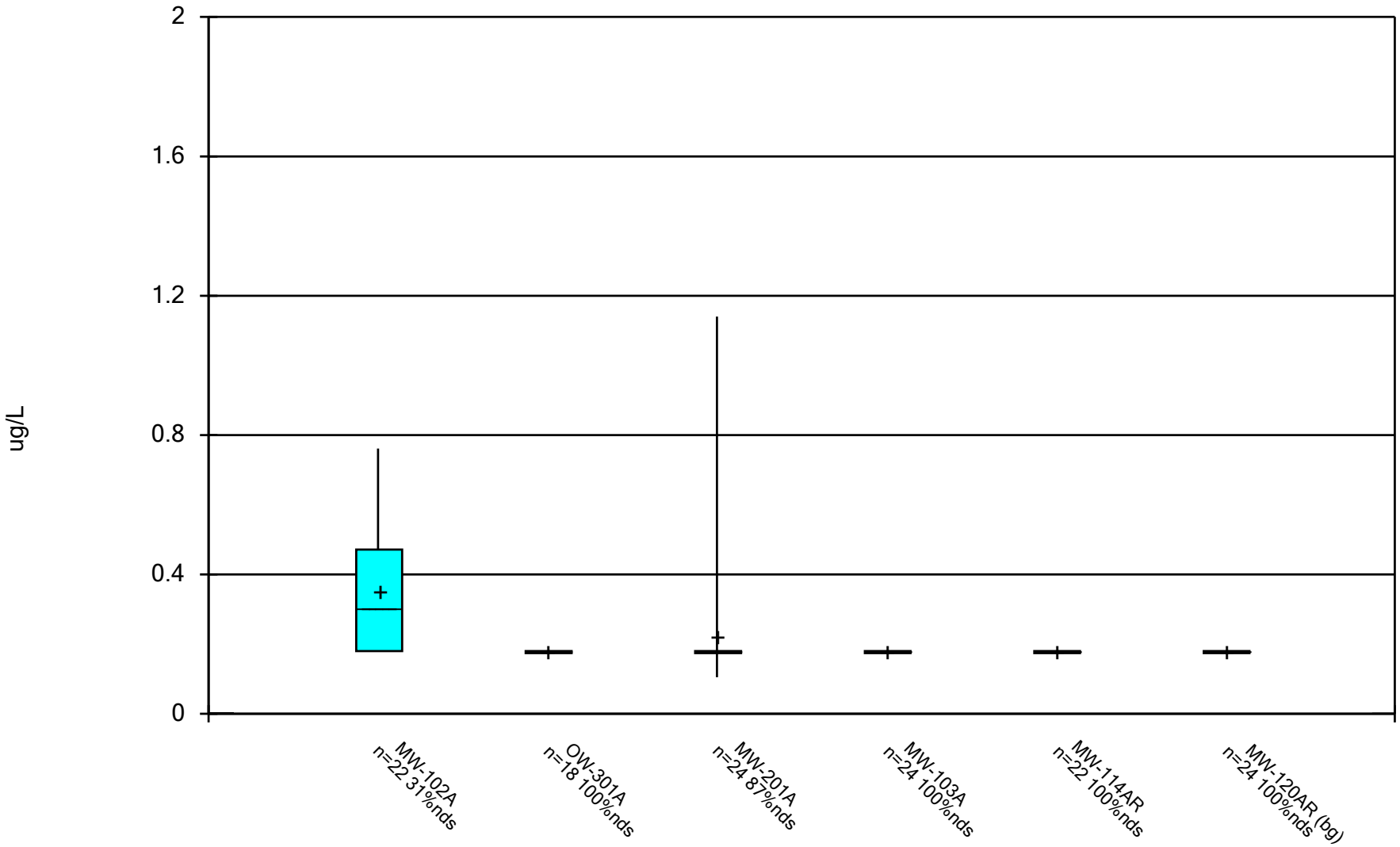
Box & Whiskers Plot



Constituent: Vinyl chloride Analysis Run 6/12/2025 2:19 PM View: All Wells - Appendix I VOCs

DMASWA Data: DMASWA Database_Updated

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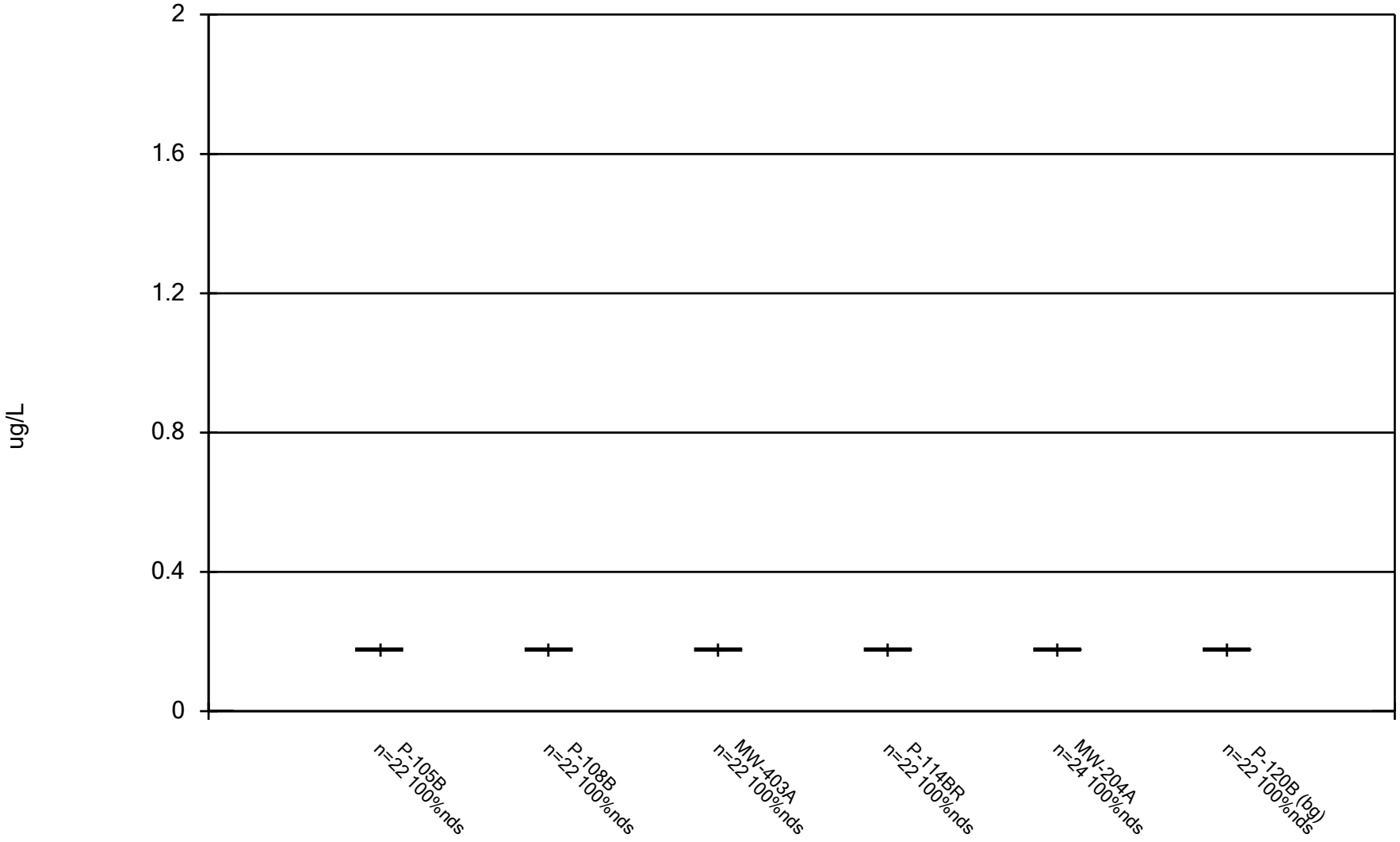
Box & Whiskers Plot



Constituent: Vinyl chloride Analysis Run 6/12/2025 2:19 PM View: All Wells - Appendix I VOCs

DMASWA Data: DMASWA Database_Updated

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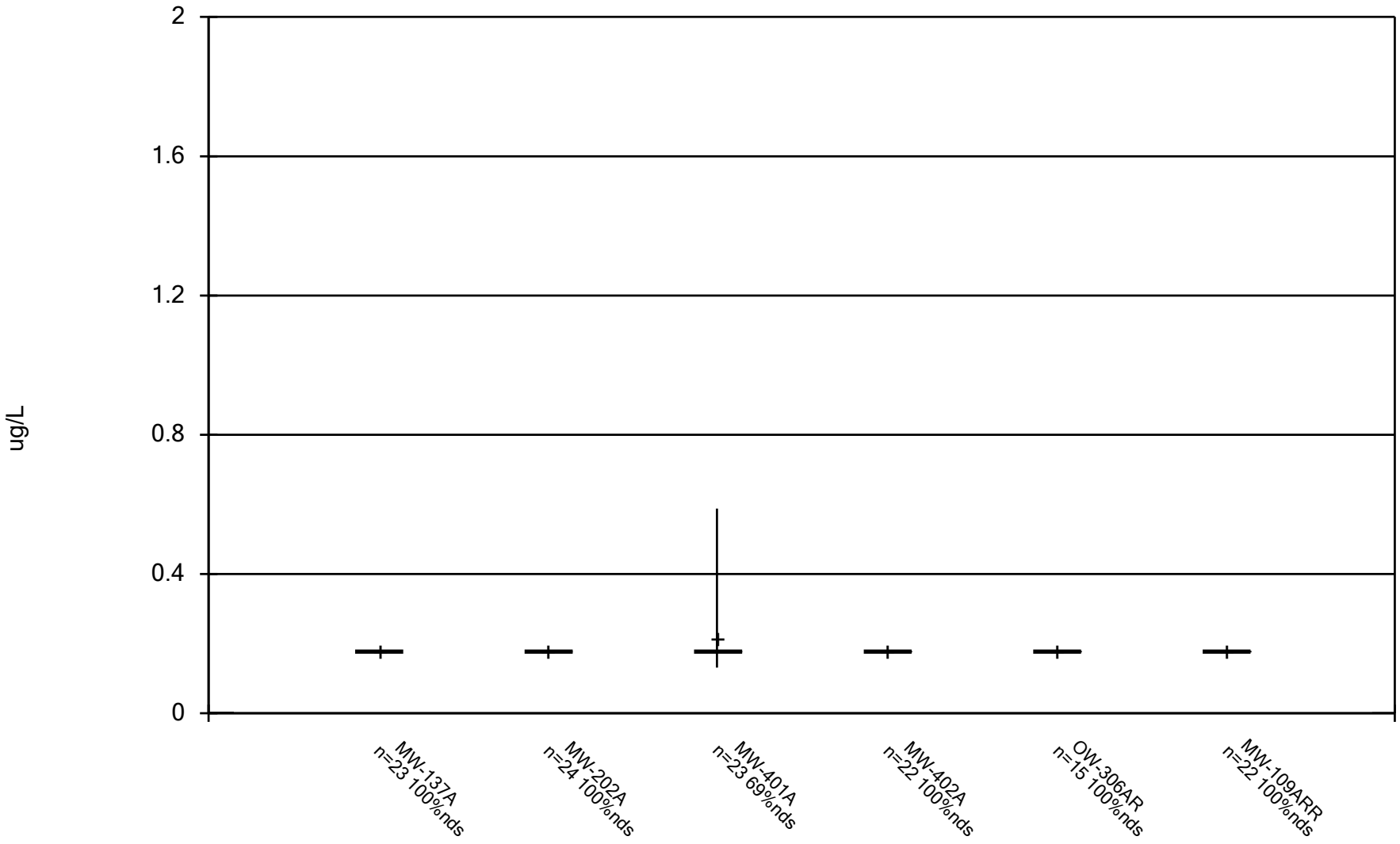
Box & Whiskers Plot



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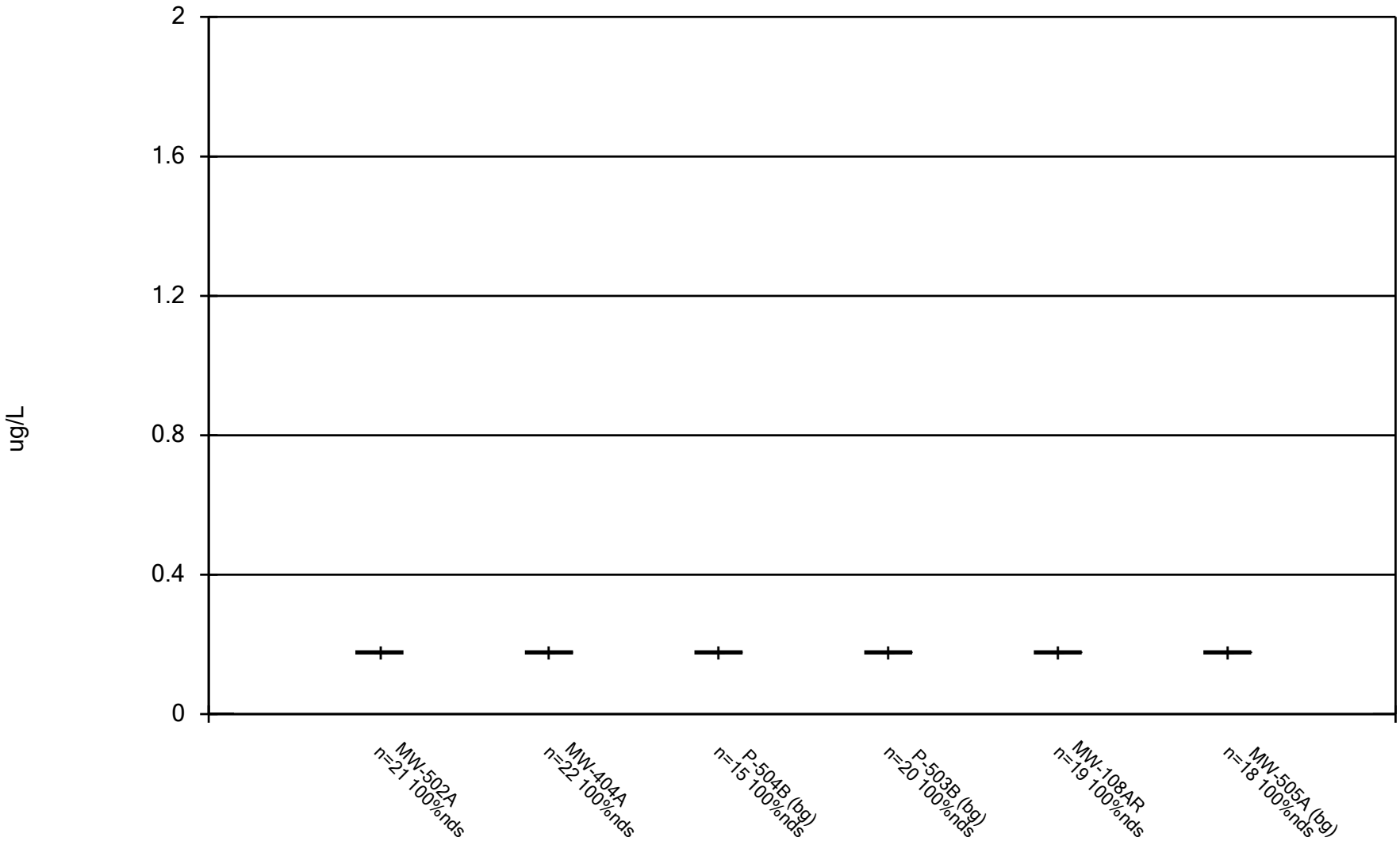
Box & Whiskers Plot



Constituent: Vinyl chloride Analysis Run 6/12/2025 2:19 PM View: All Wells - Appendix I VOCs

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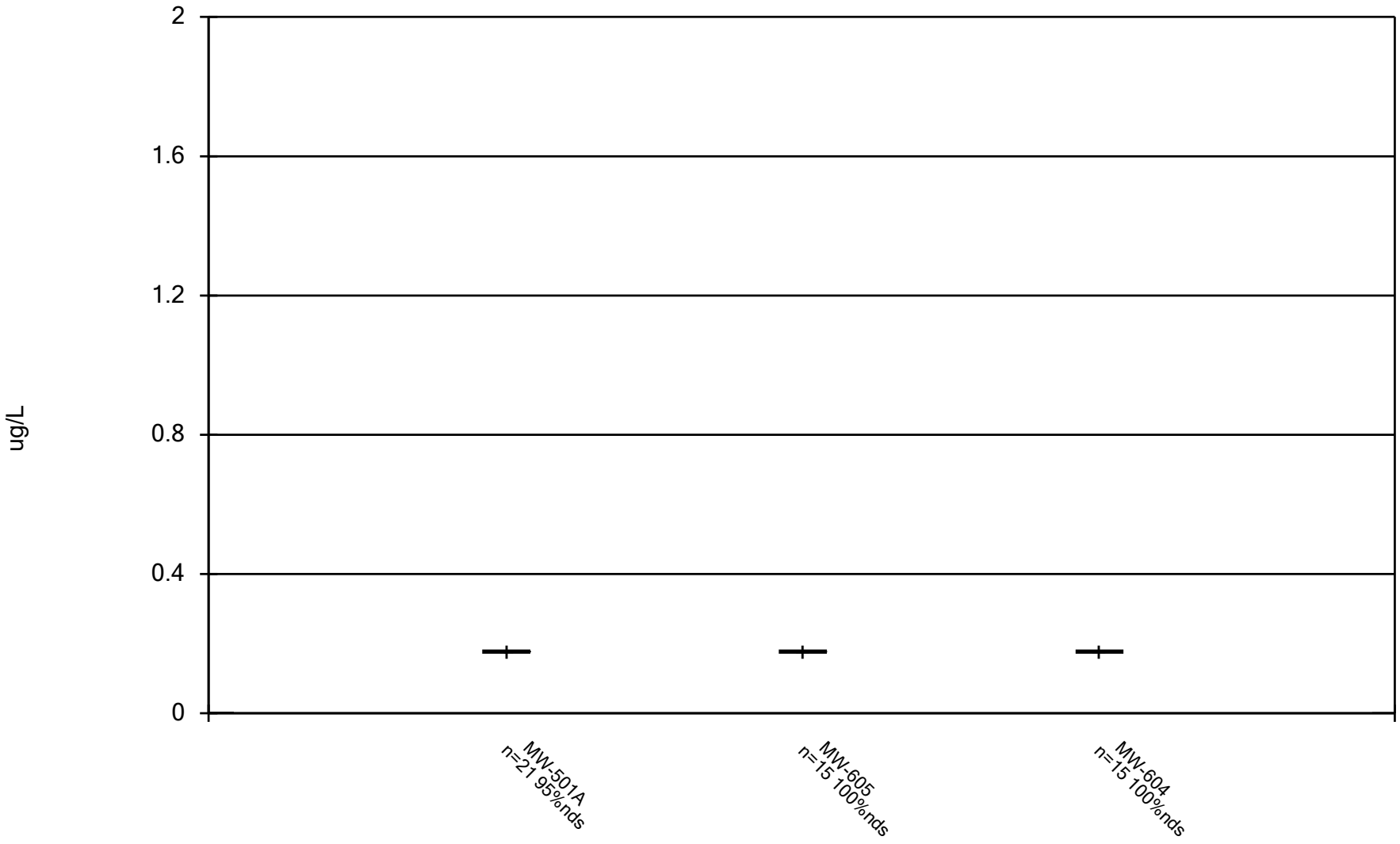
Box & Whiskers Plot



Constituent: Vinyl chloride Analysis Run 6/12/2025 2:19 PM View: All Wells - Appendix I VOCs

DMASWA Data: DMASWA Database_Updated

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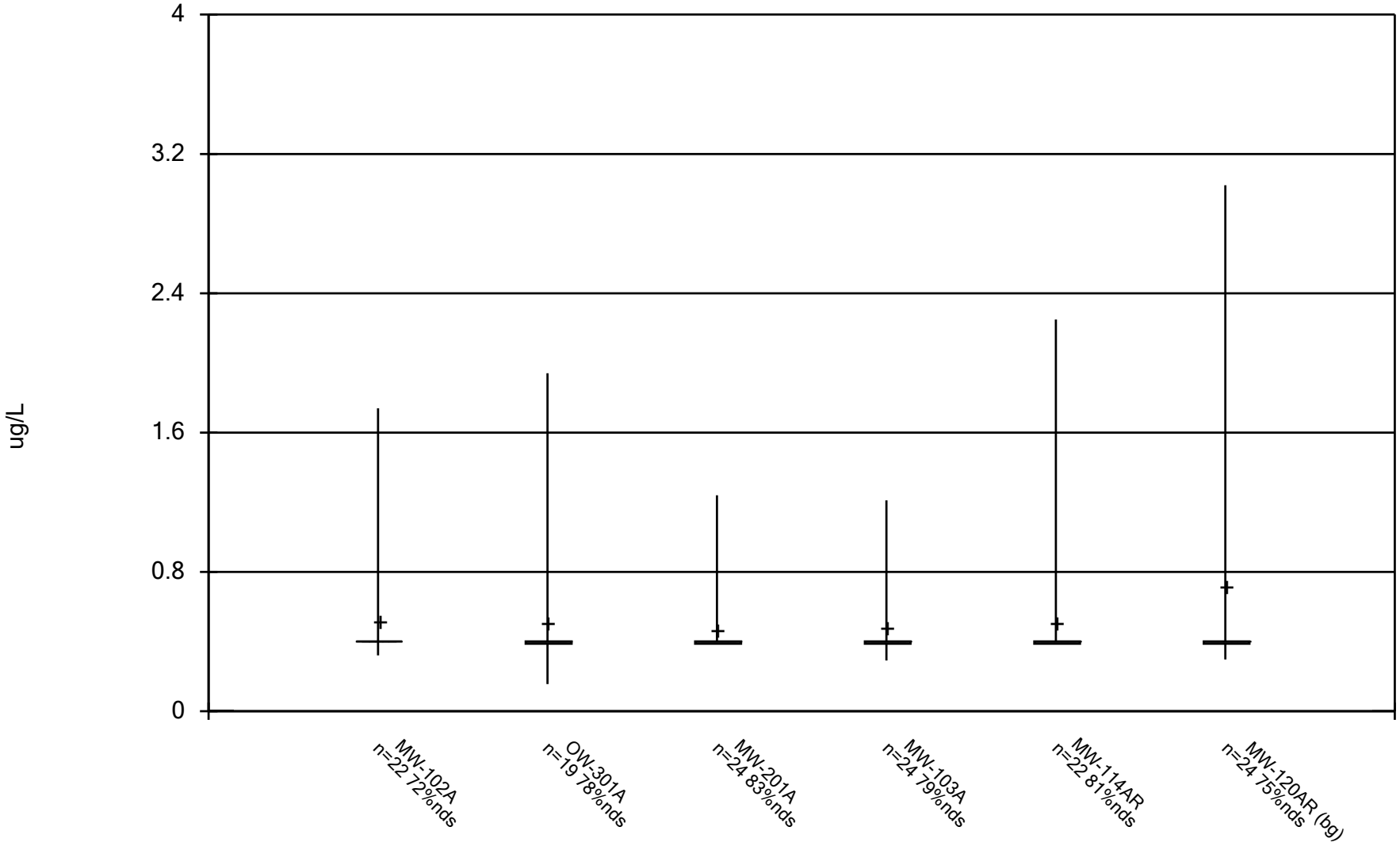
Box & Whiskers Plot



Constituent: Xylenes, Total Analysis Run 6/12/2025 2:19 PM View: All Wells - Appendix I VOCs

DMASWA Data: DMASWA Database_Updated

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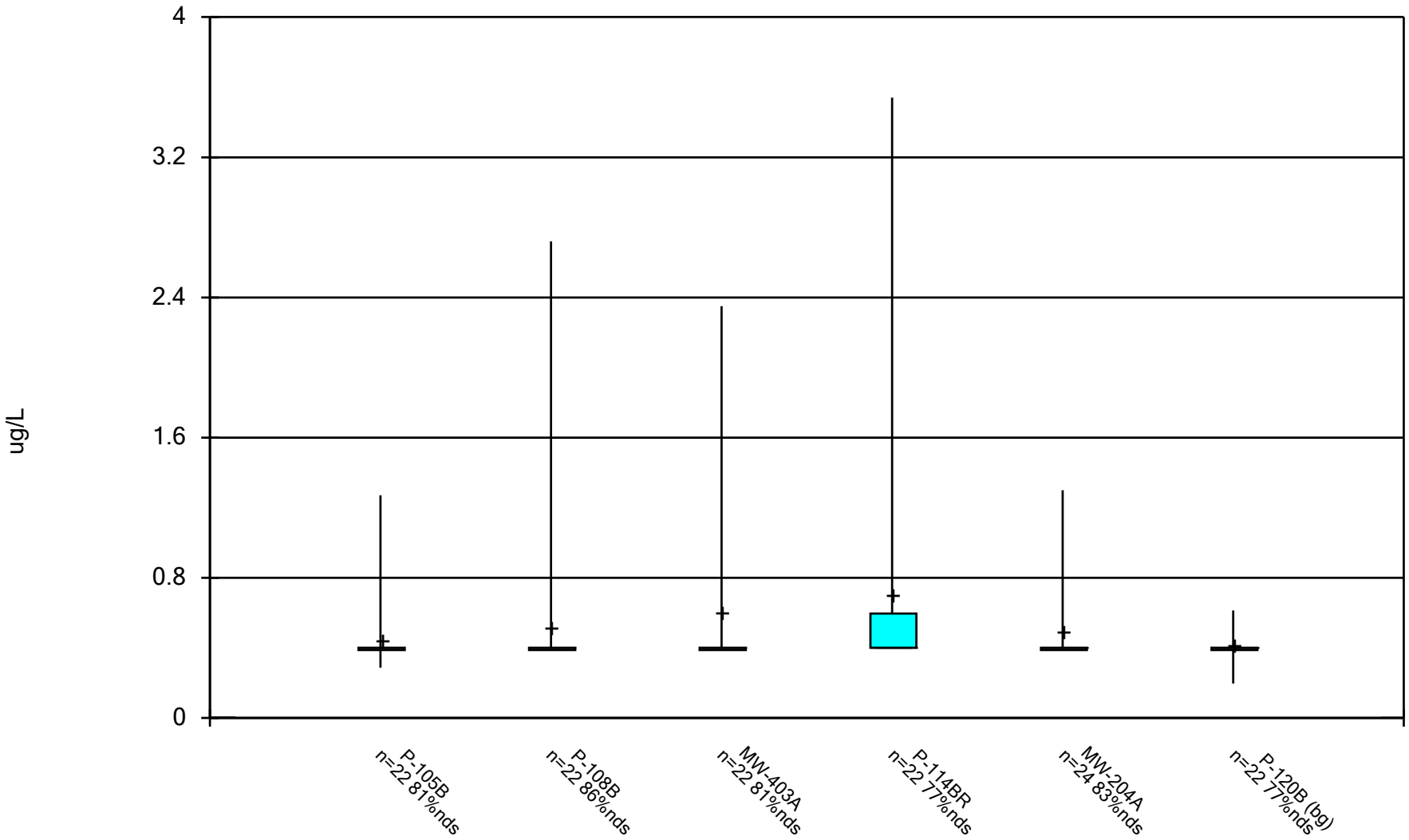
Box & Whiskers Plot



Constituent: Xylenes, Total Analysis Run 6/12/2025 2:19 PM View: All Wells - Appendix I VOCs

DMASWA Data: DMASWA Database_Updated

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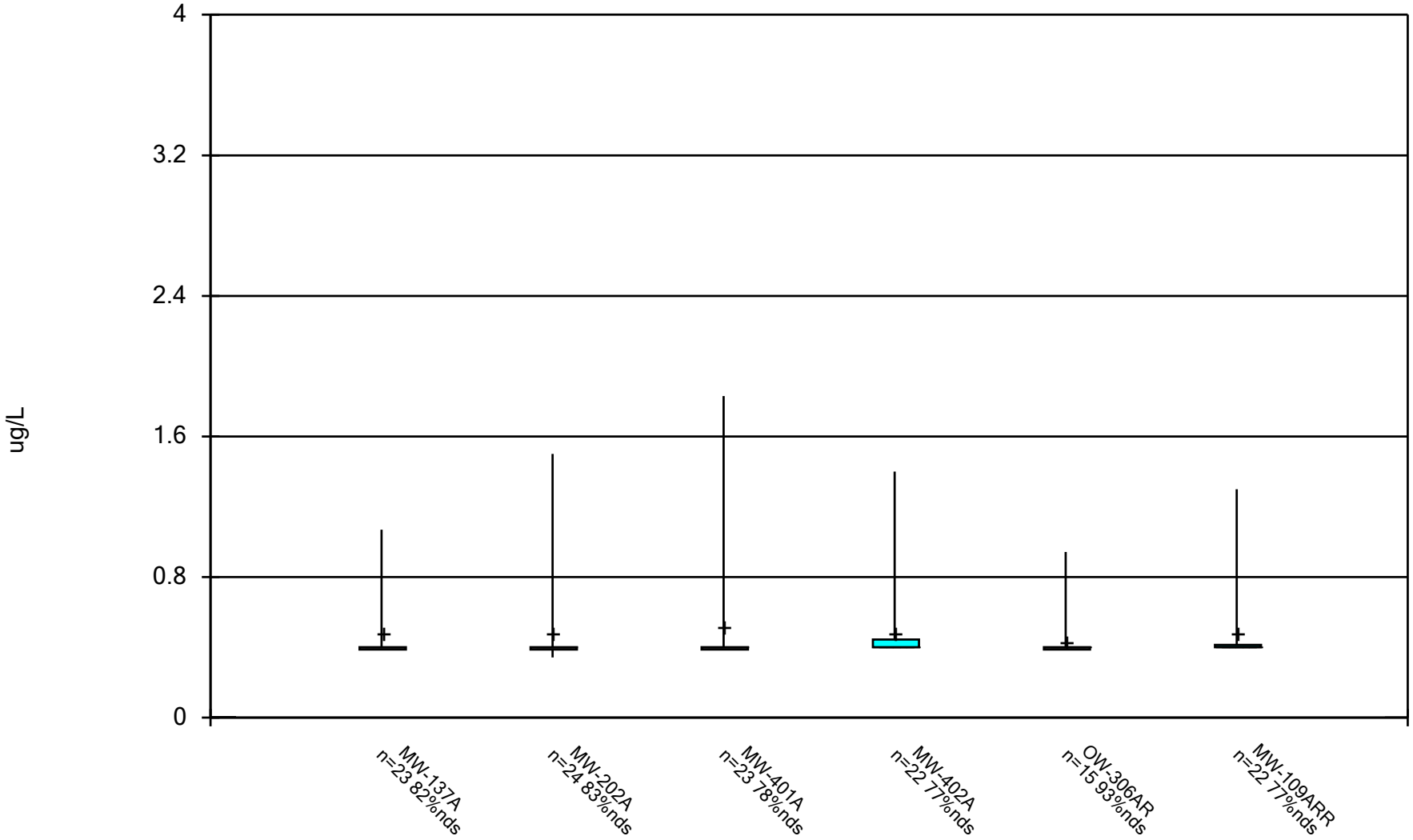
Box & Whiskers Plot



Constituent: Xylenes, Total Analysis Run 6/12/2025 2:19 PM View: All Wells - Appendix I VOCs

DMASWA Data: DMASWA Database_Updated

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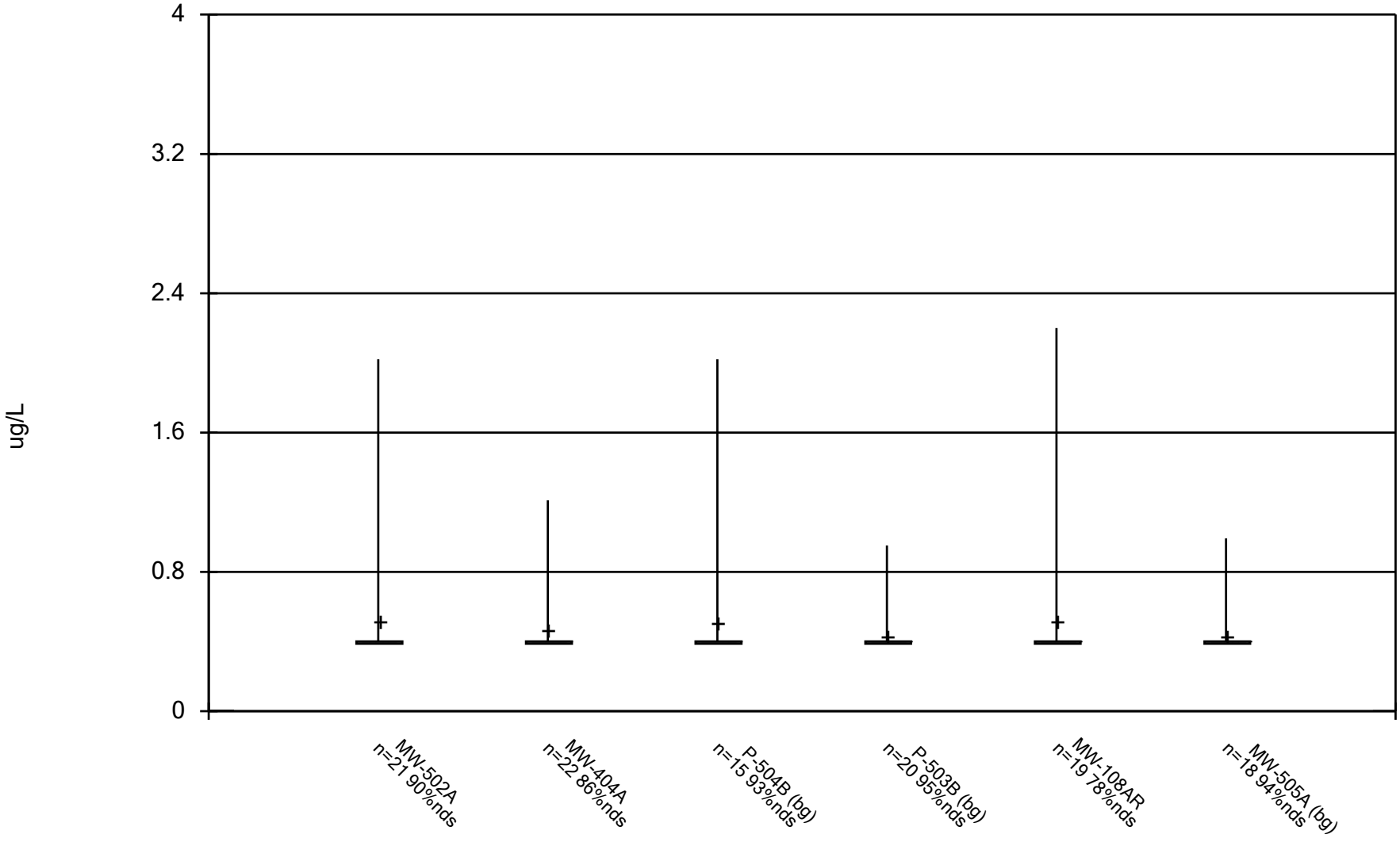
Box & Whiskers Plot



Constituent: Xylenes, Total Analysis Run 6/12/2025 2:19 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

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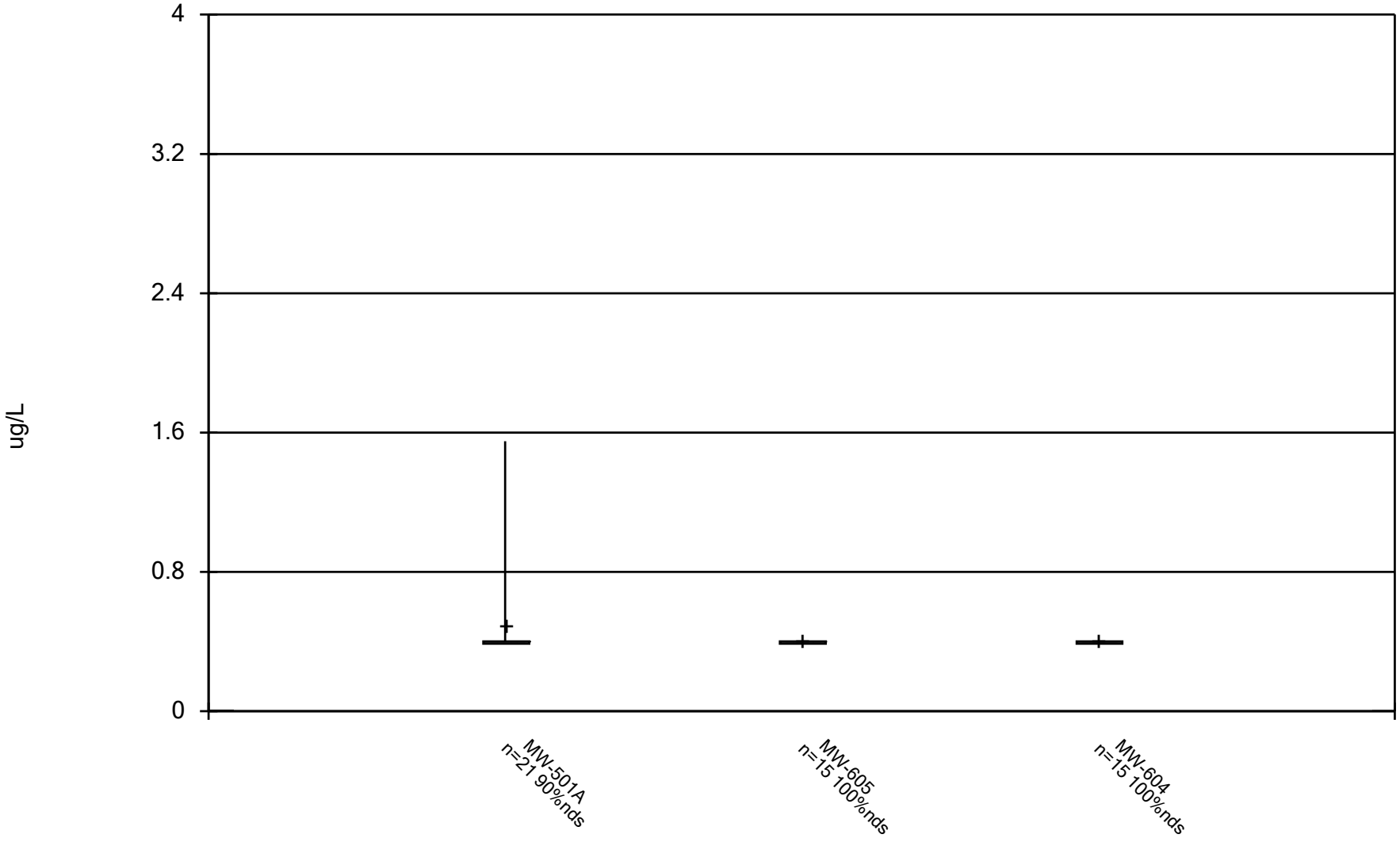
Box & Whiskers Plot



Constituent: Xylenes, Total Analysis Run 6/12/2025 2:19 PM View: All Wells - Appendix I VOCs

DMASWA Data: DMASWA Database_Updated

Box & Whiskers Plot

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 2:20 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Min.	Max.	%NDs
1,1,1-Trichloroethane (ug/L)	MW-102A	22	0.19	0	0	0.19	0.19	0.19	100
1,1,1-Trichloroethane (ug/L)	OW-301A	19	0.19	0	0	0.19	0.19	0.19	100
1,1,1-Trichloroethane (ug/L)	MW-201A	24	0.19	0	0	0.19	0.19	0.19	100
1,1,1-Trichloroethane (ug/L)	MW-103A	24	0.19	0	0	0.19	0.19	0.19	100
1,1,1-Trichloroethane (ug/L)	MW-114AR	22	0.19	0	0	0.19	0.19	0.19	100
1,1,1-Trichloroethane (ug/L)	MW-120AR (bg)	24	0.19	0	0	0.19	0.19	0.19	100
1,1,1-Trichloroethane (ug/L)	P-105B	22	0.19	0	0	0.19	0.19	0.19	100
1,1,1-Trichloroethane (ug/L)	P-108B	22	0.19	0	0	0.19	0.19	0.19	100
1,1,1-Trichloroethane (ug/L)	MW-403A	22	0.19	0	0	0.19	0.19	0.19	100
1,1,1-Trichloroethane (ug/L)	P-114BR	22	0.19	0	0	0.19	0.19	0.19	100
1,1,1-Trichloroethane (ug/L)	MW-204A	24	0.19	0	0	0.19	0.19	0.19	100
1,1,1-Trichloroethane (ug/L)	P-120B (bg)	22	0.19	0	0	0.19	0.19	0.19	100
1,1,1-Trichloroethane (ug/L)	MW-137A	23	0.19	0	0	0.19	0.19	0.19	100
1,1,1-Trichloroethane (ug/L)	MW-202A	24	0.19	0	0	0.19	0.19	0.19	100
1,1,1-Trichloroethane (ug/L)	MW-401A	23	0.19	0	0	0.19	0.19	0.19	100
1,1,1-Trichloroethane (ug/L)	MW-402A	22	0.19	0	0	0.19	0.19	0.19	100
1,1,1-Trichloroethane (ug/L)	OW-306AR	15	0.19	0	0	0.19	0.19	0.19	100
1,1,1-Trichloroethane (ug/L)	MW-109ARR	22	0.19	0	0	0.19	0.19	0.19	100
1,1,1-Trichloroethane (ug/L)	MW-502A	21	0.19	0	0	0.19	0.19	0.19	100
1,1,1-Trichloroethane (ug/L)	MW-404A	22	0.19	0	0	0.19	0.19	0.19	100
1,1,1-Trichloroethane (ug/L)	P-504B (bg)	15	0.19	0	0	0.19	0.19	0.19	100
1,1,1-Trichloroethane (ug/L)	P-503B (bg)	20	0.19	0	0	0.19	0.19	0.19	100
1,1,1-Trichloroethane (ug/L)	MW-108AR	19	0.19	0	0	0.19	0.19	0.19	100
1,1,1-Trichloroethane (ug/L)	MW-505A (bg)	18	0.19	0	0	0.19	0.19	0.19	100
1,1,1-Trichloroethane (ug/L)	MW-501A	21	0.19	0	0	0.19	0.19	0.19	100
1,1,1-Trichloroethane (ug/L)	MW-605	15	0.19	0	0	0.19	0.19	0.19	100
1,1,1-Trichloroethane (ug/L)	MW-604	15	0.19	0	0	0.19	0.19	0.19	100
1,1,2,2-Tetrachloroethane (ug/L)	MW-102A	22	0.47	0	0	0.47	0.47	0.47	100
1,1,2,2-Tetrachloroethane (ug/L)	OW-301A	19	0.47	0	0	0.47	0.47	0.47	100
1,1,2,2-Tetrachloroethane (ug/L)	MW-201A	24	0.47	0	0	0.47	0.47	0.47	100
1,1,2,2-Tetrachloroethane (ug/L)	MW-103A	24	0.47	0	0	0.47	0.47	0.47	100
1,1,2,2-Tetrachloroethane (ug/L)	MW-114AR	22	0.47	0	0	0.47	0.47	0.47	100
1,1,2,2-Tetrachloroethane (ug/L)	MW-120AR (bg)	24	0.47	0	0	0.47	0.47	0.47	100
1,1,2,2-Tetrachloroethane (ug/L)	P-105B	22	0.47	0	0	0.47	0.47	0.47	100
1,1,2,2-Tetrachloroethane (ug/L)	P-108B	22	0.47	0	0	0.47	0.47	0.47	100
1,1,2,2-Tetrachloroethane (ug/L)	MW-403A	22	0.47	0	0	0.47	0.47	0.47	100
1,1,2,2-Tetrachloroethane (ug/L)	P-114BR	22	0.47	0	0	0.47	0.47	0.47	100
1,1,2,2-Tetrachloroethane (ug/L)	MW-204A	24	0.47	0	0	0.47	0.47	0.47	100
1,1,2,2-Tetrachloroethane (ug/L)	P-120B (bg)	22	0.47	0	0	0.47	0.47	0.47	100
1,1,2,2-Tetrachloroethane (ug/L)	MW-137A	23	0.47	0	0	0.47	0.47	0.47	100
1,1,2,2-Tetrachloroethane (ug/L)	MW-202A	24	0.47	0	0	0.47	0.47	0.47	100
1,1,2,2-Tetrachloroethane (ug/L)	MW-401A	23	0.47	0	0	0.47	0.47	0.47	100
1,1,2,2-Tetrachloroethane (ug/L)	MW-402A	22	0.47	0	0	0.47	0.47	0.47	100
1,1,2,2-Tetrachloroethane (ug/L)	OW-306AR	15	0.47	0	0	0.47	0.47	0.47	100
1,1,2,2-Tetrachloroethane (ug/L)	MW-109ARR	22	0.47	0	0	0.47	0.47	0.47	100
1,1,2,2-Tetrachloroethane (ug/L)	MW-502A	21	0.47	0	0	0.47	0.47	0.47	100
1,1,2,2-Tetrachloroethane (ug/L)	MW-404A	22	0.47	0	0	0.47	0.47	0.47	100
1,1,2,2-Tetrachloroethane (ug/L)	P-504B (bg)	15	0.47	0	0	0.47	0.47	0.47	100
1,1,2,2-Tetrachloroethane (ug/L)	P-503B (bg)	20	0.47	0	0	0.47	0.47	0.47	100
1,1,2,2-Tetrachloroethane (ug/L)	MW-108AR	19	0.47	0	0	0.47	0.47	0.47	100

Box & Whiskers Plot

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 2:20 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Min.	Max.	%NDs
1,1,2,2-Tetrachloroethane (ug/L)	MW-505A (bg)	18	0.47	0	0	0.47	0.47	0.47	100
1,1,2,2-Tetrachloroethane (ug/L)	MW-501A	21	0.47	0	0	0.47	0.47	0.47	100
1,1,2,2-Tetrachloroethane (ug/L)	MW-605	15	0.47	0	0	0.47	0.47	0.47	100
1,1,2,2-Tetrachloroethane (ug/L)	MW-604	15	0.47	0	0	0.47	0.47	0.47	100
1,1,2-Trichloroethane (ug/L)	MW-102A	22	0.45	0	0	0.45	0.45	0.45	100
1,1,2-Trichloroethane (ug/L)	OW-301A	18	0.45	0	0	0.45	0.45	0.45	100
1,1,2-Trichloroethane (ug/L)	MW-201A	24	0.45	0	0	0.45	0.45	0.45	100
1,1,2-Trichloroethane (ug/L)	MW-103A	24	0.45	0	0	0.45	0.45	0.45	100
1,1,2-Trichloroethane (ug/L)	MW-114AR	22	0.45	0	0	0.45	0.45	0.45	100
1,1,2-Trichloroethane (ug/L)	MW-120AR (bg)	24	0.45	0	0	0.45	0.45	0.45	100
1,1,2-Trichloroethane (ug/L)	P-105B	22	0.45	0	0	0.45	0.45	0.45	100
1,1,2-Trichloroethane (ug/L)	P-108B	22	0.45	0	0	0.45	0.45	0.45	100
1,1,2-Trichloroethane (ug/L)	MW-403A	22	0.45	0	0	0.45	0.45	0.45	100
1,1,2-Trichloroethane (ug/L)	P-114BR	22	0.45	0	0	0.45	0.45	0.45	100
1,1,2-Trichloroethane (ug/L)	MW-204A	24	0.45	0	0	0.45	0.45	0.45	100
1,1,2-Trichloroethane (ug/L)	P-120B (bg)	22	0.45	0	0	0.45	0.45	0.45	100
1,1,2-Trichloroethane (ug/L)	MW-137A	23	0.45	0	0	0.45	0.45	0.45	100
1,1,2-Trichloroethane (ug/L)	MW-202A	24	0.45	0	0	0.45	0.45	0.45	100
1,1,2-Trichloroethane (ug/L)	MW-401A	23	0.45	0	0	0.45	0.45	0.45	100
1,1,2-Trichloroethane (ug/L)	MW-402A	22	0.45	0	0	0.45	0.45	0.45	100
1,1,2-Trichloroethane (ug/L)	OW-306AR	15	0.45	0	0	0.45	0.45	0.45	100
1,1,2-Trichloroethane (ug/L)	MW-109ARR	22	0.45	0	0	0.45	0.45	0.45	100
1,1,2-Trichloroethane (ug/L)	MW-502A	21	0.45	0	0	0.45	0.45	0.45	100
1,1,2-Trichloroethane (ug/L)	MW-404A	22	0.45	0	0	0.45	0.45	0.45	100
1,1,2-Trichloroethane (ug/L)	P-504B (bg)	15	0.45	0	0	0.45	0.45	0.45	100
1,1,2-Trichloroethane (ug/L)	P-503B (bg)	20	0.45	0	0	0.45	0.45	0.45	100
1,1,2-Trichloroethane (ug/L)	MW-108AR	19	0.45	0	0	0.45	0.45	0.45	100
1,1,2-Trichloroethane (ug/L)	MW-505A (bg)	18	0.45	0	0	0.45	0.45	0.45	100
1,1,2-Trichloroethane (ug/L)	MW-501A	21	0.45	0	0	0.45	0.45	0.45	100
1,1,2-Trichloroethane (ug/L)	MW-605	15	0.45	0	0	0.45	0.45	0.45	100
1,1,2-Trichloroethane (ug/L)	MW-604	15	0.45	0	0	0.45	0.45	0.45	100
1,1-Dichloroethane (ug/L)	MW-102A	22	0.22	0	0	0.22	0.22	0.22	100
1,1-Dichloroethane (ug/L)	OW-301A	19	0.5587	0.351	0.08052	0.462	0.22	1.37	21.05
1,1-Dichloroethane (ug/L)	MW-201A	24	1.441	0.4094	0.08356	1.5	0.637	2.27	0
1,1-Dichloroethane (ug/L)	MW-103A	24	0.22	0	0	0.22	0.22	0.22	100
1,1-Dichloroethane (ug/L)	MW-114AR	22	0.22	0	0	0.22	0.22	0.22	100
1,1-Dichloroethane (ug/L)	MW-120AR (bg)	24	0.22	0	0	0.22	0.22	0.22	100
1,1-Dichloroethane (ug/L)	P-105B	22	0.22	0	0	0.22	0.22	0.22	100
1,1-Dichloroethane (ug/L)	P-108B	22	0.22	0	0	0.22	0.22	0.22	100
1,1-Dichloroethane (ug/L)	MW-403A	22	0.22	0	0	0.22	0.22	0.22	100
1,1-Dichloroethane (ug/L)	P-114BR	22	0.22	0	0	0.22	0.22	0.22	100
1,1-Dichloroethane (ug/L)	MW-204A	24	0.22	0	0	0.22	0.22	0.22	100
1,1-Dichloroethane (ug/L)	P-120B (bg)	22	0.22	0	0	0.22	0.22	0.22	100
1,1-Dichloroethane (ug/L)	MW-137A	23	0.22	0	0	0.22	0.22	0.22	100
1,1-Dichloroethane (ug/L)	MW-202A	24	0.22	0	0	0.22	0.22	0.22	100
1,1-Dichloroethane (ug/L)	MW-401A	23	0.287	0.1649	0.03438	0.22	0.22	0.977	73.91
1,1-Dichloroethane (ug/L)	MW-402A	22	0.22	0	0	0.22	0.22	0.22	100
1,1-Dichloroethane (ug/L)	OW-306AR	15	0.22	0	0	0.22	0.22	0.22	100
1,1-Dichloroethane (ug/L)	MW-109ARR	22	0.22	0	0	0.22	0.22	0.22	100
1,1-Dichloroethane (ug/L)	MW-502A	21	0.22	0	0	0.22	0.22	0.22	100

Box & Whiskers Plot

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 2:20 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Min.	Max.	%NDs
1,1-Dichloroethane (ug/L)	MW-404A	22	0.22	0	0	0.22	0.22	0.22	100
1,1-Dichloroethane (ug/L)	P-504B (bg)	15	0.22	0	0	0.22	0.22	0.22	100
1,1-Dichloroethane (ug/L)	P-503B (bg)	20	0.22	0	0	0.22	0.22	0.22	100
1,1-Dichloroethane (ug/L)	MW-108AR	19	0.22	0	0	0.22	0.22	0.22	100
1,1-Dichloroethane (ug/L)	MW-505A (bg)	18	0.22	0	0	0.22	0.22	0.22	100
1,1-Dichloroethane (ug/L)	MW-501A	21	0.22	0	0	0.22	0.22	0.22	100
1,1-Dichloroethane (ug/L)	MW-605	15	0.22	0	0	0.22	0.22	0.22	100
1,1-Dichloroethane (ug/L)	MW-604	15	0.22	0	0	0.22	0.22	0.22	100
1,1-Dichloroethene (ug/L)	MW-102A	22	0.56	0	0	0.56	0.56	0.56	100
1,1-Dichloroethene (ug/L)	OW-301A	19	0.56	0	0	0.56	0.56	0.56	100
1,1-Dichloroethene (ug/L)	MW-201A	24	0.56	0	0	0.56	0.56	0.56	100
1,1-Dichloroethene (ug/L)	MW-103A	24	0.56	0	0	0.56	0.56	0.56	100
1,1-Dichloroethene (ug/L)	MW-114AR	22	0.56	0	0	0.56	0.56	0.56	100
1,1-Dichloroethene (ug/L)	MW-120AR (bg)	24	0.56	0	0	0.56	0.56	0.56	100
1,1-Dichloroethene (ug/L)	P-105B	22	0.56	0	0	0.56	0.56	0.56	100
1,1-Dichloroethene (ug/L)	P-108B	22	0.56	0	0	0.56	0.56	0.56	100
1,1-Dichloroethene (ug/L)	MW-403A	22	0.56	0	0	0.56	0.56	0.56	100
1,1-Dichloroethene (ug/L)	P-114BR	22	0.56	0	0	0.56	0.56	0.56	100
1,1-Dichloroethene (ug/L)	MW-204A	24	0.56	0	0	0.56	0.56	0.56	100
1,1-Dichloroethene (ug/L)	P-120B (bg)	22	0.56	0	0	0.56	0.56	0.56	100
1,1-Dichloroethene (ug/L)	MW-137A	23	0.56	0	0	0.56	0.56	0.56	100
1,1-Dichloroethene (ug/L)	MW-202A	24	0.56	0	0	0.56	0.56	0.56	100
1,1-Dichloroethene (ug/L)	MW-401A	23	0.56	0	0	0.56	0.56	0.56	100
1,1-Dichloroethene (ug/L)	MW-402A	22	0.56	0	0	0.56	0.56	0.56	100
1,1-Dichloroethene (ug/L)	OW-306AR	15	0.56	0	0	0.56	0.56	0.56	100
1,1-Dichloroethene (ug/L)	MW-109ARR	22	0.56	0	0	0.56	0.56	0.56	100
1,1-Dichloroethene (ug/L)	MW-502A	21	0.56	0	0	0.56	0.56	0.56	100
1,1-Dichloroethene (ug/L)	MW-404A	22	0.56	0	0	0.56	0.56	0.56	100
1,1-Dichloroethene (ug/L)	P-504B (bg)	15	0.56	0	0	0.56	0.56	0.56	100
1,1-Dichloroethene (ug/L)	P-503B (bg)	20	0.56	0	0	0.56	0.56	0.56	100
1,1-Dichloroethene (ug/L)	MW-108AR	19	0.56	0	0	0.56	0.56	0.56	100
1,1-Dichloroethene (ug/L)	MW-505A (bg)	18	0.56	0	0	0.56	0.56	0.56	100
1,1-Dichloroethene (ug/L)	MW-501A	21	0.56	0	0	0.56	0.56	0.56	100
1,1-Dichloroethene (ug/L)	MW-605	15	0.56	0	0	0.56	0.56	0.56	100
1,1-Dichloroethene (ug/L)	MW-604	15	0.56	0	0	0.56	0.56	0.56	100
1,2,3-Trichloropropane (ug/L)	MW-102A	22	0.59	0	0	0.59	0.59	0.59	100
1,2,3-Trichloropropane (ug/L)	OW-301A	18	0.59	0	0	0.59	0.59	0.59	100
1,2,3-Trichloropropane (ug/L)	MW-201A	24	0.59	0	0	0.59	0.59	0.59	100
1,2,3-Trichloropropane (ug/L)	MW-103A	24	0.59	0	0	0.59	0.59	0.59	100
1,2,3-Trichloropropane (ug/L)	MW-114AR	22	0.59	0	0	0.59	0.59	0.59	100
1,2,3-Trichloropropane (ug/L)	MW-120AR (bg)	24	0.59	0	0	0.59	0.59	0.59	100
1,2,3-Trichloropropane (ug/L)	P-105B	22	0.59	0	0	0.59	0.59	0.59	100
1,2,3-Trichloropropane (ug/L)	P-108B	22	0.59	0	0	0.59	0.59	0.59	100
1,2,3-Trichloropropane (ug/L)	MW-403A	22	0.59	0	0	0.59	0.59	0.59	100
1,2,3-Trichloropropane (ug/L)	P-114BR	22	0.59	0	0	0.59	0.59	0.59	100
1,2,3-Trichloropropane (ug/L)	MW-204A	24	0.59	0	0	0.59	0.59	0.59	100
1,2,3-Trichloropropane (ug/L)	P-120B (bg)	22	0.59	0	0	0.59	0.59	0.59	100
1,2,3-Trichloropropane (ug/L)	MW-137A	23	0.59	0	0	0.59	0.59	0.59	100
1,2,3-Trichloropropane (ug/L)	MW-202A	24	0.59	0	0	0.59	0.59	0.59	100
1,2,3-Trichloropropane (ug/L)	MW-401A	23	0.59	0	0	0.59	0.59	0.59	100

Box & Whiskers Plot

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 2:20 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Min.	Max.	%NDs
1,2,3-Trichloropropane (ug/L)	MW-402A	22	0.59	0	0	0.59	0.59	0.59	100
1,2,3-Trichloropropane (ug/L)	OW-306AR	15	0.59	0	0	0.59	0.59	0.59	100
1,2,3-Trichloropropane (ug/L)	MW-109ARR	22	0.59	0	0	0.59	0.59	0.59	100
1,2,3-Trichloropropane (ug/L)	MW-502A	21	0.59	0	0	0.59	0.59	0.59	100
1,2,3-Trichloropropane (ug/L)	MW-404A	22	0.59	0	0	0.59	0.59	0.59	100
1,2,3-Trichloropropane (ug/L)	P-504B (bg)	15	0.59	0	0	0.59	0.59	0.59	100
1,2,3-Trichloropropane (ug/L)	P-503B (bg)	20	0.59	0	0	0.59	0.59	0.59	100
1,2,3-Trichloropropane (ug/L)	MW-108AR	19	0.59	0	0	0.59	0.59	0.59	100
1,2,3-Trichloropropane (ug/L)	MW-505A (bg)	18	0.59	0	0	0.59	0.59	0.59	100
1,2,3-Trichloropropane (ug/L)	MW-501A	21	0.59	0	0	0.59	0.59	0.59	100
1,2,3-Trichloropropane (ug/L)	MW-605	15	0.59	0	0	0.59	0.59	0.59	100
1,2,3-Trichloropropane (ug/L)	MW-604	15	0.59	0	0	0.59	0.59	0.59	100
1,2-Dibromo-3-chloropropane (ug/L)	MW-102A	22	1.2	0	0	1.2	1.2	1.2	100
1,2-Dibromo-3-chloropropane (ug/L)	OW-301A	19	1.2	0	0	1.2	1.2	1.2	100
1,2-Dibromo-3-chloropropane (ug/L)	MW-201A	24	1.2	0	0	1.2	1.2	1.2	100
1,2-Dibromo-3-chloropropane (ug/L)	MW-103A	24	1.2	0	0	1.2	1.2	1.2	100
1,2-Dibromo-3-chloropropane (ug/L)	MW-114AR	22	1.2	0	0	1.2	1.2	1.2	100
1,2-Dibromo-3-chloropropane (ug/L)	MW-120AR (bg)	24	1.2	0	0	1.2	1.2	1.2	100
1,2-Dibromo-3-chloropropane (ug/L)	P-105B	22	1.2	0	0	1.2	1.2	1.2	100
1,2-Dibromo-3-chloropropane (ug/L)	P-108B	22	1.2	0	0	1.2	1.2	1.2	100
1,2-Dibromo-3-chloropropane (ug/L)	MW-403A	22	1.2	0	0	1.2	1.2	1.2	100
1,2-Dibromo-3-chloropropane (ug/L)	P-114BR	22	1.2	0	0	1.2	1.2	1.2	100
1,2-Dibromo-3-chloropropane (ug/L)	MW-204A	24	1.2	0	0	1.2	1.2	1.2	100
1,2-Dibromo-3-chloropropane (ug/L)	P-120B (bg)	22	1.2	0	0	1.2	1.2	1.2	100
1,2-Dibromo-3-chloropropane (ug/L)	MW-137A	23	1.2	0	0	1.2	1.2	1.2	100
1,2-Dibromo-3-chloropropane (ug/L)	MW-202A	24	1.2	0	0	1.2	1.2	1.2	100
1,2-Dibromo-3-chloropropane (ug/L)	MW-401A	23	1.2	0	0	1.2	1.2	1.2	100
1,2-Dibromo-3-chloropropane (ug/L)	MW-402A	22	1.2	0	0	1.2	1.2	1.2	100
1,2-Dibromo-3-chloropropane (ug/L)	OW-306AR	15	1.2	0	0	1.2	1.2	1.2	100
1,2-Dibromo-3-chloropropane (ug/L)	MW-109ARR	22	1.2	0	0	1.2	1.2	1.2	100
1,2-Dibromo-3-chloropropane (ug/L)	MW-502A	21	1.2	0	0	1.2	1.2	1.2	100
1,2-Dibromo-3-chloropropane (ug/L)	MW-404A	22	1.2	0	0	1.2	1.2	1.2	100
1,2-Dibromo-3-chloropropane (ug/L)	P-504B (bg)	15	1.2	0	0	1.2	1.2	1.2	100
1,2-Dibromo-3-chloropropane (ug/L)	P-503B (bg)	20	1.2	0	0	1.2	1.2	1.2	100
1,2-Dibromo-3-chloropropane (ug/L)	MW-108AR	19	1.2	0	0	1.2	1.2	1.2	100
1,2-Dibromo-3-chloropropane (ug/L)	MW-505A (bg)	18	1.2	0	0	1.2	1.2	1.2	100
1,2-Dibromo-3-chloropropane (ug/L)	MW-501A	21	1.2	0	0	1.2	1.2	1.2	100
1,2-Dibromo-3-chloropropane (ug/L)	MW-605	15	1.2	0	0	1.2	1.2	1.2	100
1,2-Dibromo-3-chloropropane (ug/L)	MW-604	15	1.2	0	0	1.2	1.2	1.2	100
1,2-Dibromoethane [EDB] (ug/L)	MW-102A	22	0.34	0	0	0.34	0.34	0.34	100
1,2-Dibromoethane [EDB] (ug/L)	OW-301A	19	0.34	0	0	0.34	0.34	0.34	100
1,2-Dibromoethane [EDB] (ug/L)	MW-201A	24	0.34	0	0	0.34	0.34	0.34	100
1,2-Dibromoethane [EDB] (ug/L)	MW-103A	24	0.34	0	0	0.34	0.34	0.34	100
1,2-Dibromoethane [EDB] (ug/L)	MW-114AR	22	0.34	0	0	0.34	0.34	0.34	100
1,2-Dibromoethane [EDB] (ug/L)	MW-120AR (bg)	24	0.34	0	0	0.34	0.34	0.34	100
1,2-Dibromoethane [EDB] (ug/L)	P-105B	22	0.34	0	0	0.34	0.34	0.34	100
1,2-Dibromoethane [EDB] (ug/L)	P-108B	22	0.34	0	0	0.34	0.34	0.34	100
1,2-Dibromoethane [EDB] (ug/L)	MW-403A	22	0.34	0	0	0.34	0.34	0.34	100
1,2-Dibromoethane [EDB] (ug/L)	P-114BR	22	0.34	0	0	0.34	0.34	0.34	100
1,2-Dibromoethane [EDB] (ug/L)	MW-204A	24	0.34	0	0	0.34	0.34	0.34	100

Box & Whiskers Plot

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 2:20 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Min.	Max.	%NDs
1,2-Dibromoethane [EDB] (ug/L)	P-120B (bg)	22	0.34	0	0	0.34	0.34	0.34	100
1,2-Dibromoethane [EDB] (ug/L)	MW-137A	23	0.34	0	0	0.34	0.34	0.34	100
1,2-Dibromoethane [EDB] (ug/L)	MW-202A	24	0.34	0	0	0.34	0.34	0.34	100
1,2-Dibromoethane [EDB] (ug/L)	MW-401A	23	0.34	0	0	0.34	0.34	0.34	100
1,2-Dibromoethane [EDB] (ug/L)	MW-402A	22	0.34	0	0	0.34	0.34	0.34	100
1,2-Dibromoethane [EDB] (ug/L)	OW-306AR	15	0.34	0	0	0.34	0.34	0.34	100
1,2-Dibromoethane [EDB] (ug/L)	MW-109ARR	22	0.34	0	0	0.34	0.34	0.34	100
1,2-Dibromoethane [EDB] (ug/L)	MW-502A	21	0.34	0	0	0.34	0.34	0.34	100
1,2-Dibromoethane [EDB] (ug/L)	MW-404A	22	0.34	0	0	0.34	0.34	0.34	100
1,2-Dibromoethane [EDB] (ug/L)	P-504B (bg)	15	0.34	0	0	0.34	0.34	0.34	100
1,2-Dibromoethane [EDB] (ug/L)	P-503B (bg)	20	0.34	0	0	0.34	0.34	0.34	100
1,2-Dibromoethane [EDB] (ug/L)	MW-108AR	19	0.34	0	0	0.34	0.34	0.34	100
1,2-Dibromoethane [EDB] (ug/L)	MW-505A (bg)	18	0.34	0	0	0.34	0.34	0.34	100
1,2-Dibromoethane [EDB] (ug/L)	MW-501A	21	0.34	0	0	0.34	0.34	0.34	100
1,2-Dibromoethane [EDB] (ug/L)	MW-605	15	0.34	0	0	0.34	0.34	0.34	100
1,2-Dibromoethane [EDB] (ug/L)	MW-604	15	0.34	0	0	0.34	0.34	0.34	100
1,2-Dichlorobenzene (ug/L)	MW-102A	22	0.37	0	0	0.37	0.37	0.37	100
1,2-Dichlorobenzene (ug/L)	OW-301A	19	0.37	0	0	0.37	0.37	0.37	100
1,2-Dichlorobenzene (ug/L)	MW-201A	24	0.37	0	0	0.37	0.37	0.37	100
1,2-Dichlorobenzene (ug/L)	MW-103A	24	0.37	0	0	0.37	0.37	0.37	100
1,2-Dichlorobenzene (ug/L)	MW-114AR	22	0.37	0	0	0.37	0.37	0.37	100
1,2-Dichlorobenzene (ug/L)	MW-120AR (bg)	24	0.37	0	0	0.37	0.37	0.37	100
1,2-Dichlorobenzene (ug/L)	P-105B	22	0.37	0	0	0.37	0.37	0.37	100
1,2-Dichlorobenzene (ug/L)	P-108B	22	0.37	0	0	0.37	0.37	0.37	100
1,2-Dichlorobenzene (ug/L)	MW-403A	22	0.37	0	0	0.37	0.37	0.37	100
1,2-Dichlorobenzene (ug/L)	P-114BR	22	0.37	0	0	0.37	0.37	0.37	100
1,2-Dichlorobenzene (ug/L)	MW-204A	24	0.37	0	0	0.37	0.37	0.37	100
1,2-Dichlorobenzene (ug/L)	P-120B (bg)	22	0.37	0	0	0.37	0.37	0.37	100
1,2-Dichlorobenzene (ug/L)	MW-137A	23	0.37	0	0	0.37	0.37	0.37	100
1,2-Dichlorobenzene (ug/L)	MW-202A	24	0.37	0	0	0.37	0.37	0.37	100
1,2-Dichlorobenzene (ug/L)	MW-401A	23	0.37	0	0	0.37	0.37	0.37	100
1,2-Dichlorobenzene (ug/L)	MW-402A	22	0.37	0	0	0.37	0.37	0.37	100
1,2-Dichlorobenzene (ug/L)	OW-306AR	15	0.37	0	0	0.37	0.37	0.37	100
1,2-Dichlorobenzene (ug/L)	MW-109ARR	22	0.37	0	0	0.37	0.37	0.37	100
1,2-Dichlorobenzene (ug/L)	MW-502A	21	0.37	0	0	0.37	0.37	0.37	100
1,2-Dichlorobenzene (ug/L)	MW-404A	22	0.37	0	0	0.37	0.37	0.37	100
1,2-Dichlorobenzene (ug/L)	P-504B (bg)	15	0.37	0	0	0.37	0.37	0.37	100
1,2-Dichlorobenzene (ug/L)	P-503B (bg)	20	0.37	0	0	0.37	0.37	0.37	100
1,2-Dichlorobenzene (ug/L)	MW-108AR	19	0.37	0	0	0.37	0.37	0.37	100
1,2-Dichlorobenzene (ug/L)	MW-505A (bg)	18	0.37	0	0	0.37	0.37	0.37	100
1,2-Dichlorobenzene (ug/L)	MW-501A	21	0.37	0	0	0.37	0.37	0.37	100
1,2-Dichlorobenzene (ug/L)	MW-605	15	0.37	0	0	0.37	0.37	0.37	100
1,2-Dichlorobenzene (ug/L)	MW-604	15	0.37	0	0	0.37	0.37	0.37	100
1,2-Dichloroethane (ug/L)	MW-102A	22	0.39	0	0	0.39	0.39	0.39	100
1,2-Dichloroethane (ug/L)	OW-301A	19	0.39	0	0	0.39	0.39	0.39	100
1,2-Dichloroethane (ug/L)	MW-201A	24	0.39	0	0	0.39	0.39	0.39	100
1,2-Dichloroethane (ug/L)	MW-103A	24	0.39	0	0	0.39	0.39	0.39	100
1,2-Dichloroethane (ug/L)	MW-114AR	22	0.39	0	0	0.39	0.39	0.39	100
1,2-Dichloroethane (ug/L)	MW-120AR (bg)	24	0.39	0	0	0.39	0.39	0.39	100
1,2-Dichloroethane (ug/L)	P-105B	22	0.39	0	0	0.39	0.39	0.39	100

Box & Whiskers Plot

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 2:20 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Min.	Max.	%NDs
1,2-Dichloroethane (ug/L)	P-108B	22	0.39	0	0	0.39	0.39	0.39	100
1,2-Dichloroethane (ug/L)	MW-403A	22	0.39	0	0	0.39	0.39	0.39	100
1,2-Dichloroethane (ug/L)	P-114BR	22	0.39	0	0	0.39	0.39	0.39	100
1,2-Dichloroethane (ug/L)	MW-204A	24	0.39	0	0	0.39	0.39	0.39	100
1,2-Dichloroethane (ug/L)	P-120B (bg)	22	0.39	0	0	0.39	0.39	0.39	100
1,2-Dichloroethane (ug/L)	MW-137A	23	0.39	0	0	0.39	0.39	0.39	100
1,2-Dichloroethane (ug/L)	MW-202A	24	0.39	0	0	0.39	0.39	0.39	100
1,2-Dichloroethane (ug/L)	MW-401A	23	0.39	0	0	0.39	0.39	0.39	100
1,2-Dichloroethane (ug/L)	MW-402A	22	0.39	0	0	0.39	0.39	0.39	100
1,2-Dichloroethane (ug/L)	OW-306AR	15	0.39	0	0	0.39	0.39	0.39	100
1,2-Dichloroethane (ug/L)	MW-109ARR	22	0.39	0	0	0.39	0.39	0.39	100
1,2-Dichloroethane (ug/L)	MW-502A	21	0.39	0	0	0.39	0.39	0.39	100
1,2-Dichloroethane (ug/L)	MW-404A	22	0.39	0	0	0.39	0.39	0.39	100
1,2-Dichloroethane (ug/L)	P-504B (bg)	15	0.39	0	0	0.39	0.39	0.39	100
1,2-Dichloroethane (ug/L)	P-503B (bg)	20	0.39	0	0	0.39	0.39	0.39	100
1,2-Dichloroethane (ug/L)	MW-108AR	19	0.39	0	0	0.39	0.39	0.39	100
1,2-Dichloroethane (ug/L)	MW-505A (bg)	18	0.39	0	0	0.39	0.39	0.39	100
1,2-Dichloroethane (ug/L)	MW-501A	21	0.39	0	0	0.39	0.39	0.39	100
1,2-Dichloroethane (ug/L)	MW-605	15	0.39	0	0	0.39	0.39	0.39	100
1,2-Dichloroethane (ug/L)	MW-604	15	0.39	0	0	0.39	0.39	0.39	100
1,2-Dichloropropane (ug/L)	MW-102A	22	0.27	0	0	0.27	0.27	0.27	100
1,2-Dichloropropane (ug/L)	OW-301A	19	0.27	0	0	0.27	0.27	0.27	100
1,2-Dichloropropane (ug/L)	MW-201A	24	0.27	0	0	0.27	0.27	0.27	100
1,2-Dichloropropane (ug/L)	MW-103A	24	0.27	0	0	0.27	0.27	0.27	100
1,2-Dichloropropane (ug/L)	MW-114AR	22	0.27	0	0	0.27	0.27	0.27	100
1,2-Dichloropropane (ug/L)	MW-120AR (bg)	24	0.27	0	0	0.27	0.27	0.27	100
1,2-Dichloropropane (ug/L)	P-105B	22	0.27	0	0	0.27	0.27	0.27	100
1,2-Dichloropropane (ug/L)	P-108B	22	0.27	0	0	0.27	0.27	0.27	100
1,2-Dichloropropane (ug/L)	MW-403A	22	0.27	0	0	0.27	0.27	0.27	100
1,2-Dichloropropane (ug/L)	P-114BR	22	0.27	0	0	0.27	0.27	0.27	100
1,2-Dichloropropane (ug/L)	MW-204A	24	0.27	0	0	0.27	0.27	0.27	100
1,2-Dichloropropane (ug/L)	P-120B (bg)	22	0.27	0	0	0.27	0.27	0.27	100
1,2-Dichloropropane (ug/L)	MW-137A	23	0.27	0	0	0.27	0.27	0.27	100
1,2-Dichloropropane (ug/L)	MW-202A	24	0.27	0	0	0.27	0.27	0.27	100
1,2-Dichloropropane (ug/L)	MW-401A	23	0.273	0.01439	0.003	0.27	0.27	0.339	95.65
1,2-Dichloropropane (ug/L)	MW-402A	22	0.27	0	0	0.27	0.27	0.27	100
1,2-Dichloropropane (ug/L)	OW-306AR	15	0.27	0	0	0.27	0.27	0.27	100
1,2-Dichloropropane (ug/L)	MW-109ARR	22	0.27	0	0	0.27	0.27	0.27	100
1,2-Dichloropropane (ug/L)	MW-502A	21	0.27	0	0	0.27	0.27	0.27	100
1,2-Dichloropropane (ug/L)	MW-404A	22	0.27	0	0	0.27	0.27	0.27	100
1,2-Dichloropropane (ug/L)	P-504B (bg)	15	0.27	0	0	0.27	0.27	0.27	100
1,2-Dichloropropane (ug/L)	P-503B (bg)	20	0.27	0	0	0.27	0.27	0.27	100
1,2-Dichloropropane (ug/L)	MW-108AR	19	0.27	0	0	0.27	0.27	0.27	100
1,2-Dichloropropane (ug/L)	MW-505A (bg)	18	0.27	0	0	0.27	0.27	0.27	100
1,2-Dichloropropane (ug/L)	MW-501A	21	0.27	0	0	0.27	0.27	0.27	100
1,2-Dichloropropane (ug/L)	MW-605	15	0.27	0	0	0.27	0.27	0.27	100
1,2-Dichloropropane (ug/L)	MW-604	15	0.27	0	0	0.27	0.27	0.27	100
1,4-Dichlorobenzene (ug/L)	MW-102A	22	0.23	0	0	0.23	0.23	0.23	100
1,4-Dichlorobenzene (ug/L)	OW-301A	19	0.23	0	0	0.23	0.23	0.23	100
1,4-Dichlorobenzene (ug/L)	MW-201A	24	0.23	0	0	0.23	0.23	0.23	100

Box & Whiskers Plot

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 2:20 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Min.	Max.	%NDs
1,4-Dichlorobenzene (ug/L)	MW-103A	24	0.23	0	0	0.23	0.23	0.23	100
1,4-Dichlorobenzene (ug/L)	MW-114AR	22	0.23	0	0	0.23	0.23	0.23	100
1,4-Dichlorobenzene (ug/L)	MW-120AR (bg)	24	0.2365	0.03164	0.006458	0.23	0.23	0.385	95.83
1,4-Dichlorobenzene (ug/L)	P-105B	22	0.23	0	0	0.23	0.23	0.23	100
1,4-Dichlorobenzene (ug/L)	P-108B	22	0.23	0	0	0.23	0.23	0.23	100
1,4-Dichlorobenzene (ug/L)	MW-403A	22	0.23	0	0	0.23	0.23	0.23	100
1,4-Dichlorobenzene (ug/L)	P-114BR	22	0.23	0	0	0.23	0.23	0.23	100
1,4-Dichlorobenzene (ug/L)	MW-204A	24	0.23	0	0	0.23	0.23	0.23	100
1,4-Dichlorobenzene (ug/L)	P-120B (bg)	22	0.23	0	0	0.23	0.23	0.23	100
1,4-Dichlorobenzene (ug/L)	MW-137A	23	0.23	0	0	0.23	0.23	0.23	100
1,4-Dichlorobenzene (ug/L)	MW-202A	24	0.23	0	0	0.23	0.23	0.23	100
1,4-Dichlorobenzene (ug/L)	MW-401A	23	0.23	0	0	0.23	0.23	0.23	100
1,4-Dichlorobenzene (ug/L)	MW-402A	22	0.23	0	0	0.23	0.23	0.23	100
1,4-Dichlorobenzene (ug/L)	OW-306AR	15	0.23	0	0	0.23	0.23	0.23	100
1,4-Dichlorobenzene (ug/L)	MW-109ARR	22	0.23	0	0	0.23	0.23	0.23	100
1,4-Dichlorobenzene (ug/L)	MW-502A	21	0.23	0	0	0.23	0.23	0.23	100
1,4-Dichlorobenzene (ug/L)	MW-404A	22	0.23	0	0	0.23	0.23	0.23	100
1,4-Dichlorobenzene (ug/L)	P-504B (bg)	15	0.23	0	0	0.23	0.23	0.23	100
1,4-Dichlorobenzene (ug/L)	P-503B (bg)	20	0.23	0	0	0.23	0.23	0.23	100
1,4-Dichlorobenzene (ug/L)	MW-108AR	19	0.23	0	0	0.23	0.23	0.23	100
1,4-Dichlorobenzene (ug/L)	MW-505A (bg)	18	0.23	0	0	0.23	0.23	0.23	100
1,4-Dichlorobenzene (ug/L)	MW-501A	21	0.23	0	0	0.23	0.23	0.23	100
1,4-Dichlorobenzene (ug/L)	MW-605	15	0.23	0	0	0.23	0.23	0.23	100
1,4-Dichlorobenzene (ug/L)	MW-604	15	0.23	0	0	0.23	0.23	0.23	100
2-Butanone [MEK] (ug/L)	MW-102A	22	2.1	0	0	2.1	2.1	2.1	100
2-Butanone [MEK] (ug/L)	OW-301A	19	2.1	0	0	2.1	2.1	2.1	100
2-Butanone [MEK] (ug/L)	MW-201A	24	2.1	0	0	2.1	2.1	2.1	100
2-Butanone [MEK] (ug/L)	MW-103A	24	2.1	0	0	2.1	2.1	2.1	100
2-Butanone [MEK] (ug/L)	MW-114AR	22	2.1	0	0	2.1	2.1	2.1	100
2-Butanone [MEK] (ug/L)	MW-120AR (bg)	24	2.13	0.149	0.03042	2.1	2.1	2.83	95.83
2-Butanone [MEK] (ug/L)	P-105B	22	2.1	0	0	2.1	2.1	2.1	100
2-Butanone [MEK] (ug/L)	P-108B	22	2.096	0.01706	0.003636	2.1	2.02	2.1	95.45
2-Butanone [MEK] (ug/L)	MW-403A	22	2.1	0	0	2.1	2.1	2.1	100
2-Butanone [MEK] (ug/L)	P-114BR	22	2.1	0	0	2.1	2.1	2.1	100
2-Butanone [MEK] (ug/L)	MW-204A	24	2.1	0	0	2.1	2.1	2.1	100
2-Butanone [MEK] (ug/L)	P-120B (bg)	22	2.1	0	0	2.1	2.1	2.1	100
2-Butanone [MEK] (ug/L)	MW-137A	23	3.504	6.735	1.404	2.1	2.1	34.4	95.65
2-Butanone [MEK] (ug/L)	MW-202A	24	2.1	0	0	2.1	2.1	2.1	100
2-Butanone [MEK] (ug/L)	MW-401A	23	2.1	0	0	2.1	2.1	2.1	100
2-Butanone [MEK] (ug/L)	MW-402A	22	2.104	0.01919	0.004091	2.1	2.1	2.19	95.45
2-Butanone [MEK] (ug/L)	OW-306AR	15	2.1	0	0	2.1	2.1	2.1	100
2-Butanone [MEK] (ug/L)	MW-109ARR	22	2.1	0	0	2.1	2.1	2.1	100
2-Butanone [MEK] (ug/L)	MW-502A	21	2.1	0	0	2.1	2.1	2.1	100
2-Butanone [MEK] (ug/L)	MW-404A	22	2.1	0	0	2.1	2.1	2.1	100
2-Butanone [MEK] (ug/L)	P-504B (bg)	15	2.1	0	0	2.1	2.1	2.1	100
2-Butanone [MEK] (ug/L)	P-503B (bg)	20	2.024	0.3412	0.0763	2.1	0.574	2.1	95
2-Butanone [MEK] (ug/L)	MW-108AR	19	2.057	0.1858	0.04263	2.1	1.29	2.1	94.74
2-Butanone [MEK] (ug/L)	MW-505A (bg)	18	2.1	0	0	2.1	2.1	2.1	100
2-Butanone [MEK] (ug/L)	MW-501A	21	2.1	0	0	2.1	2.1	2.1	100
2-Butanone [MEK] (ug/L)	MW-605	15	2.1	0	0	2.1	2.1	2.1	100

Box & Whiskers Plot

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 2:20 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Min.	Max.	%NDs
2-Butanone [MEK] (ug/L)	MW-604	15	2.1	0	0	2.1	2.1	2.1	100
2-Hexanone (ug/L)	MW-102A	22	2	0	0	2	2	2	100
2-Hexanone (ug/L)	OW-301A	19	2	0	0	2	2	2	100
2-Hexanone (ug/L)	MW-201A	24	2	0	0	2	2	2	100
2-Hexanone (ug/L)	MW-103A	24	2	0	0	2	2	2	100
2-Hexanone (ug/L)	MW-114AR	22	2	0	0	2	2	2	100
2-Hexanone (ug/L)	MW-120AR (bg)	24	1.931	0.3368	0.06875	2	0.35	2	95.83
2-Hexanone (ug/L)	P-105B	22	2	0	0	2	2	2	100
2-Hexanone (ug/L)	P-108B	22	2	0	0	2	2	2	100
2-Hexanone (ug/L)	MW-403A	22	2	0	0	2	2	2	100
2-Hexanone (ug/L)	P-114BR	22	2	0	0	2	2	2	100
2-Hexanone (ug/L)	MW-204A	24	2	0	0	2	2	2	100
2-Hexanone (ug/L)	P-120B (bg)	22	2	0	0	2	2	2	100
2-Hexanone (ug/L)	MW-137A	23	2	0	0	2	2	2	100
2-Hexanone (ug/L)	MW-202A	24	2	0	0	2	2	2	100
2-Hexanone (ug/L)	MW-401A	23	2	0	0	2	2	2	100
2-Hexanone (ug/L)	MW-402A	22	2	0	0	2	2	2	100
2-Hexanone (ug/L)	OW-306AR	15	2	0	0	2	2	2	100
2-Hexanone (ug/L)	MW-109ARR	22	2	0	0	2	2	2	100
2-Hexanone (ug/L)	MW-502A	21	2	0	0	2	2	2	100
2-Hexanone (ug/L)	MW-404A	22	2	0	0	2	2	2	100
2-Hexanone (ug/L)	P-504B (bg)	15	2	0	0	2	2	2	100
2-Hexanone (ug/L)	P-503B (bg)	20	2	0	0	2	2	2	100
2-Hexanone (ug/L)	MW-108AR	19	2	0	0	2	2	2	100
2-Hexanone (ug/L)	MW-505A (bg)	18	2	0	0	2	2	2	100
2-Hexanone (ug/L)	MW-501A	21	2	0	0	2	2	2	100
2-Hexanone (ug/L)	MW-605	15	2	0	0	2	2	2	100
2-Hexanone (ug/L)	MW-604	15	2	0	0	2	2	2	100
4-Methyl-2-pentanone (ug/L)	MW-102A	22	2.1	0	0	2.1	2.1	2.1	100
4-Methyl-2-pentanone (ug/L)	OW-301A	19	2.1	0	0	2.1	2.1	2.1	100
4-Methyl-2-pentanone (ug/L)	MW-201A	24	2.1	0	0	2.1	2.1	2.1	100
4-Methyl-2-pentanone (ug/L)	MW-103A	24	2.1	0	0	2.1	2.1	2.1	100
4-Methyl-2-pentanone (ug/L)	MW-114AR	22	2.1	0	0	2.1	2.1	2.1	100
4-Methyl-2-pentanone (ug/L)	MW-120AR (bg)	24	2.1	0	0	2.1	2.1	2.1	100
4-Methyl-2-pentanone (ug/L)	P-105B	22	2.1	0	0	2.1	2.1	2.1	100
4-Methyl-2-pentanone (ug/L)	P-108B	22	2.1	0	0	2.1	2.1	2.1	100
4-Methyl-2-pentanone (ug/L)	MW-403A	22	2.1	0	0	2.1	2.1	2.1	100
4-Methyl-2-pentanone (ug/L)	P-114BR	22	2.1	0	0	2.1	2.1	2.1	100
4-Methyl-2-pentanone (ug/L)	MW-204A	24	2.1	0	0	2.1	2.1	2.1	100
4-Methyl-2-pentanone (ug/L)	P-120B (bg)	22	2.1	0	0	2.1	2.1	2.1	100
4-Methyl-2-pentanone (ug/L)	MW-137A	23	2.147	0.2273	0.04739	2.1	2.1	3.19	95.65
4-Methyl-2-pentanone (ug/L)	MW-202A	24	2.1	0	0	2.1	2.1	2.1	100
4-Methyl-2-pentanone (ug/L)	MW-401A	23	2.1	0	0	2.1	2.1	2.1	100
4-Methyl-2-pentanone (ug/L)	MW-402A	22	2.1	0	0	2.1	2.1	2.1	100
4-Methyl-2-pentanone (ug/L)	OW-306AR	15	2.1	0	0	2.1	2.1	2.1	100
4-Methyl-2-pentanone (ug/L)	MW-109ARR	22	2.1	0	0	2.1	2.1	2.1	100
4-Methyl-2-pentanone (ug/L)	MW-502A	21	2.1	0	0	2.1	2.1	2.1	100
4-Methyl-2-pentanone (ug/L)	MW-404A	22	2.1	0	0	2.1	2.1	2.1	100
4-Methyl-2-pentanone (ug/L)	P-504B (bg)	15	2.1	0	0	2.1	2.1	2.1	100
4-Methyl-2-pentanone (ug/L)	P-503B (bg)	20	2.1	0	0	2.1	2.1	2.1	100

Box & Whiskers Plot

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 2:20 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Min.	Max.	%NDs
4-Methyl-2-pentanone (ug/L)	MW-108AR	19	2.1	0	0	2.1	2.1	2.1	100
4-Methyl-2-pentanone (ug/L)	MW-505A (bg)	18	2.1	0	0	2.1	2.1	2.1	100
4-Methyl-2-pentanone (ug/L)	MW-501A	21	2.1	0	0	2.1	2.1	2.1	100
4-Methyl-2-pentanone (ug/L)	MW-605	15	2.1	0	0	2.1	2.1	2.1	100
4-Methyl-2-pentanone (ug/L)	MW-604	15	2.1	0	0	2.1	2.1	2.1	100
Acetone (ug/L)	MW-102A	22	4.035	2.53	0.5393	3.1	3.1	11.5	86.36
Acetone (ug/L)	OW-301A	19	3.795	1.863	0.4274	3.1	3.1	10.4	84.21
Acetone (ug/L)	MW-201A	24	3.886	1.818	0.3712	3.1	3.1	10.6	75
Acetone (ug/L)	MW-103A	24	3.787	2.143	0.4375	3.1	1.85	12	79.17
Acetone (ug/L)	MW-114AR	22	4.065	3.35	0.7142	3.1	1.9	15.6	77.27
Acetone (ug/L)	MW-120AR (bg)	24	3.317	0.8503	0.1736	3.1	1.98	6.07	83.33
Acetone (ug/L)	P-105B	22	3.88	2.072	0.4418	3.1	3.1	11.8	81.82
Acetone (ug/L)	P-108B	22	3.7	2.073	0.4419	3.1	1.87	12.1	72.73
Acetone (ug/L)	MW-403A	22	3.561	2.131	0.4543	3.1	3.1	13.1	90.91
Acetone (ug/L)	P-114BR	22	3.732	2.224	0.4743	3.1	1.85	12.6	77.27
Acetone (ug/L)	MW-204A	24	3.493	2.172	0.4434	3.1	1.79	13.6	79.17
Acetone (ug/L)	P-120B (bg)	22	3.568	1.691	0.3606	3.1	2.27	9.47	81.82
Acetone (ug/L)	MW-137A	23	5.883	10.76	2.244	3.1	2.35	54.5	69.57
Acetone (ug/L)	MW-202A	24	3.604	1.654	0.3377	3.1	3.1	10	87.5
Acetone (ug/L)	MW-401A	23	3.728	2.172	0.4529	3.1	3.1	13.2	86.96
Acetone (ug/L)	MW-402A	22	3.975	2.688	0.5731	3.1	2.65	15.3	77.27
Acetone (ug/L)	OW-306AR	15	3.847	2.892	0.7467	3.1	3.1	14.3	93.33
Acetone (ug/L)	MW-109ARR	22	8.049	19.03	4.056	3.1	3.1	92.8	63.64
Acetone (ug/L)	MW-502A	21	3.496	1.427	0.3113	3.1	2.18	9.28	80.95
Acetone (ug/L)	MW-404A	22	3.42	0.956	0.2038	3.1	3.1	7.26	86.36
Acetone (ug/L)	P-504B (bg)	15	3.091	0.03615	0.009333	3.1	2.96	3.1	93.33
Acetone (ug/L)	P-503B (bg)	20	3.464	0.8596	0.1922	3.1	3.1	5.74	80
Acetone (ug/L)	MW-108AR	19	3.368	1.024	0.2349	3.1	2.64	7.45	78.95
Acetone (ug/L)	MW-505A (bg)	18	3.1	0	0	3.1	3.1	3.1	100
Acetone (ug/L)	MW-501A	21	3.258	0.8208	0.1791	3.1	2.03	5.92	76.19
Acetone (ug/L)	MW-605	15	3.153	0.2066	0.05333	3.1	3.1	3.9	93.33
Acetone (ug/L)	MW-604	15	3.1	0	0	3.1	3.1	3.1	100
Acrylonitrile (ug/L)	MW-102A	22	2.2	0	0	2.2	2.2	2.2	100
Acrylonitrile (ug/L)	OW-301A	19	2.2	0	0	2.2	2.2	2.2	100
Acrylonitrile (ug/L)	MW-201A	24	2.2	0	0	2.2	2.2	2.2	100
Acrylonitrile (ug/L)	MW-103A	24	2.2	0	0	2.2	2.2	2.2	100
Acrylonitrile (ug/L)	MW-114AR	22	2.2	0	0	2.2	2.2	2.2	100
Acrylonitrile (ug/L)	MW-120AR (bg)	24	2.2	0	0	2.2	2.2	2.2	100
Acrylonitrile (ug/L)	P-105B	22	2.2	0	0	2.2	2.2	2.2	100
Acrylonitrile (ug/L)	P-108B	22	2.2	0	0	2.2	2.2	2.2	100
Acrylonitrile (ug/L)	MW-403A	22	2.2	0	0	2.2	2.2	2.2	100
Acrylonitrile (ug/L)	P-114BR	22	2.2	0	0	2.2	2.2	2.2	100
Acrylonitrile (ug/L)	MW-204A	24	2.2	0	0	2.2	2.2	2.2	100
Acrylonitrile (ug/L)	P-120B (bg)	22	2.2	0	0	2.2	2.2	2.2	100
Acrylonitrile (ug/L)	MW-137A	23	2.2	0	0	2.2	2.2	2.2	100
Acrylonitrile (ug/L)	MW-202A	24	2.2	0	0	2.2	2.2	2.2	100
Acrylonitrile (ug/L)	MW-401A	23	2.2	0	0	2.2	2.2	2.2	100
Acrylonitrile (ug/L)	MW-402A	22	2.2	0	0	2.2	2.2	2.2	100
Acrylonitrile (ug/L)	OW-306AR	15	2.2	0	0	2.2	2.2	2.2	100
Acrylonitrile (ug/L)	MW-109ARR	22	2.2	0	0	2.2	2.2	2.2	100

Box & Whiskers Plot

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 2:20 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Min.	Max.	%NDs
Acrylonitrile (ug/L)	MW-502A	21	2.2	0	0	2.2	2.2	2.2	100
Acrylonitrile (ug/L)	MW-404A	22	2.2	0	0	2.2	2.2	2.2	100
Acrylonitrile (ug/L)	P-504B (bg)	15	2.2	0	0	2.2	2.2	2.2	100
Acrylonitrile (ug/L)	P-503B (bg)	20	2.2	0	0	2.2	2.2	2.2	100
Acrylonitrile (ug/L)	MW-108AR	19	2.2	0	0	2.2	2.2	2.2	100
Acrylonitrile (ug/L)	MW-505A (bg)	18	2.2	0	0	2.2	2.2	2.2	100
Acrylonitrile (ug/L)	MW-501A	21	2.2	0	0	2.2	2.2	2.2	100
Acrylonitrile (ug/L)	MW-605	15	2.2	0	0	2.2	2.2	2.2	100
Acrylonitrile (ug/L)	MW-604	15	2.2	0	0	2.2	2.2	2.2	100
Benzene (ug/L)	MW-102A	22	0.2353	0.07185	0.01532	0.22	0.22	0.557	95.45
Benzene (ug/L)	OW-301A	19	0.2542	0.1508	0.03461	0.22	0.122	0.83	68.42
Benzene (ug/L)	MW-201A	24	0.2067	0.03071	0.006268	0.22	0.117	0.22	79.17
Benzene (ug/L)	MW-103A	24	0.223	0.01449	0.002958	0.22	0.22	0.291	95.83
Benzene (ug/L)	MW-114AR	22	0.22	0	0	0.22	0.22	0.22	100
Benzene (ug/L)	MW-120AR (bg)	24	0.22	0	0	0.22	0.22	0.22	100
Benzene (ug/L)	P-105B	22	0.22	0	0	0.22	0.22	0.22	100
Benzene (ug/L)	P-108B	22	0.22	0	0	0.22	0.22	0.22	100
Benzene (ug/L)	MW-403A	23	0.2336	0.06527	0.01361	0.22	0.22	0.533	95.65
Benzene (ug/L)	P-114BR	22	0.22	0	0	0.22	0.22	0.22	100
Benzene (ug/L)	MW-204A	24	0.22	0	0	0.22	0.22	0.22	100
Benzene (ug/L)	P-120B (bg)	22	0.22	0	0	0.22	0.22	0.22	100
Benzene (ug/L)	MW-137A	23	0.22	0	0	0.22	0.22	0.22	100
Benzene (ug/L)	MW-202A	24	0.22	0	0	0.22	0.22	0.22	100
Benzene (ug/L)	MW-401A	23	0.22	0	0	0.22	0.22	0.22	100
Benzene (ug/L)	MW-402A	22	0.2273	0.03433	0.007318	0.22	0.22	0.381	95.45
Benzene (ug/L)	OW-306AR	15	0.22	0	0	0.22	0.22	0.22	100
Benzene (ug/L)	MW-109ARR	22	0.22	0	0	0.22	0.22	0.22	100
Benzene (ug/L)	MW-502A	21	0.22	0	0	0.22	0.22	0.22	100
Benzene (ug/L)	MW-404A	22	0.22	0	0	0.22	0.22	0.22	100
Benzene (ug/L)	P-504B (bg)	15	0.22	0	0	0.22	0.22	0.22	100
Benzene (ug/L)	P-503B (bg)	20	0.22	0	0	0.22	0.22	0.22	100
Benzene (ug/L)	MW-108AR	19	0.22	0	0	0.22	0.22	0.22	100
Benzene (ug/L)	MW-505A (bg)	18	0.22	0	0	0.22	0.22	0.22	100
Benzene (ug/L)	MW-501A	21	0.22	0	0	0.22	0.22	0.22	100
Benzene (ug/L)	MW-605	15	0.22	0	0	0.22	0.22	0.22	100
Benzene (ug/L)	MW-604	15	0.22	0	0	0.22	0.22	0.22	100
Bromochloromethane (ug/L)	MW-102A	22	0.54	0	0	0.54	0.54	0.54	100
Bromochloromethane (ug/L)	OW-301A	19	0.54	0	0	0.54	0.54	0.54	100
Bromochloromethane (ug/L)	MW-201A	24	0.54	0	0	0.54	0.54	0.54	100
Bromochloromethane (ug/L)	MW-103A	24	0.54	0	0	0.54	0.54	0.54	100
Bromochloromethane (ug/L)	MW-114AR	22	0.54	0	0	0.54	0.54	0.54	100
Bromochloromethane (ug/L)	MW-120AR (bg)	24	0.54	0	0	0.54	0.54	0.54	100
Bromochloromethane (ug/L)	P-105B	22	0.54	0	0	0.54	0.54	0.54	100
Bromochloromethane (ug/L)	P-108B	22	0.54	0	0	0.54	0.54	0.54	100
Bromochloromethane (ug/L)	MW-403A	22	0.54	0	0	0.54	0.54	0.54	100
Bromochloromethane (ug/L)	P-114BR	22	0.54	0	0	0.54	0.54	0.54	100
Bromochloromethane (ug/L)	MW-204A	24	0.54	0	0	0.54	0.54	0.54	100
Bromochloromethane (ug/L)	P-120B (bg)	22	0.54	0	0	0.54	0.54	0.54	100
Bromochloromethane (ug/L)	MW-137A	23	0.54	0	0	0.54	0.54	0.54	100
Bromochloromethane (ug/L)	MW-202A	24	0.54	0	0	0.54	0.54	0.54	100

Box & Whiskers Plot

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Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Min.	Max.	%NDs
Bromochloromethane (ug/L)	MW-401A	23	0.54	0	0	0.54	0.54	0.54	100
Bromochloromethane (ug/L)	MW-402A	22	0.54	0	0	0.54	0.54	0.54	100
Bromochloromethane (ug/L)	OW-306AR	15	0.54	0	0	0.54	0.54	0.54	100
Bromochloromethane (ug/L)	MW-109ARR	22	0.54	0	0	0.54	0.54	0.54	100
Bromochloromethane (ug/L)	MW-502A	21	0.54	0	0	0.54	0.54	0.54	100
Bromochloromethane (ug/L)	MW-404A	22	0.54	0	0	0.54	0.54	0.54	100
Bromochloromethane (ug/L)	P-504B (bg)	15	0.54	0	0	0.54	0.54	0.54	100
Bromochloromethane (ug/L)	P-503B (bg)	20	0.54	0	0	0.54	0.54	0.54	100
Bromochloromethane (ug/L)	MW-108AR	19	0.54	0	0	0.54	0.54	0.54	100
Bromochloromethane (ug/L)	MW-505A (bg)	18	0.54	0	0	0.54	0.54	0.54	100
Bromochloromethane (ug/L)	MW-501A	21	0.54	0	0	0.54	0.54	0.54	100
Bromochloromethane (ug/L)	MW-605	15	0.54	0	0	0.54	0.54	0.54	100
Bromochloromethane (ug/L)	MW-604	15	0.54	0	0	0.54	0.54	0.54	100
Bromodichloromethane (ug/L)	MW-102A	22	0.39	0	0	0.39	0.39	0.39	100
Bromodichloromethane (ug/L)	OW-301A	19	0.39	0	0	0.39	0.39	0.39	100
Bromodichloromethane (ug/L)	MW-201A	24	0.39	0	0	0.39	0.39	0.39	100
Bromodichloromethane (ug/L)	MW-103A	24	0.39	0	0	0.39	0.39	0.39	100
Bromodichloromethane (ug/L)	MW-114AR	22	0.39	0	0	0.39	0.39	0.39	100
Bromodichloromethane (ug/L)	MW-120AR (bg)	24	0.39	0	0	0.39	0.39	0.39	100
Bromodichloromethane (ug/L)	P-105B	22	0.39	0	0	0.39	0.39	0.39	100
Bromodichloromethane (ug/L)	P-108B	22	0.39	0	0	0.39	0.39	0.39	100
Bromodichloromethane (ug/L)	MW-403A	22	0.39	0	0	0.39	0.39	0.39	100
Bromodichloromethane (ug/L)	P-114BR	22	0.39	0	0	0.39	0.39	0.39	100
Bromodichloromethane (ug/L)	MW-204A	24	0.39	0	0	0.39	0.39	0.39	100
Bromodichloromethane (ug/L)	P-120B (bg)	22	0.39	0	0	0.39	0.39	0.39	100
Bromodichloromethane (ug/L)	MW-137A	23	0.39	0	0	0.39	0.39	0.39	100
Bromodichloromethane (ug/L)	MW-202A	24	0.39	0	0	0.39	0.39	0.39	100
Bromodichloromethane (ug/L)	MW-401A	23	0.39	0	0	0.39	0.39	0.39	100
Bromodichloromethane (ug/L)	MW-402A	22	0.39	0	0	0.39	0.39	0.39	100
Bromodichloromethane (ug/L)	OW-306AR	15	0.39	0	0	0.39	0.39	0.39	100
Bromodichloromethane (ug/L)	MW-109ARR	22	0.39	0	0	0.39	0.39	0.39	100
Bromodichloromethane (ug/L)	MW-502A	21	0.39	0	0	0.39	0.39	0.39	100
Bromodichloromethane (ug/L)	MW-404A	22	0.39	0	0	0.39	0.39	0.39	100
Bromodichloromethane (ug/L)	P-504B (bg)	15	0.39	0	0	0.39	0.39	0.39	100
Bromodichloromethane (ug/L)	P-503B (bg)	20	0.39	0	0	0.39	0.39	0.39	100
Bromodichloromethane (ug/L)	MW-108AR	19	0.39	0	0	0.39	0.39	0.39	100
Bromodichloromethane (ug/L)	MW-505A (bg)	18	0.39	0	0	0.39	0.39	0.39	100
Bromodichloromethane (ug/L)	MW-501A	21	0.39	0	0	0.39	0.39	0.39	100
Bromodichloromethane (ug/L)	MW-605	15	0.39	0	0	0.39	0.39	0.39	100
Bromodichloromethane (ug/L)	MW-604	15	0.39	0	0	0.39	0.39	0.39	100
Bromoform (ug/L)	MW-102A	22	0.78	0	0	0.78	0.78	0.78	100
Bromoform (ug/L)	OW-301A	19	0.78	0	0	0.78	0.78	0.78	100
Bromoform (ug/L)	MW-201A	24	0.78	0	0	0.78	0.78	0.78	100
Bromoform (ug/L)	MW-103A	24	0.78	0	0	0.78	0.78	0.78	100
Bromoform (ug/L)	MW-114AR	22	0.78	0	0	0.78	0.78	0.78	100
Bromoform (ug/L)	MW-120AR (bg)	24	0.78	0	0	0.78	0.78	0.78	100
Bromoform (ug/L)	P-105B	22	0.78	0	0	0.78	0.78	0.78	100
Bromoform (ug/L)	P-108B	22	0.78	0	0	0.78	0.78	0.78	100
Bromoform (ug/L)	MW-403A	22	0.78	0	0	0.78	0.78	0.78	100
Bromoform (ug/L)	P-114BR	22	0.78	0	0	0.78	0.78	0.78	100

Box & Whiskers Plot

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 2:20 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Min.	Max.	%NDs
Bromoform (ug/L)	MW-204A	24	0.78	0	0	0.78	0.78	0.78	100
Bromoform (ug/L)	P-120B (bg)	22	0.78	0	0	0.78	0.78	0.78	100
Bromoform (ug/L)	MW-137A	23	0.78	0	0	0.78	0.78	0.78	100
Bromoform (ug/L)	MW-202A	24	0.78	0	0	0.78	0.78	0.78	100
Bromoform (ug/L)	MW-401A	23	0.78	0	0	0.78	0.78	0.78	100
Bromoform (ug/L)	MW-402A	22	0.78	0	0	0.78	0.78	0.78	100
Bromoform (ug/L)	OW-306AR	15	0.78	0	0	0.78	0.78	0.78	100
Bromoform (ug/L)	MW-109ARR	22	0.78	0	0	0.78	0.78	0.78	100
Bromoform (ug/L)	MW-502A	21	0.78	0	0	0.78	0.78	0.78	100
Bromoform (ug/L)	MW-404A	22	0.78	0	0	0.78	0.78	0.78	100
Bromoform (ug/L)	P-504B (bg)	15	0.78	0	0	0.78	0.78	0.78	100
Bromoform (ug/L)	P-503B (bg)	20	0.78	0	0	0.78	0.78	0.78	100
Bromoform (ug/L)	MW-108AR	19	0.78	0	0	0.78	0.78	0.78	100
Bromoform (ug/L)	MW-505A (bg)	18	0.78	0	0	0.78	0.78	0.78	100
Bromoform (ug/L)	MW-501A	21	0.78	0	0	0.78	0.78	0.78	100
Bromoform (ug/L)	MW-605	15	0.78	0	0	0.78	0.78	0.78	100
Bromoform (ug/L)	MW-604	15	0.78	0	0	0.78	0.78	0.78	100
Bromomethane (ug/L)	MW-102A	22	1.074	0.1198	0.02555	1.1	0.538	1.1	95.45
Bromomethane (ug/L)	OW-301A	19	1.018	0.2471	0.05669	1.1	0.263	1.1	89.47
Bromomethane (ug/L)	MW-201A	24	0.9774	0.285	0.05818	1.1	0.242	1.1	83.33
Bromomethane (ug/L)	MW-103A	24	1.013	0.239	0.04878	1.1	0.285	1.1	87.5
Bromomethane (ug/L)	MW-114AR	22	1.047	0.1748	0.03728	1.1	0.425	1.1	90.91
Bromomethane (ug/L)	MW-120AR (bg)	24	1.068	0.1551	0.03167	1.1	0.34	1.1	95.83
Bromomethane (ug/L)	P-105B	22	1.029	0.2331	0.04969	1.1	0.224	1.1	90.91
Bromomethane (ug/L)	P-108B	22	1.07	0.1403	0.02991	1.1	0.442	1.1	95.45
Bromomethane (ug/L)	MW-403A	22	1.077	0.106	0.02259	1.1	0.603	1.1	95.45
Bromomethane (ug/L)	P-114BR	22	1.069	0.145	0.03091	1.1	0.42	1.1	95.45
Bromomethane (ug/L)	MW-204A	24	1.065	0.1723	0.03517	1.1	0.256	1.1	95.83
Bromomethane (ug/L)	P-120B (bg)	22	1.067	0.1565	0.03336	1.1	0.366	1.1	95.45
Bromomethane (ug/L)	MW-137A	23	1.068	0.1526	0.03183	1.1	0.368	1.1	95.65
Bromomethane (ug/L)	MW-202A	24	1.042	0.1966	0.04014	1.1	0.38	1.1	91.67
Bromomethane (ug/L)	MW-401A	23	1.006	0.2499	0.0521	1.1	0.304	1.1	86.96
Bromomethane (ug/L)	MW-402A	22	1.026	0.241	0.05139	1.1	0.24	1.1	90.91
Bromomethane (ug/L)	OW-306AR	15	1.1	0	0	1.1	1.1	1.1	100
Bromomethane (ug/L)	MW-109ARR	22	1.031	0.2233	0.0476	1.1	0.288	1.1	90.91
Bromomethane (ug/L)	MW-502A	21	1.039	0.2052	0.04479	1.1	0.229	1.1	90.48
Bromomethane (ug/L)	MW-404A	22	1.024	0.2462	0.0525	1.1	0.24	1.1	90.91
Bromomethane (ug/L)	P-504B (bg)	15	1.059	0.1606	0.04147	1.1	0.478	1.1	93.33
Bromomethane (ug/L)	P-503B (bg)	20	1.07	0.1326	0.02965	1.1	0.507	1.1	95
Bromomethane (ug/L)	MW-108AR	19	1.025	0.226	0.05185	1.1	0.337	1.1	89.47
Bromomethane (ug/L)	MW-505A (bg)	18	1.1	0	0	1.1	1.1	1.1	100
Bromomethane (ug/L)	MW-501A	21	1.006	0.2418	0.05276	1.1	0.292	1.1	85.71
Bromomethane (ug/L)	MW-605	15	1.1	0	0	1.1	1.1	1.1	100
Bromomethane (ug/L)	MW-604	15	1.1	0	0	1.1	1.1	1.1	100
Carbon disulfide (ug/L)	MW-102A	22	0.45	0	0	0.45	0.45	0.45	100
Carbon disulfide (ug/L)	OW-301A	19	0.45	2.7e-9	6.3e-10	0.45	0.45	0.45	94.74
Carbon disulfide (ug/L)	MW-201A	24	0.45	0	0	0.45	0.45	0.45	100
Carbon disulfide (ug/L)	MW-103A	24	0.45	0	0	0.45	0.45	0.45	100
Carbon disulfide (ug/L)	MW-114AR	22	0.4489	0.00533	0.001136	0.45	0.425	0.45	95.45
Carbon disulfide (ug/L)	MW-120AR (bg)	24	0.45	0	0	0.45	0.45	0.45	100

Box & Whiskers Plot

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 2:20 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Min.	Max.	%NDs
Carbon disulfide (ug/L)	P-105B	22	0.45	0	0	0.45	0.45	0.45	100
Carbon disulfide (ug/L)	P-108B	22	0.45	0	0	0.45	0.45	0.45	100
Carbon disulfide (ug/L)	MW-403A	22	0.45	0	0	0.45	0.45	0.45	100
Carbon disulfide (ug/L)	P-114BR	22	0.45	0	0	0.45	0.45	0.45	100
Carbon disulfide (ug/L)	MW-204A	24	0.45	0	0	0.45	0.45	0.45	100
Carbon disulfide (ug/L)	P-120B (bg)	22	0.45	0	0	0.45	0.45	0.45	100
Carbon disulfide (ug/L)	MW-137A	23	0.45	0	0	0.45	0.45	0.45	100
Carbon disulfide (ug/L)	MW-202A	24	0.45	0	0	0.45	0.45	0.45	100
Carbon disulfide (ug/L)	MW-401A	23	0.45	0	0	0.45	0.45	0.45	100
Carbon disulfide (ug/L)	MW-402A	22	0.4405	0.04456	0.0095	0.45	0.241	0.45	95.45
Carbon disulfide (ug/L)	OW-306AR	15	0.45	0	0	0.45	0.45	0.45	100
Carbon disulfide (ug/L)	MW-109ARR	22	0.45	0	0	0.45	0.45	0.45	100
Carbon disulfide (ug/L)	MW-502A	21	0.45	0	0	0.45	0.45	0.45	100
Carbon disulfide (ug/L)	MW-404A	22	0.45	0	0	0.45	0.45	0.45	100
Carbon disulfide (ug/L)	P-504B (bg)	15	0.4317	0.07075	0.01827	0.45	0.176	0.45	93.33
Carbon disulfide (ug/L)	P-503B (bg)	20	0.4381	0.05322	0.0119	0.45	0.212	0.45	95
Carbon disulfide (ug/L)	MW-108AR	19	0.45	0	0	0.45	0.45	0.45	100
Carbon disulfide (ug/L)	MW-505A (bg)	18	0.4554	0.0231	0.005444	0.45	0.45	0.548	94.44
Carbon disulfide (ug/L)	MW-501A	21	0.45	0	0	0.45	0.45	0.45	100
Carbon disulfide (ug/L)	MW-605	15	0.45	0	0	0.45	0.45	0.45	100
Carbon disulfide (ug/L)	MW-604	15	0.45	0	0	0.45	0.45	0.45	100
Carbon Tetrachloride (ug/L)	MW-102A	22	0.65	0	0	0.65	0.65	0.65	100
Carbon Tetrachloride (ug/L)	OW-301A	19	0.65	0	0	0.65	0.65	0.65	100
Carbon Tetrachloride (ug/L)	MW-201A	24	0.65	0	0	0.65	0.65	0.65	100
Carbon Tetrachloride (ug/L)	MW-103A	24	0.65	0	0	0.65	0.65	0.65	100
Carbon Tetrachloride (ug/L)	MW-114AR	22	0.65	0	0	0.65	0.65	0.65	100
Carbon Tetrachloride (ug/L)	MW-120AR (bg)	24	0.65	0	0	0.65	0.65	0.65	100
Carbon Tetrachloride (ug/L)	P-105B	22	0.65	0	0	0.65	0.65	0.65	100
Carbon Tetrachloride (ug/L)	P-108B	22	0.65	0	0	0.65	0.65	0.65	100
Carbon Tetrachloride (ug/L)	MW-403A	22	0.65	0	0	0.65	0.65	0.65	100
Carbon Tetrachloride (ug/L)	P-114BR	22	0.65	0	0	0.65	0.65	0.65	100
Carbon Tetrachloride (ug/L)	MW-204A	24	0.65	0	0	0.65	0.65	0.65	100
Carbon Tetrachloride (ug/L)	P-120B (bg)	22	0.65	0	0	0.65	0.65	0.65	100
Carbon Tetrachloride (ug/L)	MW-137A	23	0.65	0	0	0.65	0.65	0.65	100
Carbon Tetrachloride (ug/L)	MW-202A	24	0.65	0	0	0.65	0.65	0.65	100
Carbon Tetrachloride (ug/L)	MW-401A	23	0.65	0	0	0.65	0.65	0.65	100
Carbon Tetrachloride (ug/L)	MW-402A	22	0.65	0	0	0.65	0.65	0.65	100
Carbon Tetrachloride (ug/L)	OW-306AR	15	0.65	0	0	0.65	0.65	0.65	100
Carbon Tetrachloride (ug/L)	MW-109ARR	22	0.65	0	0	0.65	0.65	0.65	100
Carbon Tetrachloride (ug/L)	MW-502A	21	0.65	0	0	0.65	0.65	0.65	100
Carbon Tetrachloride (ug/L)	MW-404A	22	0.65	0	0	0.65	0.65	0.65	100
Carbon Tetrachloride (ug/L)	P-504B (bg)	15	0.65	0	0	0.65	0.65	0.65	100
Carbon Tetrachloride (ug/L)	P-503B (bg)	20	0.65	0	0	0.65	0.65	0.65	100
Carbon Tetrachloride (ug/L)	MW-108AR	19	0.65	0	0	0.65	0.65	0.65	100
Carbon Tetrachloride (ug/L)	MW-505A (bg)	18	0.65	0	0	0.65	0.65	0.65	100
Carbon Tetrachloride (ug/L)	MW-501A	21	0.65	0	0	0.65	0.65	0.65	100
Carbon Tetrachloride (ug/L)	MW-605	15	0.65	0	0	0.65	0.65	0.65	100
Carbon Tetrachloride (ug/L)	MW-604	15	0.65	0	0	0.65	0.65	0.65	100
Chlorobenzene (ug/L)	MW-102A	22	0.4	0	0	0.4	0.4	0.4	100
Chlorobenzene (ug/L)	OW-301A	19	0.4	0	0	0.4	0.4	0.4	100

Box & Whiskers Plot

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 2:20 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Min.	Max.	%NDs
Chlorobenzene (ug/L)	MW-201A	24	0.4	0	0	0.4	0.4	0.4	100
Chlorobenzene (ug/L)	MW-103A	24	0.4	0	0	0.4	0.4	0.4	100
Chlorobenzene (ug/L)	MW-114AR	22	0.4	0	0	0.4	0.4	0.4	100
Chlorobenzene (ug/L)	MW-120AR (bg)	24	0.4	0	0	0.4	0.4	0.4	100
Chlorobenzene (ug/L)	P-105B	22	0.4	0	0	0.4	0.4	0.4	100
Chlorobenzene (ug/L)	P-108B	22	0.4	0	0	0.4	0.4	0.4	100
Chlorobenzene (ug/L)	MW-403A	22	0.4	0	0	0.4	0.4	0.4	100
Chlorobenzene (ug/L)	P-114BR	22	0.4	0	0	0.4	0.4	0.4	100
Chlorobenzene (ug/L)	MW-204A	24	0.4	0	0	0.4	0.4	0.4	100
Chlorobenzene (ug/L)	P-120B (bg)	22	0.4	0	0	0.4	0.4	0.4	100
Chlorobenzene (ug/L)	MW-137A	23	0.4	0	0	0.4	0.4	0.4	100
Chlorobenzene (ug/L)	MW-202A	24	0.4	0	0	0.4	0.4	0.4	100
Chlorobenzene (ug/L)	MW-401A	23	0.4	0	0	0.4	0.4	0.4	100
Chlorobenzene (ug/L)	MW-402A	22	0.4	0	0	0.4	0.4	0.4	100
Chlorobenzene (ug/L)	OW-306AR	15	0.4	0	0	0.4	0.4	0.4	100
Chlorobenzene (ug/L)	MW-109ARR	22	0.4	0	0	0.4	0.4	0.4	100
Chlorobenzene (ug/L)	MW-502A	21	0.4	0	0	0.4	0.4	0.4	100
Chlorobenzene (ug/L)	MW-404A	22	0.4	0	0	0.4	0.4	0.4	100
Chlorobenzene (ug/L)	P-504B (bg)	15	0.4	0	0	0.4	0.4	0.4	100
Chlorobenzene (ug/L)	P-503B (bg)	20	0.4	0	0	0.4	0.4	0.4	100
Chlorobenzene (ug/L)	MW-108AR	19	0.4	0	0	0.4	0.4	0.4	100
Chlorobenzene (ug/L)	MW-505A (bg)	18	0.4	0	0	0.4	0.4	0.4	100
Chlorobenzene (ug/L)	MW-501A	21	0.4	0	0	0.4	0.4	0.4	100
Chlorobenzene (ug/L)	MW-605	15	0.4	0	0	0.4	0.4	0.4	100
Chlorobenzene (ug/L)	MW-604	15	0.4	0	0	0.4	0.4	0.4	100
Chloroform (ug/L)	MW-102A	22	1.3	0	0	1.3	1.3	1.3	100
Chloroform (ug/L)	OW-301A	19	1.3	0	0	1.3	1.3	1.3	100
Chloroform (ug/L)	MW-201A	24	1.3	0	0	1.3	1.3	1.3	100
Chloroform (ug/L)	MW-103A	24	1.3	0	0	1.3	1.3	1.3	100
Chloroform (ug/L)	MW-114AR	22	1.3	0	0	1.3	1.3	1.3	100
Chloroform (ug/L)	MW-120AR (bg)	24	1.3	0	0	1.3	1.3	1.3	100
Chloroform (ug/L)	P-105B	22	1.3	0	0	1.3	1.3	1.3	100
Chloroform (ug/L)	P-108B	22	1.3	0	0	1.3	1.3	1.3	100
Chloroform (ug/L)	MW-403A	22	1.3	0	0	1.3	1.3	1.3	100
Chloroform (ug/L)	P-114BR	22	1.3	0	0	1.3	1.3	1.3	100
Chloroform (ug/L)	MW-204A	24	1.3	0	0	1.3	1.3	1.3	100
Chloroform (ug/L)	P-120B (bg)	22	1.3	0	0	1.3	1.3	1.3	100
Chloroform (ug/L)	MW-137A	23	1.3	0	0	1.3	1.3	1.3	100
Chloroform (ug/L)	MW-202A	24	1.3	0	0	1.3	1.3	1.3	100
Chloroform (ug/L)	MW-401A	23	1.3	0	0	1.3	1.3	1.3	100
Chloroform (ug/L)	MW-402A	22	1.3	0	0	1.3	1.3	1.3	100
Chloroform (ug/L)	OW-306AR	15	1.3	0	0	1.3	1.3	1.3	100
Chloroform (ug/L)	MW-109ARR	22	1.3	0	0	1.3	1.3	1.3	100
Chloroform (ug/L)	MW-502A	21	1.3	0	0	1.3	1.3	1.3	100
Chloroform (ug/L)	MW-404A	22	1.3	0	0	1.3	1.3	1.3	100
Chloroform (ug/L)	P-504B (bg)	15	1.3	0	0	1.3	1.3	1.3	100
Chloroform (ug/L)	P-503B (bg)	20	1.3	0	0	1.3	1.3	1.3	100
Chloroform (ug/L)	MW-108AR	19	1.3	0	0	1.3	1.3	1.3	100
Chloroform (ug/L)	MW-505A (bg)	18	1.3	0	0	1.3	1.3	1.3	100
Chloroform (ug/L)	MW-501A	21	1.3	0	0	1.3	1.3	1.3	100

Box & Whiskers Plot

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 2:20 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Min.	Max.	%NDs
Chloroform (ug/L)	MW-605	15	1.3	0	0	1.3	1.3	1.3	100
Chloroform (ug/L)	MW-604	15	1.3	0	0	1.3	1.3	1.3	100
Chloromethane (ug/L)	MW-102A	22	0.6009	0.04264	0.009091	0.61	0.41	0.61	95.45
Chloromethane (ug/L)	OW-301A	19	0.6003	0.04244	0.009737	0.61	0.425	0.61	94.74
Chloromethane (ug/L)	MW-201A	24	0.6185	0.06917	0.01412	0.61	0.498	0.925	91.67
Chloromethane (ug/L)	MW-103A	24	0.5994	0.05185	0.01058	0.61	0.356	0.61	95.83
Chloromethane (ug/L)	MW-114AR	22	0.597	0.06098	0.013	0.61	0.324	0.61	95.45
Chloromethane (ug/L)	MW-120AR (bg)	24	0.61	0	0	0.61	0.61	0.61	100
Chloromethane (ug/L)	P-105B	22	0.5985	0.05373	0.01145	0.61	0.358	0.61	95.45
Chloromethane (ug/L)	P-108B	22	0.61	0	0	0.61	0.61	0.61	100
Chloromethane (ug/L)	MW-403A	22	0.6085	0.069	0.01471	0.61	0.37	0.816	90.91
Chloromethane (ug/L)	P-114BR	22	0.5973	0.05948	0.01268	0.61	0.331	0.61	95.45
Chloromethane (ug/L)	MW-204A	24	0.5999	0.0494	0.01008	0.61	0.368	0.61	95.83
Chloromethane (ug/L)	P-120B (bg)	22	0.6068	0.01492	0.003182	0.61	0.54	0.61	95.45
Chloromethane (ug/L)	MW-137A	23	0.599	0.05296	0.01104	0.61	0.356	0.61	95.65
Chloromethane (ug/L)	MW-202A	24	0.61	0	0	0.61	0.61	0.61	100
Chloromethane (ug/L)	MW-401A	23	0.6069	0.0148	0.003087	0.61	0.539	0.61	95.65
Chloromethane (ug/L)	MW-402A	22	0.6003	0.04541	0.009682	0.61	0.397	0.61	95.45
Chloromethane (ug/L)	OW-306AR	15	0.61	0	0	0.61	0.61	0.61	100
Chloromethane (ug/L)	MW-109ARR	22	0.6004	0.04499	0.009591	0.61	0.399	0.61	95.45
Chloromethane (ug/L)	MW-502A	21	0.5974	0.05783	0.01262	0.61	0.345	0.61	95.24
Chloromethane (ug/L)	MW-404A	22	0.61	0	0	0.61	0.61	0.61	100
Chloromethane (ug/L)	P-504B (bg)	15	0.5967	0.05164	0.01333	0.61	0.41	0.61	93.33
Chloromethane (ug/L)	P-503B (bg)	20	0.61	0	0	0.61	0.61	0.61	100
Chloromethane (ug/L)	MW-108AR	19	0.61	0	0	0.61	0.61	0.61	100
Chloromethane (ug/L)	MW-505A (bg)	18	0.61	0	0	0.61	0.61	0.61	100
Chloromethane (ug/L)	MW-501A	21	0.6001	0.04539	0.009905	0.61	0.402	0.61	95.24
Chloromethane (ug/L)	MW-605	15	0.61	0	0	0.61	0.61	0.61	100
Chloromethane (ug/L)	MW-604	15	0.61	0	0	0.61	0.61	0.61	100
cis-1,2-Dichloroethene (ug/L)	MW-102A	22	0.2996	0.07749	0.01652	0.283	0.21	0.471	18.18
cis-1,2-Dichloroethene (ug/L)	OW-301A	19	0.2906	0.1684	0.03862	0.21	0.139	0.89	52.63
cis-1,2-Dichloroethene (ug/L)	MW-201A	24	1.203	0.3749	0.07653	1.105	0.457	1.91	0
cis-1,2-Dichloroethene (ug/L)	MW-103A	24	0.21	0	0	0.21	0.21	0.21	100
cis-1,2-Dichloroethene (ug/L)	MW-114AR	22	0.21	0	0	0.21	0.21	0.21	100
cis-1,2-Dichloroethene (ug/L)	MW-120AR (bg)	24	0.21	0	0	0.21	0.21	0.21	100
cis-1,2-Dichloroethene (ug/L)	P-105B	22	0.21	0	0	0.21	0.21	0.21	100
cis-1,2-Dichloroethene (ug/L)	P-108B	22	0.21	0	0	0.21	0.21	0.21	100
cis-1,2-Dichloroethene (ug/L)	MW-403A	22	0.21	0	0	0.21	0.21	0.21	100
cis-1,2-Dichloroethene (ug/L)	P-114BR	22	0.21	0	0	0.21	0.21	0.21	100
cis-1,2-Dichloroethene (ug/L)	MW-204A	24	0.21	0	0	0.21	0.21	0.21	100
cis-1,2-Dichloroethene (ug/L)	P-120B (bg)	22	0.21	0	0	0.21	0.21	0.21	100
cis-1,2-Dichloroethene (ug/L)	MW-137A	23	0.21	0	0	0.21	0.21	0.21	100
cis-1,2-Dichloroethene (ug/L)	MW-202A	24	0.21	0	0	0.21	0.21	0.21	100
cis-1,2-Dichloroethene (ug/L)	MW-401A	25	1.212	1.012	0.2025	0.882	0.175	4.42	16
cis-1,2-Dichloroethene (ug/L)	MW-402A	22	0.21	0	0	0.21	0.21	0.21	100
cis-1,2-Dichloroethene (ug/L)	OW-306AR	15	0.21	0	0	0.21	0.21	0.21	100
cis-1,2-Dichloroethene (ug/L)	MW-109ARR	22	0.21	0	0	0.21	0.21	0.21	100
cis-1,2-Dichloroethene (ug/L)	MW-502A	21	0.21	0	0	0.21	0.21	0.21	100
cis-1,2-Dichloroethene (ug/L)	MW-404A	22	0.21	0	0	0.21	0.21	0.21	100
cis-1,2-Dichloroethene (ug/L)	P-504B (bg)	15	0.21	0	0	0.21	0.21	0.21	100

Box & Whiskers Plot

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 2:20 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Min.	Max.	%NDs
cis-1,2-Dichloroethene (ug/L)	P-503B (bg)	20	0.21	0	0	0.21	0.21	0.21	100
cis-1,2-Dichloroethene (ug/L)	MW-108AR	19	0.21	0	0	0.21	0.21	0.21	100
cis-1,2-Dichloroethene (ug/L)	MW-505A (bg)	18	0.21	0	0	0.21	0.21	0.21	100
cis-1,2-Dichloroethene (ug/L)	MW-501A	21	0.21	0	0	0.21	0.21	0.21	100
cis-1,2-Dichloroethene (ug/L)	MW-605	15	0.21	0	0	0.21	0.21	0.21	100
cis-1,2-Dichloroethene (ug/L)	MW-604	15	0.21	0	0	0.21	0.21	0.21	100
cis-1,3-Dichloropropene (ug/L)	MW-102A	22	0.25	0	0	0.25	0.25	0.25	100
cis-1,3-Dichloropropene (ug/L)	OW-301A	19	0.25	0	0	0.25	0.25	0.25	100
cis-1,3-Dichloropropene (ug/L)	MW-201A	24	0.25	0	0	0.25	0.25	0.25	100
cis-1,3-Dichloropropene (ug/L)	MW-103A	24	0.25	0	0	0.25	0.25	0.25	100
cis-1,3-Dichloropropene (ug/L)	MW-114AR	22	0.25	0	0	0.25	0.25	0.25	100
cis-1,3-Dichloropropene (ug/L)	MW-120AR (bg)	24	0.25	0	0	0.25	0.25	0.25	100
cis-1,3-Dichloropropene (ug/L)	P-105B	22	0.25	0	0	0.25	0.25	0.25	100
cis-1,3-Dichloropropene (ug/L)	P-108B	22	0.25	0	0	0.25	0.25	0.25	100
cis-1,3-Dichloropropene (ug/L)	MW-403A	22	0.25	0	0	0.25	0.25	0.25	100
cis-1,3-Dichloropropene (ug/L)	P-114BR	22	0.25	0	0	0.25	0.25	0.25	100
cis-1,3-Dichloropropene (ug/L)	MW-204A	24	0.25	0	0	0.25	0.25	0.25	100
cis-1,3-Dichloropropene (ug/L)	P-120B (bg)	22	0.25	0	0	0.25	0.25	0.25	100
cis-1,3-Dichloropropene (ug/L)	MW-137A	23	0.25	0	0	0.25	0.25	0.25	100
cis-1,3-Dichloropropene (ug/L)	MW-202A	24	0.25	0	0	0.25	0.25	0.25	100
cis-1,3-Dichloropropene (ug/L)	MW-401A	23	0.25	0	0	0.25	0.25	0.25	100
cis-1,3-Dichloropropene (ug/L)	MW-402A	22	0.25	0	0	0.25	0.25	0.25	100
cis-1,3-Dichloropropene (ug/L)	OW-306AR	15	0.25	0	0	0.25	0.25	0.25	100
cis-1,3-Dichloropropene (ug/L)	MW-109ARR	22	0.25	0	0	0.25	0.25	0.25	100
cis-1,3-Dichloropropene (ug/L)	MW-502A	21	0.25	0	0	0.25	0.25	0.25	100
cis-1,3-Dichloropropene (ug/L)	MW-404A	22	0.25	0	0	0.25	0.25	0.25	100
cis-1,3-Dichloropropene (ug/L)	P-504B (bg)	15	0.25	0	0	0.25	0.25	0.25	100
cis-1,3-Dichloropropene (ug/L)	P-503B (bg)	20	0.25	0	0	0.25	0.25	0.25	100
cis-1,3-Dichloropropene (ug/L)	MW-108AR	19	0.25	0	0	0.25	0.25	0.25	100
cis-1,3-Dichloropropene (ug/L)	MW-505A (bg)	18	0.25	0	0	0.25	0.25	0.25	100
cis-1,3-Dichloropropene (ug/L)	MW-501A	21	0.25	0	0	0.25	0.25	0.25	100
cis-1,3-Dichloropropene (ug/L)	MW-605	15	0.25	0	0	0.25	0.25	0.25	100
cis-1,3-Dichloropropene (ug/L)	MW-604	15	0.25	0	0	0.25	0.25	0.25	100
Dibromomethane (ug/L)	MW-102A	22	0.33	0	0	0.33	0.33	0.33	100
Dibromomethane (ug/L)	OW-301A	19	0.33	0	0	0.33	0.33	0.33	100
Dibromomethane (ug/L)	MW-201A	24	0.3238	0.03062	0.00625	0.33	0.18	0.33	95.83
Dibromomethane (ug/L)	MW-103A	24	0.33	0	0	0.33	0.33	0.33	100
Dibromomethane (ug/L)	MW-114AR	22	0.33	0	0	0.33	0.33	0.33	100
Dibromomethane (ug/L)	MW-120AR (bg)	24	0.33	0	0	0.33	0.33	0.33	100
Dibromomethane (ug/L)	P-105B	22	0.33	0	0	0.33	0.33	0.33	100
Dibromomethane (ug/L)	P-108B	22	0.33	0	0	0.33	0.33	0.33	100
Dibromomethane (ug/L)	MW-403A	22	0.33	0	0	0.33	0.33	0.33	100
Dibromomethane (ug/L)	P-114BR	22	0.33	0	0	0.33	0.33	0.33	100
Dibromomethane (ug/L)	MW-204A	24	0.33	0	0	0.33	0.33	0.33	100
Dibromomethane (ug/L)	P-120B (bg)	22	0.33	0	0	0.33	0.33	0.33	100
Dibromomethane (ug/L)	MW-137A	23	0.33	0	0	0.33	0.33	0.33	100
Dibromomethane (ug/L)	MW-202A	24	0.33	0	0	0.33	0.33	0.33	100
Dibromomethane (ug/L)	MW-401A	23	0.33	0	0	0.33	0.33	0.33	100
Dibromomethane (ug/L)	MW-402A	22	0.33	0	0	0.33	0.33	0.33	100
Dibromomethane (ug/L)	OW-306AR	15	0.33	0	0	0.33	0.33	0.33	100

Box & Whiskers Plot

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 2:20 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Min.	Max.	%NDs
Dibromomethane (ug/L)	MW-109ARR	22	0.33	0	0	0.33	0.33	0.33	100
Dibromomethane (ug/L)	MW-502A	21	0.33	0	0	0.33	0.33	0.33	100
Dibromomethane (ug/L)	MW-404A	22	0.33	0	0	0.33	0.33	0.33	100
Dibromomethane (ug/L)	P-504B (bg)	15	0.33	0	0	0.33	0.33	0.33	100
Dibromomethane (ug/L)	P-503B (bg)	20	0.33	0	0	0.33	0.33	0.33	100
Dibromomethane (ug/L)	MW-108AR	19	0.33	0	0	0.33	0.33	0.33	100
Dibromomethane (ug/L)	MW-505A (bg)	18	0.33	0	0	0.33	0.33	0.33	100
Dibromomethane (ug/L)	MW-501A	21	0.33	0	0	0.33	0.33	0.33	100
Dibromomethane (ug/L)	MW-605	15	0.33	0	0	0.33	0.33	0.33	100
Dibromomethane (ug/L)	MW-604	15	0.33	0	0	0.33	0.33	0.33	100
Dichloromethane (ug/L)	MW-102A	18	1.466	0.4723	0.1113	1.7	0.264	1.7	77.78
Dichloromethane (ug/L)	OW-301A	15	1.502	0.4221	0.109	1.7	0.441	1.7	80
Dichloromethane (ug/L)	MW-201A	20	1.407	0.5324	0.1191	1.7	0.273	1.7	75
Dichloromethane (ug/L)	MW-103A	20	1.494	0.4429	0.09904	1.7	0.356	1.7	80
Dichloromethane (ug/L)	MW-114AR	18	1.522	0.4205	0.0991	1.7	0.315	1.7	83.33
Dichloromethane (ug/L)	MW-120AR (bg)	20	1.53	0.4288	0.09588	1.7	0.329	1.7	85
Dichloromethane (ug/L)	P-105B	18	1.416	0.5571	0.1313	1.7	0.179	1.7	77.78
Dichloromethane (ug/L)	P-108B	18	1.502	0.4708	0.111	1.7	0.234	1.7	83.33
Dichloromethane (ug/L)	MW-403A	18	1.449	0.4912	0.1158	1.7	0.326	1.7	77.78
Dichloromethane (ug/L)	P-114BR	18	1.438	0.5084	0.1198	1.7	0.346	1.7	77.78
Dichloromethane (ug/L)	MW-204A	20	1.515	0.4592	0.1027	1.7	0.198	1.7	85
Dichloromethane (ug/L)	P-120B (bg)	18	1.499	0.4818	0.1136	1.7	0.17	1.7	83.33
Dichloromethane (ug/L)	MW-137A	19	1.454	0.4942	0.1134	1.7	0.38	1.7	78.95
Dichloromethane (ug/L)	MW-202A	20	1.444	0.5265	0.1177	1.7	0.312	1.7	80
Dichloromethane (ug/L)	MW-401A	19	1.37	0.5746	0.1318	1.7	0.341	1.7	73.68
Dichloromethane (ug/L)	MW-402A	18	1.365	0.5718	0.1348	1.7	0.215	1.7	72.22
Dichloromethane (ug/L)	OW-306AR	11	1.7	0	0	1.7	1.7	1.7	100
Dichloromethane (ug/L)	MW-109ARR	18	1.436	0.53	0.1249	1.7	0.272	1.7	77.78
Dichloromethane (ug/L)	MW-502A	17	1.516	0.4389	0.1064	1.7	0.314	1.7	82.35
Dichloromethane (ug/L)	MW-404A	18	1.426	0.5354	0.1262	1.7	0.293	1.7	77.78
Dichloromethane (ug/L)	P-504B (bg)	11	1.518	0.4064	0.1225	1.7	0.601	1.7	81.82
Dichloromethane (ug/L)	P-503B (bg)	17	1.373	0.6109	0.1482	1.7	0.191	1.7	76.47
Dichloromethane (ug/L)	MW-108AR	16	1.298	0.6264	0.1566	1.7	0.211	1.7	68.75
Dichloromethane (ug/L)	MW-505A (bg)	14	1.496	0.5208	0.1392	1.7	0.182	1.7	85.71
Dichloromethane (ug/L)	MW-501A	17	1.36	0.5715	0.1386	1.7	0.229	1.7	70.59
Dichloromethane (ug/L)	MW-605	11	1.7	0	0	1.7	1.7	1.7	100
Dichloromethane (ug/L)	MW-604	11	1.7	0	0	1.7	1.7	1.7	100
Ethylbenzene (ug/L)	MW-102A	22	0.3101	0.0006396	0.0001364	0.31	0.31	0.313	95.45
Ethylbenzene (ug/L)	OW-301A	19	0.31	0	0	0.31	0.31	0.31	100
Ethylbenzene (ug/L)	MW-201A	24	0.31	0	0	0.31	0.31	0.31	100
Ethylbenzene (ug/L)	MW-103A	24	0.31	0	0	0.31	0.31	0.31	100
Ethylbenzene (ug/L)	MW-114AR	22	0.31	0	0	0.31	0.31	0.31	100
Ethylbenzene (ug/L)	MW-120AR (bg)	24	0.31	0	0	0.31	0.31	0.31	100
Ethylbenzene (ug/L)	P-105B	22	0.31	0	0	0.31	0.31	0.31	100
Ethylbenzene (ug/L)	P-108B	22	0.31	0	0	0.31	0.31	0.31	100
Ethylbenzene (ug/L)	MW-403A	22	0.316	0.02814	0.006	0.31	0.31	0.442	95.45
Ethylbenzene (ug/L)	P-114BR	22	0.31	0	0	0.31	0.31	0.31	100
Ethylbenzene (ug/L)	MW-204A	24	0.31	0	0	0.31	0.31	0.31	100
Ethylbenzene (ug/L)	P-120B (bg)	22	0.31	0	0	0.31	0.31	0.31	100
Ethylbenzene (ug/L)	MW-137A	23	0.3172	0.03461	0.007217	0.31	0.31	0.476	95.65

Box & Whiskers Plot

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Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Min.	Max.	%NDs
Ethylbenzene (ug/L)	MW-202A	24	0.31	0	0	0.31	0.31	0.31	100
Ethylbenzene (ug/L)	MW-401A	23	0.31	0	0	0.31	0.31	0.31	100
Ethylbenzene (ug/L)	MW-402A	22	0.3115	0.006822	0.001455	0.31	0.31	0.342	95.45
Ethylbenzene (ug/L)	OW-306AR	15	0.31	0	0	0.31	0.31	0.31	100
Ethylbenzene (ug/L)	MW-109ARR	22	0.31	0	0	0.31	0.31	0.31	100
Ethylbenzene (ug/L)	MW-502A	21	0.31	0	0	0.31	0.31	0.31	100
Ethylbenzene (ug/L)	MW-404A	22	0.31	0	0	0.31	0.31	0.31	100
Ethylbenzene (ug/L)	P-504B (bg)	15	0.31	0	0	0.31	0.31	0.31	100
Ethylbenzene (ug/L)	P-503B (bg)	20	0.31	0	0	0.31	0.31	0.31	100
Ethylbenzene (ug/L)	MW-108AR	19	0.31	0	0	0.31	0.31	0.31	100
Ethylbenzene (ug/L)	MW-505A (bg)	18	0.31	0	0	0.31	0.31	0.31	100
Ethylbenzene (ug/L)	MW-501A	21	0.31	0	0	0.31	0.31	0.31	100
Ethylbenzene (ug/L)	MW-605	15	0.31	0	0	0.31	0.31	0.31	100
Ethylbenzene (ug/L)	MW-604	15	0.31	0	0	0.31	0.31	0.31	100
Iodomethane (ug/L)	MW-102A	22	7	0	0	7	7	7	100
Iodomethane (ug/L)	OW-301A	19	7	0	0	7	7	7	100
Iodomethane (ug/L)	MW-201A	24	7	0	0	7	7	7	100
Iodomethane (ug/L)	MW-103A	24	7	0	0	7	7	7	100
Iodomethane (ug/L)	MW-114AR	22	7	0	0	7	7	7	100
Iodomethane (ug/L)	MW-120AR (bg)	24	7	0	0	7	7	7	100
Iodomethane (ug/L)	P-105B	22	7	0	0	7	7	7	100
Iodomethane (ug/L)	P-108B	22	7	0	0	7	7	7	100
Iodomethane (ug/L)	MW-403A	22	7	0	0	7	7	7	100
Iodomethane (ug/L)	P-114BR	22	7	0	0	7	7	7	100
Iodomethane (ug/L)	MW-204A	24	7	0	0	7	7	7	100
Iodomethane (ug/L)	P-120B (bg)	22	7	0	0	7	7	7	100
Iodomethane (ug/L)	MW-137A	23	7	0	0	7	7	7	100
Iodomethane (ug/L)	MW-202A	24	7	0	0	7	7	7	100
Iodomethane (ug/L)	MW-401A	23	7	0	0	7	7	7	100
Iodomethane (ug/L)	MW-402A	22	7	0	0	7	7	7	100
Iodomethane (ug/L)	OW-306AR	15	7	0	0	7	7	7	100
Iodomethane (ug/L)	MW-109ARR	22	7	0	0	7	7	7	100
Iodomethane (ug/L)	MW-502A	21	7	0	0	7	7	7	100
Iodomethane (ug/L)	MW-404A	22	7	0	0	7	7	7	100
Iodomethane (ug/L)	P-504B (bg)	15	7	0	0	7	7	7	100
Iodomethane (ug/L)	P-503B (bg)	20	7	0	0	7	7	7	100
Iodomethane (ug/L)	MW-108AR	19	7	0	0	7	7	7	100
Iodomethane (ug/L)	MW-505A (bg)	18	7	0	0	7	7	7	100
Iodomethane (ug/L)	MW-501A	21	7	0	0	7	7	7	100
Iodomethane (ug/L)	MW-605	15	7	0	0	7	7	7	100
Iodomethane (ug/L)	MW-604	15	7	0	0	7	7	7	100
Methylene chloride (ug/L)	MW-102A	4	1.7	0	0	1.7	1.7	1.7	100
Methylene chloride (ug/L)	OW-301A	4	1.7	0	0	1.7	1.7	1.7	100
Methylene chloride (ug/L)	MW-201A	4	1.7	0	0	1.7	1.7	1.7	100
Methylene chloride (ug/L)	MW-103A	4	1.7	0	0	1.7	1.7	1.7	100
Methylene chloride (ug/L)	MW-114AR	4	1.7	0	0	1.7	1.7	1.7	100
Methylene chloride (ug/L)	MW-120AR (bg)	4	1.7	0	0	1.7	1.7	1.7	100
Methylene chloride (ug/L)	P-105B	4	1.7	0	0	1.7	1.7	1.7	100
Methylene chloride (ug/L)	P-108B	4	1.7	0	0	1.7	1.7	1.7	100
Methylene chloride (ug/L)	MW-403A	4	1.7	0	0	1.7	1.7	1.7	100

Box & Whiskers Plot

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Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Min.	Max.	%NDs
Methylene chloride (ug/L)	P-114BR	4	1.7	0	0	1.7	1.7	1.7	100
Methylene chloride (ug/L)	MW-204A	4	1.7	0	0	1.7	1.7	1.7	100
Methylene chloride (ug/L)	P-120B (bg)	4	1.7	0	0	1.7	1.7	1.7	100
Methylene chloride (ug/L)	MW-137A	4	1.7	0	0	1.7	1.7	1.7	100
Methylene chloride (ug/L)	MW-202A	4	1.7	0	0	1.7	1.7	1.7	100
Methylene chloride (ug/L)	MW-401A	4	1.7	0	0	1.7	1.7	1.7	100
Methylene chloride (ug/L)	MW-402A	4	1.7	0	0	1.7	1.7	1.7	100
Methylene chloride (ug/L)	OW-306AR	4	1.7	0	0	1.7	1.7	1.7	100
Methylene chloride (ug/L)	MW-109ARR	4	1.7	0	0	1.7	1.7	1.7	100
Methylene chloride (ug/L)	MW-502A	4	1.7	0	0	1.7	1.7	1.7	100
Methylene chloride (ug/L)	MW-404A	4	1.7	0	0	1.7	1.7	1.7	100
Methylene chloride (ug/L)	P-504B (bg)	4	1.7	0	0	1.7	1.7	1.7	100
Methylene chloride (ug/L)	P-503B (bg)	3	1.7	0	0	1.7	1.7	1.7	100
Methylene chloride (ug/L)	MW-108AR	3	1.7	0	0	1.7	1.7	1.7	100
Methylene chloride (ug/L)	MW-505A (bg)	4	1.7	0	0	1.7	1.7	1.7	100
Methylene chloride (ug/L)	MW-501A	4	1.7	0	0	1.7	1.7	1.7	100
Methylene chloride (ug/L)	MW-605	4	1.7	0	0	1.7	1.7	1.7	100
Methylene chloride (ug/L)	MW-604	4	1.7	0	0	1.7	1.7	1.7	100
Styrene (ug/L)	MW-102A	22	0.37	0	0	0.37	0.37	0.37	100
Styrene (ug/L)	OW-301A	19	0.37	0	0	0.37	0.37	0.37	100
Styrene (ug/L)	MW-201A	24	0.37	0	0	0.37	0.37	0.37	100
Styrene (ug/L)	MW-103A	24	0.37	0	0	0.37	0.37	0.37	100
Styrene (ug/L)	MW-114AR	22	0.37	0	0	0.37	0.37	0.37	100
Styrene (ug/L)	MW-120AR (bg)	24	0.37	0	0	0.37	0.37	0.37	100
Styrene (ug/L)	P-105B	22	0.37	0	0	0.37	0.37	0.37	100
Styrene (ug/L)	P-108B	22	0.37	0	0	0.37	0.37	0.37	100
Styrene (ug/L)	MW-403A	22	0.37	0	0	0.37	0.37	0.37	100
Styrene (ug/L)	P-114BR	22	0.37	0	0	0.37	0.37	0.37	100
Styrene (ug/L)	MW-204A	24	0.37	0	0	0.37	0.37	0.37	100
Styrene (ug/L)	P-120B (bg)	22	0.37	0	0	0.37	0.37	0.37	100
Styrene (ug/L)	MW-137A	23	0.37	0	0	0.37	0.37	0.37	100
Styrene (ug/L)	MW-202A	24	0.37	0	0	0.37	0.37	0.37	100
Styrene (ug/L)	MW-401A	23	0.37	0	0	0.37	0.37	0.37	100
Styrene (ug/L)	MW-402A	22	0.37	0	0	0.37	0.37	0.37	100
Styrene (ug/L)	OW-306AR	15	0.37	0	0	0.37	0.37	0.37	100
Styrene (ug/L)	MW-109ARR	22	0.37	0	0	0.37	0.37	0.37	100
Styrene (ug/L)	MW-502A	21	0.37	0	0	0.37	0.37	0.37	100
Styrene (ug/L)	MW-404A	22	0.37	0	0	0.37	0.37	0.37	100
Styrene (ug/L)	P-504B (bg)	15	0.37	0	0	0.37	0.37	0.37	100
Styrene (ug/L)	P-503B (bg)	20	0.37	0	0	0.37	0.37	0.37	100
Styrene (ug/L)	MW-108AR	19	0.37	0	0	0.37	0.37	0.37	100
Styrene (ug/L)	MW-505A (bg)	18	0.37	0	0	0.37	0.37	0.37	100
Styrene (ug/L)	MW-501A	21	0.37	0	0	0.37	0.37	0.37	100
Styrene (ug/L)	MW-605	15	0.37	0	0	0.37	0.37	0.37	100
Styrene (ug/L)	MW-604	15	0.37	0	0	0.37	0.37	0.37	100
Tetrachloroethene (ug/L)	MW-102A	22	0.48	0	0	0.48	0.48	0.48	100
Tetrachloroethene (ug/L)	OW-301A	18	0.48	0	0	0.48	0.48	0.48	100
Tetrachloroethene (ug/L)	MW-201A	24	0.48	0	0	0.48	0.48	0.48	100
Tetrachloroethene (ug/L)	MW-103A	24	0.48	0	0	0.48	0.48	0.48	100
Tetrachloroethene (ug/L)	MW-114AR	22	0.48	0	0	0.48	0.48	0.48	100

Box & Whiskers Plot

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 2:20 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Min.	Max.	%NDs
Tetrachloroethene (ug/L)	MW-120AR (bg)	24	0.48	0	0	0.48	0.48	0.48	100
Tetrachloroethene (ug/L)	P-105B	22	0.48	0	0	0.48	0.48	0.48	100
Tetrachloroethene (ug/L)	P-108B	22	0.48	0	0	0.48	0.48	0.48	100
Tetrachloroethene (ug/L)	MW-403A	22	0.48	0	0	0.48	0.48	0.48	100
Tetrachloroethene (ug/L)	P-114BR	22	0.48	0	0	0.48	0.48	0.48	100
Tetrachloroethene (ug/L)	MW-204A	24	0.48	0	0	0.48	0.48	0.48	100
Tetrachloroethene (ug/L)	P-120B (bg)	22	0.48	0	0	0.48	0.48	0.48	100
Tetrachloroethene (ug/L)	MW-137A	23	0.48	0	0	0.48	0.48	0.48	100
Tetrachloroethene (ug/L)	MW-202A	24	0.48	0	0	0.48	0.48	0.48	100
Tetrachloroethene (ug/L)	MW-401A	23	0.48	0	0	0.48	0.48	0.48	100
Tetrachloroethene (ug/L)	MW-402A	22	0.48	0	0	0.48	0.48	0.48	100
Tetrachloroethene (ug/L)	OW-306AR	15	0.48	0	0	0.48	0.48	0.48	100
Tetrachloroethene (ug/L)	MW-109ARR	22	0.48	0	0	0.48	0.48	0.48	100
Tetrachloroethene (ug/L)	MW-502A	21	0.48	0	0	0.48	0.48	0.48	100
Tetrachloroethene (ug/L)	MW-404A	22	0.48	0	0	0.48	0.48	0.48	100
Tetrachloroethene (ug/L)	P-504B (bg)	15	0.48	0	0	0.48	0.48	0.48	100
Tetrachloroethene (ug/L)	P-503B (bg)	20	0.48	0	0	0.48	0.48	0.48	100
Tetrachloroethene (ug/L)	MW-108AR	19	0.48	0	0	0.48	0.48	0.48	100
Tetrachloroethene (ug/L)	MW-505A (bg)	18	0.48	0	0	0.48	0.48	0.48	100
Tetrachloroethene (ug/L)	MW-501A	21	0.48	0	0	0.48	0.48	0.48	100
Tetrachloroethene (ug/L)	MW-605	15	0.48	0	0	0.48	0.48	0.48	100
Tetrachloroethene (ug/L)	MW-604	15	0.48	0	0	0.48	0.48	0.48	100
Toluene (ug/L)	MW-102A	22	0.4427	0.0597	0.01273	0.43	0.43	0.71	95.45
Toluene (ug/L)	OW-301A	18	0.43	0	0	0.43	0.43	0.43	100
Toluene (ug/L)	MW-201A	24	0.4374	0.03613	0.007375	0.43	0.43	0.607	95.83
Toluene (ug/L)	MW-103A	24	0.4409	0.05328	0.01087	0.43	0.43	0.691	95.83
Toluene (ug/L)	MW-114AR	22	0.43	0	0	0.43	0.43	0.43	100
Toluene (ug/L)	MW-120AR (bg)	24	0.425	0.02449	0.005	0.43	0.31	0.43	95.83
Toluene (ug/L)	P-105B	22	0.43	0	0	0.43	0.43	0.43	100
Toluene (ug/L)	P-108B	22	0.43	0	0	0.43	0.43	0.43	100
Toluene (ug/L)	MW-403A	23	0.4709	0.196	0.04087	0.43	0.43	1.37	95.65
Toluene (ug/L)	P-114BR	22	0.4308	0.003624	0.0007727	0.43	0.43	0.447	95.45
Toluene (ug/L)	MW-204A	24	0.4184	0.05695	0.01163	0.43	0.151	0.43	95.83
Toluene (ug/L)	P-120B (bg)	22	0.43	0	0	0.43	0.43	0.43	100
Toluene (ug/L)	MW-137A	23	0.4348	0.02315	0.004826	0.43	0.43	0.541	95.65
Toluene (ug/L)	MW-202A	24	0.43	0	0	0.43	0.43	0.43	100
Toluene (ug/L)	MW-401A	24	0.446	0.07859	0.01604	0.43	0.43	0.815	95.83
Toluene (ug/L)	MW-402A	23	0.4557	0.123	0.02565	0.43	0.43	1.02	95.65
Toluene (ug/L)	OW-306AR	15	0.43	0	0	0.43	0.43	0.43	100
Toluene (ug/L)	MW-109ARR	22	0.43	0	0	0.43	0.43	0.43	100
Toluene (ug/L)	MW-502A	21	0.43	0	0	0.43	0.43	0.43	100
Toluene (ug/L)	MW-404A	22	0.43	0	0	0.43	0.43	0.43	100
Toluene (ug/L)	P-504B (bg)	15	0.43	0	0	0.43	0.43	0.43	100
Toluene (ug/L)	P-503B (bg)	20	0.43	0	0	0.43	0.43	0.43	100
Toluene (ug/L)	MW-108AR	19	0.43	0	0	0.43	0.43	0.43	100
Toluene (ug/L)	MW-505A (bg)	18	0.43	0	0	0.43	0.43	0.43	100
Toluene (ug/L)	MW-501A	21	0.43	0	0	0.43	0.43	0.43	100
Toluene (ug/L)	MW-605	15	0.43	0	0	0.43	0.43	0.43	100
Toluene (ug/L)	MW-604	15	0.43	0	0	0.43	0.43	0.43	100
trans-1,2-Dichloroethene (ug/L)	MW-102A	22	0.27	0	0	0.27	0.27	0.27	100

Box & Whiskers Plot

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 2:20 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Min.	Max.	%NDs
trans-1,2-Dichloroethene (ug/L)	OW-301A	19	0.27	0	0	0.27	0.27	0.27	100
trans-1,2-Dichloroethene (ug/L)	MW-201A	24	0.2775	0.02647	0.005402	0.27	0.266	0.394	83.33
trans-1,2-Dichloroethene (ug/L)	MW-103A	24	0.27	0	0	0.27	0.27	0.27	100
trans-1,2-Dichloroethene (ug/L)	MW-114AR	22	0.27	0	0	0.27	0.27	0.27	100
trans-1,2-Dichloroethene (ug/L)	MW-120AR (bg)	24	0.27	0	0	0.27	0.27	0.27	100
trans-1,2-Dichloroethene (ug/L)	P-105B	22	0.27	0	0	0.27	0.27	0.27	100
trans-1,2-Dichloroethene (ug/L)	P-108B	22	0.27	0	0	0.27	0.27	0.27	100
trans-1,2-Dichloroethene (ug/L)	MW-403A	22	0.27	0	0	0.27	0.27	0.27	100
trans-1,2-Dichloroethene (ug/L)	P-114BR	22	0.27	0	0	0.27	0.27	0.27	100
trans-1,2-Dichloroethene (ug/L)	MW-204A	24	0.27	0	0	0.27	0.27	0.27	100
trans-1,2-Dichloroethene (ug/L)	P-120B (bg)	22	0.27	0	0	0.27	0.27	0.27	100
trans-1,2-Dichloroethene (ug/L)	MW-137A	23	0.27	0	0	0.27	0.27	0.27	100
trans-1,2-Dichloroethene (ug/L)	MW-202A	24	0.27	0	0	0.27	0.27	0.27	100
trans-1,2-Dichloroethene (ug/L)	MW-401A	23	0.2751	0.0246	0.00513	0.27	0.27	0.388	95.65
trans-1,2-Dichloroethene (ug/L)	MW-402A	22	0.27	0	0	0.27	0.27	0.27	100
trans-1,2-Dichloroethene (ug/L)	OW-306AR	15	0.27	0	0	0.27	0.27	0.27	100
trans-1,2-Dichloroethene (ug/L)	MW-109ARR	22	0.27	0	0	0.27	0.27	0.27	100
trans-1,2-Dichloroethene (ug/L)	MW-502A	21	0.27	0	0	0.27	0.27	0.27	100
trans-1,2-Dichloroethene (ug/L)	MW-404A	22	0.27	0	0	0.27	0.27	0.27	100
trans-1,2-Dichloroethene (ug/L)	P-504B (bg)	15	0.27	0	0	0.27	0.27	0.27	100
trans-1,2-Dichloroethene (ug/L)	P-503B (bg)	20	0.27	0	0	0.27	0.27	0.27	100
trans-1,2-Dichloroethene (ug/L)	MW-108AR	19	0.27	0	0	0.27	0.27	0.27	100
trans-1,2-Dichloroethene (ug/L)	MW-505A (bg)	18	0.27	0	0	0.27	0.27	0.27	100
trans-1,2-Dichloroethene (ug/L)	MW-501A	21	0.27	0	0	0.27	0.27	0.27	100
trans-1,2-Dichloroethene (ug/L)	MW-605	15	0.27	0	0	0.27	0.27	0.27	100
trans-1,2-Dichloroethene (ug/L)	MW-604	15	0.27	0	0	0.27	0.27	0.27	100
trans-1,3-Dichloropropene (ug/L)	MW-102A	22	0.56	0	0	0.56	0.56	0.56	100
trans-1,3-Dichloropropene (ug/L)	OW-301A	19	0.56	0	0	0.56	0.56	0.56	100
trans-1,3-Dichloropropene (ug/L)	MW-201A	24	0.56	0	0	0.56	0.56	0.56	100
trans-1,3-Dichloropropene (ug/L)	MW-103A	24	0.56	0	0	0.56	0.56	0.56	100
trans-1,3-Dichloropropene (ug/L)	MW-114AR	22	0.56	0	0	0.56	0.56	0.56	100
trans-1,3-Dichloropropene (ug/L)	MW-120AR (bg)	24	0.56	0	0	0.56	0.56	0.56	100
trans-1,3-Dichloropropene (ug/L)	P-105B	22	0.56	0	0	0.56	0.56	0.56	100
trans-1,3-Dichloropropene (ug/L)	P-108B	22	0.56	0	0	0.56	0.56	0.56	100
trans-1,3-Dichloropropene (ug/L)	MW-403A	22	0.56	0	0	0.56	0.56	0.56	100
trans-1,3-Dichloropropene (ug/L)	P-114BR	22	0.56	0	0	0.56	0.56	0.56	100
trans-1,3-Dichloropropene (ug/L)	MW-204A	24	0.56	0	0	0.56	0.56	0.56	100
trans-1,3-Dichloropropene (ug/L)	P-120B (bg)	22	0.56	0	0	0.56	0.56	0.56	100
trans-1,3-Dichloropropene (ug/L)	MW-137A	23	0.56	0	0	0.56	0.56	0.56	100
trans-1,3-Dichloropropene (ug/L)	MW-202A	24	0.56	0	0	0.56	0.56	0.56	100
trans-1,3-Dichloropropene (ug/L)	MW-401A	23	0.56	0	0	0.56	0.56	0.56	100
trans-1,3-Dichloropropene (ug/L)	MW-402A	22	0.56	0	0	0.56	0.56	0.56	100
trans-1,3-Dichloropropene (ug/L)	OW-306AR	15	0.56	0	0	0.56	0.56	0.56	100
trans-1,3-Dichloropropene (ug/L)	MW-109ARR	22	0.56	0	0	0.56	0.56	0.56	100
trans-1,3-Dichloropropene (ug/L)	MW-502A	21	0.56	0	0	0.56	0.56	0.56	100
trans-1,3-Dichloropropene (ug/L)	MW-404A	22	0.56	0	0	0.56	0.56	0.56	100
trans-1,3-Dichloropropene (ug/L)	P-504B (bg)	15	0.56	0	0	0.56	0.56	0.56	100
trans-1,3-Dichloropropene (ug/L)	P-503B (bg)	20	0.56	0	0	0.56	0.56	0.56	100
trans-1,3-Dichloropropene (ug/L)	MW-108AR	19	0.56	0	0	0.56	0.56	0.56	100
trans-1,3-Dichloropropene (ug/L)	MW-505A (bg)	18	0.56	0	0	0.56	0.56	0.56	100

Box & Whiskers Plot

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 2:20 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Min.	Max.	%NDs
trans-1,3-Dichloropropene (ug/L)	MW-501A	21	0.56	0	0	0.56	0.56	0.56	100
trans-1,3-Dichloropropene (ug/L)	MW-605	15	0.56	0	0	0.56	0.56	0.56	100
trans-1,3-Dichloropropene (ug/L)	MW-604	15	0.56	0	0	0.56	0.56	0.56	100
trans-1,4-Dichloro-2-butene (ug/L)	MW-102A	22	1.1	0	0	1.1	1.1	1.1	100
trans-1,4-Dichloro-2-butene (ug/L)	OW-301A	19	1.1	0	0	1.1	1.1	1.1	100
trans-1,4-Dichloro-2-butene (ug/L)	MW-201A	24	1.1	0	0	1.1	1.1	1.1	100
trans-1,4-Dichloro-2-butene (ug/L)	MW-103A	24	1.1	0	0	1.1	1.1	1.1	100
trans-1,4-Dichloro-2-butene (ug/L)	MW-114AR	22	1.1	0	0	1.1	1.1	1.1	100
trans-1,4-Dichloro-2-butene (ug/L)	MW-120AR (bg)	24	1.1	0	0	1.1	1.1	1.1	100
trans-1,4-Dichloro-2-butene (ug/L)	P-105B	22	1.1	0	0	1.1	1.1	1.1	100
trans-1,4-Dichloro-2-butene (ug/L)	P-108B	22	1.1	0	0	1.1	1.1	1.1	100
trans-1,4-Dichloro-2-butene (ug/L)	MW-403A	22	1.1	0	0	1.1	1.1	1.1	100
trans-1,4-Dichloro-2-butene (ug/L)	P-114BR	22	1.1	0	0	1.1	1.1	1.1	100
trans-1,4-Dichloro-2-butene (ug/L)	MW-204A	24	1.1	0	0	1.1	1.1	1.1	100
trans-1,4-Dichloro-2-butene (ug/L)	P-120B (bg)	22	1.1	0	0	1.1	1.1	1.1	100
trans-1,4-Dichloro-2-butene (ug/L)	MW-137A	23	1.1	0	0	1.1	1.1	1.1	100
trans-1,4-Dichloro-2-butene (ug/L)	MW-202A	24	1.1	0	0	1.1	1.1	1.1	100
trans-1,4-Dichloro-2-butene (ug/L)	MW-401A	23	1.1	0	0	1.1	1.1	1.1	100
trans-1,4-Dichloro-2-butene (ug/L)	MW-402A	22	1.1	0	0	1.1	1.1	1.1	100
trans-1,4-Dichloro-2-butene (ug/L)	OW-306AR	15	1.1	0	0	1.1	1.1	1.1	100
trans-1,4-Dichloro-2-butene (ug/L)	MW-109ARR	22	1.1	0	0	1.1	1.1	1.1	100
trans-1,4-Dichloro-2-butene (ug/L)	MW-502A	21	1.1	0	0	1.1	1.1	1.1	100
trans-1,4-Dichloro-2-butene (ug/L)	MW-404A	22	1.1	0	0	1.1	1.1	1.1	100
trans-1,4-Dichloro-2-butene (ug/L)	P-504B (bg)	15	1.1	0	0	1.1	1.1	1.1	100
trans-1,4-Dichloro-2-butene (ug/L)	P-503B (bg)	20	1.1	0	0	1.1	1.1	1.1	100
trans-1,4-Dichloro-2-butene (ug/L)	MW-108AR	19	1.1	0	0	1.1	1.1	1.1	100
trans-1,4-Dichloro-2-butene (ug/L)	MW-505A (bg)	18	1.1	0	0	1.1	1.1	1.1	100
trans-1,4-Dichloro-2-butene (ug/L)	MW-501A	21	1.1	0	0	1.1	1.1	1.1	100
trans-1,4-Dichloro-2-butene (ug/L)	MW-605	15	1.1	0	0	1.1	1.1	1.1	100
trans-1,4-Dichloro-2-butene (ug/L)	MW-604	15	1.1	0	0	1.1	1.1	1.1	100
Trichloroethene (ug/L)	MW-102A	22	0.4243	0.02665	0.005682	0.43	0.305	0.43	95.45
Trichloroethene (ug/L)	OW-301A	18	0.43	0	0	0.43	0.43	0.43	100
Trichloroethene (ug/L)	MW-201A	24	0.4255	0.02225	0.004542	0.43	0.321	0.43	95.83
Trichloroethene (ug/L)	MW-103A	24	0.43	0	0	0.43	0.43	0.43	100
Trichloroethene (ug/L)	MW-114AR	22	0.43	0	0	0.43	0.43	0.43	100
Trichloroethene (ug/L)	MW-120AR (bg)	24	0.43	0	0	0.43	0.43	0.43	100
Trichloroethene (ug/L)	P-105B	22	0.4312	0.005756	0.001227	0.43	0.43	0.457	95.45
Trichloroethene (ug/L)	P-108B	22	0.4195	0.04925	0.0105	0.43	0.199	0.43	95.45
Trichloroethene (ug/L)	MW-403A	22	0.43	0	0	0.43	0.43	0.43	100
Trichloroethene (ug/L)	P-114BR	22	0.43	0	0	0.43	0.43	0.43	100
Trichloroethene (ug/L)	MW-204A	24	0.43	0	0	0.43	0.43	0.43	100
Trichloroethene (ug/L)	P-120B (bg)	22	0.43	0	0	0.43	0.43	0.43	100
Trichloroethene (ug/L)	MW-137A	23	0.43	0	0	0.43	0.43	0.43	100
Trichloroethene (ug/L)	MW-202A	24	0.43	0	0	0.43	0.43	0.43	100
Trichloroethene (ug/L)	MW-401A	23	0.4469	0.1114	0.02322	0.43	0.292	0.94	86.96
Trichloroethene (ug/L)	MW-402A	22	0.4211	0.04157	0.008864	0.43	0.235	0.43	95.45
Trichloroethene (ug/L)	OW-306AR	15	0.43	0	0	0.43	0.43	0.43	100
Trichloroethene (ug/L)	MW-109ARR	22	0.43	0	0	0.43	0.43	0.43	100
Trichloroethene (ug/L)	MW-502A	21	0.43	0	0	0.43	0.43	0.43	100
Trichloroethene (ug/L)	MW-404A	22	0.43	0	0	0.43	0.43	0.43	100

Box & Whiskers Plot

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 2:20 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Min.	Max.	%NDs
Trichloroethene (ug/L)	P-504B (bg)	15	0.43	0	0	0.43	0.43	0.43	100
Trichloroethene (ug/L)	P-503B (bg)	20	0.43	0	0	0.43	0.43	0.43	100
Trichloroethene (ug/L)	MW-108AR	19	0.43	0	0	0.43	0.43	0.43	100
Trichloroethene (ug/L)	MW-505A (bg)	18	0.43	0	0	0.43	0.43	0.43	100
Trichloroethene (ug/L)	MW-501A	21	0.43	0	0	0.43	0.43	0.43	100
Trichloroethene (ug/L)	MW-605	15	0.43	0	0	0.43	0.43	0.43	100
Trichloroethene (ug/L)	MW-604	15	0.43	0	0	0.43	0.43	0.43	100
Vinyl Acetate (ug/L)	MW-102A	22	2.5	0	0	2.5	2.5	2.5	100
Vinyl Acetate (ug/L)	OW-301A	18	2.5	0	0	2.5	2.5	2.5	100
Vinyl Acetate (ug/L)	MW-201A	24	2.5	0	0	2.5	2.5	2.5	100
Vinyl Acetate (ug/L)	MW-103A	24	2.5	0	0	2.5	2.5	2.5	100
Vinyl Acetate (ug/L)	MW-114AR	22	2.5	0	0	2.5	2.5	2.5	100
Vinyl Acetate (ug/L)	MW-120AR (bg)	24	2.5	0	0	2.5	2.5	2.5	100
Vinyl Acetate (ug/L)	P-105B	22	2.5	0	0	2.5	2.5	2.5	100
Vinyl Acetate (ug/L)	P-108B	22	2.5	0	0	2.5	2.5	2.5	100
Vinyl Acetate (ug/L)	MW-403A	22	2.5	0	0	2.5	2.5	2.5	100
Vinyl Acetate (ug/L)	P-114BR	22	2.5	0	0	2.5	2.5	2.5	100
Vinyl Acetate (ug/L)	MW-204A	24	2.5	0	0	2.5	2.5	2.5	100
Vinyl Acetate (ug/L)	P-120B (bg)	22	2.5	0	0	2.5	2.5	2.5	100
Vinyl Acetate (ug/L)	MW-137A	23	2.5	0	0	2.5	2.5	2.5	100
Vinyl Acetate (ug/L)	MW-202A	24	2.5	0	0	2.5	2.5	2.5	100
Vinyl Acetate (ug/L)	MW-401A	23	2.5	0	0	2.5	2.5	2.5	100
Vinyl Acetate (ug/L)	MW-402A	22	2.5	0	0	2.5	2.5	2.5	100
Vinyl Acetate (ug/L)	OW-306AR	15	2.5	0	0	2.5	2.5	2.5	100
Vinyl Acetate (ug/L)	MW-109ARR	22	2.5	0	0	2.5	2.5	2.5	100
Vinyl Acetate (ug/L)	MW-502A	21	2.5	0	0	2.5	2.5	2.5	100
Vinyl Acetate (ug/L)	MW-404A	22	2.5	0	0	2.5	2.5	2.5	100
Vinyl Acetate (ug/L)	P-504B (bg)	15	2.5	0	0	2.5	2.5	2.5	100
Vinyl Acetate (ug/L)	P-503B (bg)	20	2.5	0	0	2.5	2.5	2.5	100
Vinyl Acetate (ug/L)	MW-108AR	19	2.5	0	0	2.5	2.5	2.5	100
Vinyl Acetate (ug/L)	MW-505A (bg)	18	2.5	0	0	2.5	2.5	2.5	100
Vinyl Acetate (ug/L)	MW-501A	21	2.5	0	0	2.5	2.5	2.5	100
Vinyl Acetate (ug/L)	MW-605	15	2.5	0	0	2.5	2.5	2.5	100
Vinyl Acetate (ug/L)	MW-604	15	2.5	0	0	2.5	2.5	2.5	100
Vinyl chloride (ug/L)	MW-102A	22	0.3557	0.1652	0.03522	0.303	0.18	0.761	31.82
Vinyl chloride (ug/L)	OW-301A	18	0.18	0	0	0.18	0.18	0.18	100
Vinyl chloride (ug/L)	MW-201A	24	0.224	0.1989	0.04061	0.18	0.105	1.14	87.5
Vinyl chloride (ug/L)	MW-103A	24	0.18	0	0	0.18	0.18	0.18	100
Vinyl chloride (ug/L)	MW-114AR	22	0.18	0	0	0.18	0.18	0.18	100
Vinyl chloride (ug/L)	MW-120AR (bg)	24	0.18	0	0	0.18	0.18	0.18	100
Vinyl chloride (ug/L)	P-105B	22	0.18	0	0	0.18	0.18	0.18	100
Vinyl chloride (ug/L)	P-108B	22	0.18	0	0	0.18	0.18	0.18	100
Vinyl chloride (ug/L)	MW-403A	22	0.18	0	0	0.18	0.18	0.18	100
Vinyl chloride (ug/L)	P-114BR	22	0.18	0	0	0.18	0.18	0.18	100
Vinyl chloride (ug/L)	MW-204A	24	0.18	0	0	0.18	0.18	0.18	100
Vinyl chloride (ug/L)	P-120B (bg)	22	0.18	0	0	0.18	0.18	0.18	100
Vinyl chloride (ug/L)	MW-137A	23	0.18	0	0	0.18	0.18	0.18	100
Vinyl chloride (ug/L)	MW-202A	24	0.18	0	0	0.18	0.18	0.18	100
Vinyl chloride (ug/L)	MW-401A	23	0.2159	0.1098	0.02289	0.18	0.131	0.588	69.57
Vinyl chloride (ug/L)	MW-402A	22	0.18	0	0	0.18	0.18	0.18	100

Box & Whiskers Plot

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 2:20 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Min.	Max.	%NDs
Vinyl chloride (ug/L)	OW-306AR	15	0.18	0	0	0.18	0.18	0.18	100
Vinyl chloride (ug/L)	MW-109ARR	22	0.18	0	0	0.18	0.18	0.18	100
Vinyl chloride (ug/L)	MW-502A	21	0.18	0	0	0.18	0.18	0.18	100
Vinyl chloride (ug/L)	MW-404A	22	0.18	0	0	0.18	0.18	0.18	100
Vinyl chloride (ug/L)	P-504B (bg)	15	0.18	0	0	0.18	0.18	0.18	100
Vinyl chloride (ug/L)	P-503B (bg)	20	0.18	0	0	0.18	0.18	0.18	100
Vinyl chloride (ug/L)	MW-108AR	19	0.18	0	0	0.18	0.18	0.18	100
Vinyl chloride (ug/L)	MW-505A (bg)	18	0.18	0	0	0.18	0.18	0.18	100
Vinyl chloride (ug/L)	MW-501A	21	0.1796	0.001964	0.0004286	0.18	0.171	0.18	95.24
Vinyl chloride (ug/L)	MW-605	15	0.18	0	0	0.18	0.18	0.18	100
Vinyl chloride (ug/L)	MW-604	15	0.18	0	0	0.18	0.18	0.18	100
Xylenes, Total (ug/L)	MW-102A	22	0.5199	0.328	0.06994	0.4	0.32	1.74	72.73
Xylenes, Total (ug/L)	OW-301A	19	0.5086	0.3865	0.08867	0.4	0.156	1.94	78.95
Xylenes, Total (ug/L)	MW-201A	24	0.468	0.2152	0.04393	0.4	0.4	1.24	83.33
Xylenes, Total (ug/L)	MW-103A	24	0.4782	0.2304	0.04703	0.4	0.292	1.21	79.17
Xylenes, Total (ug/L)	MW-114AR	22	0.5069	0.3953	0.08427	0.4	0.4	2.25	81.82
Xylenes, Total (ug/L)	MW-120AR (bg)	24	0.7129	0.7671	0.1566	0.4	0.297	3.02	75
Xylenes, Total (ug/L)	P-105B	22	0.447	0.1919	0.04091	0.4	0.287	1.27	81.82
Xylenes, Total (ug/L)	P-108B	22	0.5246	0.4957	0.1057	0.4	0.4	2.72	86.36
Xylenes, Total (ug/L)	MW-403A	22	0.6064	0.4959	0.1057	0.4	0.4	2.35	81.82
Xylenes, Total (ug/L)	P-114BR	22	0.709	0.7846	0.1673	0.4	0.4	3.54	77.27
Xylenes, Total (ug/L)	MW-204A	24	0.491	0.2447	0.04996	0.4	0.4	1.3	83.33
Xylenes, Total (ug/L)	P-120B (bg)	22	0.4197	0.08434	0.01798	0.4	0.197	0.613	77.27
Xylenes, Total (ug/L)	MW-137A	23	0.487	0.2046	0.04266	0.4	0.4	1.07	82.61
Xylenes, Total (ug/L)	MW-202A	24	0.4793	0.2594	0.05294	0.4	0.343	1.5	83.33
Xylenes, Total (ug/L)	MW-401A	23	0.5211	0.3173	0.06616	0.4	0.4	1.83	78.26
Xylenes, Total (ug/L)	MW-402A	22	0.4776	0.2204	0.04698	0.4	0.4	1.4	77.27
Xylenes, Total (ug/L)	OW-306AR	15	0.4362	0.1402	0.0362	0.4	0.4	0.943	93.33
Xylenes, Total (ug/L)	MW-109ARR	22	0.4824	0.2197	0.04684	0.4	0.4	1.3	77.27
Xylenes, Total (ug/L)	MW-502A	21	0.5186	0.3928	0.08572	0.4	0.4	2.02	90.48
Xylenes, Total (ug/L)	MW-404A	22	0.4681	0.2158	0.04601	0.4	0.4	1.21	86.36
Xylenes, Total (ug/L)	P-504B (bg)	15	0.508	0.4183	0.108	0.4	0.4	2.02	93.33
Xylenes, Total (ug/L)	P-503B (bg)	20	0.4276	0.1234	0.0276	0.4	0.4	0.952	95
Xylenes, Total (ug/L)	MW-108AR	19	0.5198	0.4156	0.09534	0.4	0.4	2.2	78.95
Xylenes, Total (ug/L)	MW-505A (bg)	18	0.4329	0.1395	0.03289	0.4	0.4	0.992	94.44
Xylenes, Total (ug/L)	MW-501A	21	0.489	0.2893	0.06314	0.4	0.4	1.55	90.48
Xylenes, Total (ug/L)	MW-605	15	0.4	0	0	0.4	0.4	0.4	100
Xylenes, Total (ug/L)	MW-604	15	0.4	0	0	0.4	0.4	0.4	100

Monitoring Wells – Appendix I VOCs

Trend Analysis

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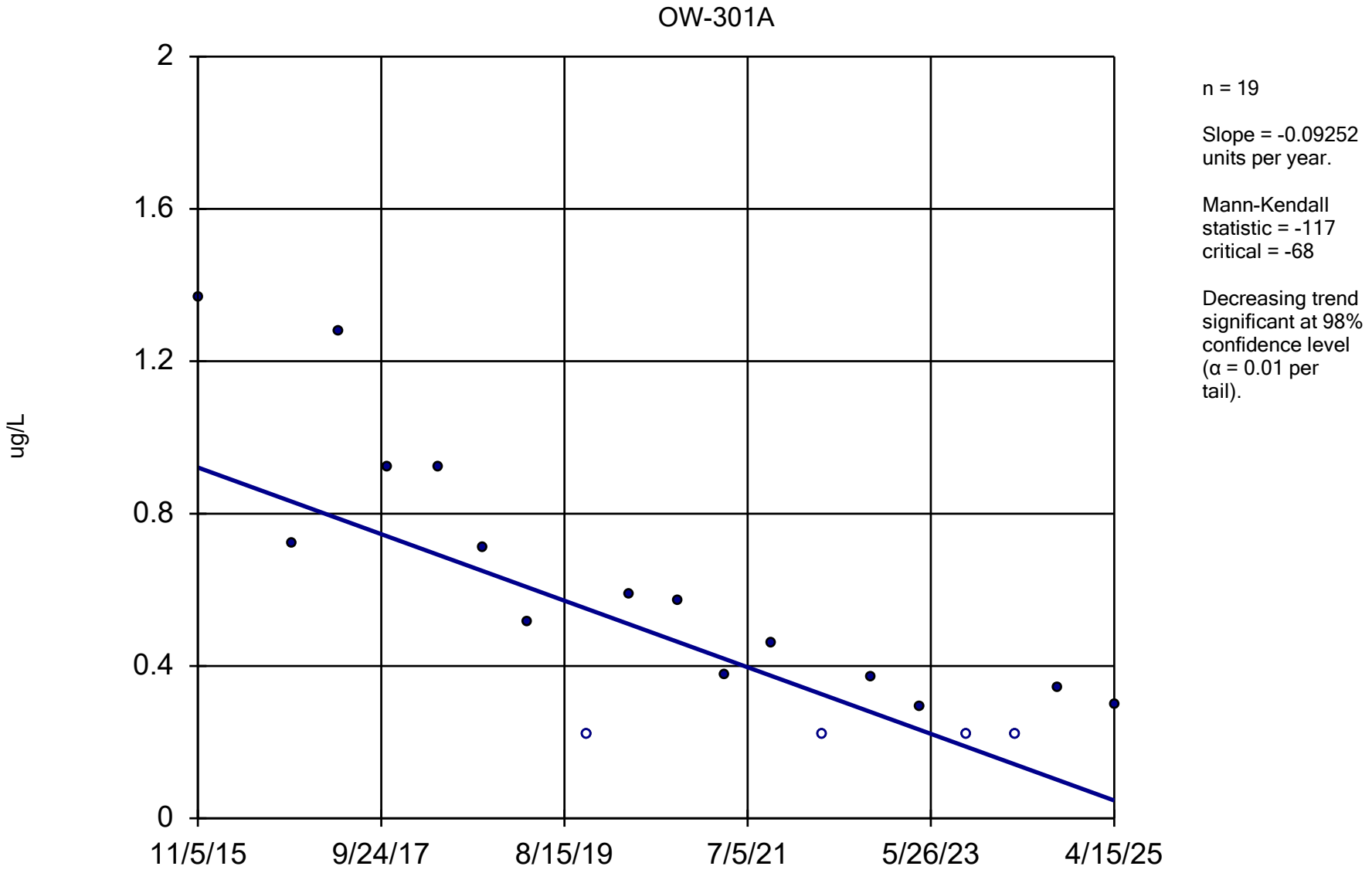
Hollow symbols indicate censored values.

Sen's Slope Estimator



Constituent: 1,1-Dichloroethane Analysis Run 6/12/2025 2:28 PM View: All Wells - Appendix I VOCs

DMASWA Data: DMASWA Database_Updated

Trend Test

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 2:42 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
1,1,1-Trichloroethane (ug/L)	MW-102A	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,1,1-Trichloroethane (ug/L)	OW-301A	0	0	68	No	19	100	n/a	n/a	0.02	NP
1,1,1-Trichloroethane (ug/L)	MW-201A	0	0	95	No	24	100	n/a	n/a	0.02	NP
1,1,1-Trichloroethane (ug/L)	MW-103A	0	0	95	No	24	100	n/a	n/a	0.02	NP
1,1,1-Trichloroethane (ug/L)	MW-114AR	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,1,1-Trichloroethane (ug/L)	MW-120AR ...	0	0	95	No	24	100	n/a	n/a	0.02	NP
1,1,1-Trichloroethane (ug/L)	P-105B	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,1,1-Trichloroethane (ug/L)	P-108B	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,1,1-Trichloroethane (ug/L)	MW-403A	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,1,1-Trichloroethane (ug/L)	P-114BR	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,1,1-Trichloroethane (ug/L)	MW-204A	0	0	95	No	24	100	n/a	n/a	0.02	NP
1,1,1-Trichloroethane (ug/L)	P-120B (bg)	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,1,1-Trichloroethane (ug/L)	MW-137A	0	0	89	No	23	100	n/a	n/a	0.02	NP
1,1,1-Trichloroethane (ug/L)	MW-202A	0	0	95	No	24	100	n/a	n/a	0.02	NP
1,1,1-Trichloroethane (ug/L)	MW-401A	0	0	89	No	23	100	n/a	n/a	0.02	NP
1,1,1-Trichloroethane (ug/L)	MW-402A	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,1,1-Trichloroethane (ug/L)	OW-306AR	0	0	48	No	15	100	n/a	n/a	0.02	NP
1,1,1-Trichloroethane (ug/L)	MW-109ARR	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,1,1-Trichloroethane (ug/L)	MW-502A	0	0	78	No	21	100	n/a	n/a	0.02	NP
1,1,1-Trichloroethane (ug/L)	MW-404A	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,1,1-Trichloroethane (ug/L)	P-504B (bg)	0	0	48	No	15	100	n/a	n/a	0.02	NP
1,1,1-Trichloroethane (ug/L)	P-503B (bg)	0	0	73	No	20	100	n/a	n/a	0.02	NP
1,1,1-Trichloroethane (ug/L)	MW-108AR	0	0	68	No	19	100	n/a	n/a	0.02	NP
1,1,1-Trichloroethane (ug/L)	MW-505A (bg)	0	0	63	No	18	100	n/a	n/a	0.02	NP
1,1,1-Trichloroethane (ug/L)	MW-501A	0	0	78	No	21	100	n/a	n/a	0.02	NP
1,1,1-Trichloroethane (ug/L)	MW-605	0	0	48	No	15	100	n/a	n/a	0.02	NP
1,1,1-Trichloroethane (ug/L)	MW-604	0	0	48	No	15	100	n/a	n/a	0.02	NP
1,1,2,2-Tetrachloroethane (ug/L)	MW-102A	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,1,2,2-Tetrachloroethane (ug/L)	OW-301A	0	0	68	No	19	100	n/a	n/a	0.02	NP
1,1,2,2-Tetrachloroethane (ug/L)	MW-201A	0	0	95	No	24	100	n/a	n/a	0.02	NP
1,1,2,2-Tetrachloroethane (ug/L)	MW-103A	0	0	95	No	24	100	n/a	n/a	0.02	NP
1,1,2,2-Tetrachloroethane (ug/L)	MW-114AR	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,1,2,2-Tetrachloroethane (ug/L)	MW-120AR ...	0	0	95	No	24	100	n/a	n/a	0.02	NP
1,1,2,2-Tetrachloroethane (ug/L)	P-105B	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,1,2,2-Tetrachloroethane (ug/L)	P-108B	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,1,2,2-Tetrachloroethane (ug/L)	MW-403A	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,1,2,2-Tetrachloroethane (ug/L)	P-114BR	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,1,2,2-Tetrachloroethane (ug/L)	MW-204A	0	0	95	No	24	100	n/a	n/a	0.02	NP
1,1,2,2-Tetrachloroethane (ug/L)	P-120B (bg)	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,1,2,2-Tetrachloroethane (ug/L)	MW-137A	0	0	89	No	23	100	n/a	n/a	0.02	NP
1,1,2,2-Tetrachloroethane (ug/L)	MW-202A	0	0	95	No	24	100	n/a	n/a	0.02	NP
1,1,2,2-Tetrachloroethane (ug/L)	MW-401A	0	0	89	No	23	100	n/a	n/a	0.02	NP
1,1,2,2-Tetrachloroethane (ug/L)	MW-402A	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,1,2,2-Tetrachloroethane (ug/L)	OW-306AR	0	0	48	No	15	100	n/a	n/a	0.02	NP
1,1,2,2-Tetrachloroethane (ug/L)	MW-109ARR	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,1,2,2-Tetrachloroethane (ug/L)	MW-502A	0	0	78	No	21	100	n/a	n/a	0.02	NP
1,1,2,2-Tetrachloroethane (ug/L)	MW-404A	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,1,2,2-Tetrachloroethane (ug/L)	P-504B (bg)	0	0	48	No	15	100	n/a	n/a	0.02	NP
1,1,2,2-Tetrachloroethane (ug/L)	P-503B (bg)	0	0	73	No	20	100	n/a	n/a	0.02	NP
1,1,2,2-Tetrachloroethane (ug/L)	MW-108AR	0	0	68	No	19	100	n/a	n/a	0.02	NP

Trend Test

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 2:42 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
1,1,2,2-Tetrachloroethane (ug/L)	MW-505A (bg)	0	0	63	No	18	100	n/a	n/a	0.02	NP
1,1,2,2-Tetrachloroethane (ug/L)	MW-501A	0	0	78	No	21	100	n/a	n/a	0.02	NP
1,1,2,2-Tetrachloroethane (ug/L)	MW-605	0	0	48	No	15	100	n/a	n/a	0.02	NP
1,1,2,2-Tetrachloroethane (ug/L)	MW-604	0	0	48	No	15	100	n/a	n/a	0.02	NP
1,1,2-Trichloroethane (ug/L)	MW-102A	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,1,2-Trichloroethane (ug/L)	OW-301A	0	0	63	No	18	100	n/a	n/a	0.02	NP
1,1,2-Trichloroethane (ug/L)	MW-201A	0	0	95	No	24	100	n/a	n/a	0.02	NP
1,1,2-Trichloroethane (ug/L)	MW-103A	0	0	95	No	24	100	n/a	n/a	0.02	NP
1,1,2-Trichloroethane (ug/L)	MW-114AR	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,1,2-Trichloroethane (ug/L)	MW-120AR ...	0	0	95	No	24	100	n/a	n/a	0.02	NP
1,1,2-Trichloroethane (ug/L)	P-105B	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,1,2-Trichloroethane (ug/L)	P-108B	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,1,2-Trichloroethane (ug/L)	MW-403A	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,1,2-Trichloroethane (ug/L)	P-114BR	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,1,2-Trichloroethane (ug/L)	MW-204A	0	0	95	No	24	100	n/a	n/a	0.02	NP
1,1,2-Trichloroethane (ug/L)	P-120B (bg)	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,1,2-Trichloroethane (ug/L)	MW-137A	0	0	89	No	23	100	n/a	n/a	0.02	NP
1,1,2-Trichloroethane (ug/L)	MW-202A	0	0	95	No	24	100	n/a	n/a	0.02	NP
1,1,2-Trichloroethane (ug/L)	MW-401A	0	0	89	No	23	100	n/a	n/a	0.02	NP
1,1,2-Trichloroethane (ug/L)	MW-402A	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,1,2-Trichloroethane (ug/L)	OW-306AR	0	0	48	No	15	100	n/a	n/a	0.02	NP
1,1,2-Trichloroethane (ug/L)	MW-109ARR	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,1,2-Trichloroethane (ug/L)	MW-502A	0	0	78	No	21	100	n/a	n/a	0.02	NP
1,1,2-Trichloroethane (ug/L)	MW-404A	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,1,2-Trichloroethane (ug/L)	P-504B (bg)	0	0	48	No	15	100	n/a	n/a	0.02	NP
1,1,2-Trichloroethane (ug/L)	P-503B (bg)	0	0	73	No	20	100	n/a	n/a	0.02	NP
1,1,2-Trichloroethane (ug/L)	MW-108AR	0	0	68	No	19	100	n/a	n/a	0.02	NP
1,1,2-Trichloroethane (ug/L)	MW-505A (bg)	0	0	63	No	18	100	n/a	n/a	0.02	NP
1,1,2-Trichloroethane (ug/L)	MW-501A	0	0	78	No	21	100	n/a	n/a	0.02	NP
1,1,2-Trichloroethane (ug/L)	MW-605	0	0	48	No	15	100	n/a	n/a	0.02	NP
1,1,2-Trichloroethane (ug/L)	MW-604	0	0	48	No	15	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-102A	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	**OW-301A**	**-0.09252**	**-117**	**-68**	**Yes**	**19**	**21.05**	**n/a**	**n/a**	**0.02**	**NP**
1,1-Dichloroethane (ug/L)	MW-201A	-0.0433	-55	-95	No	24	0	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-103A	0	0	95	No	24	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-114AR	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-120AR ...	0	0	95	No	24	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	P-105B	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	P-108B	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-403A	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	P-114BR	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-204A	0	0	95	No	24	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	P-120B (bg)	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-137A	0	0	89	No	23	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-202A	0	0	95	No	24	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-401A	0	47	89	No	23	73.91	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-402A	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	OW-306AR	0	0	48	No	15	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-109ARR	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-502A	0	0	78	No	21	100	n/a	n/a	0.02	NP

Trend Test

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 2:42 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
1,1-Dichloroethane (ug/L)	MW-404A	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	P-504B (bg)	0	0	48	No	15	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	P-503B (bg)	0	0	73	No	20	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-108AR	0	0	68	No	19	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-505A (bg)	0	0	63	No	18	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-501A	0	0	78	No	21	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-605	0	0	48	No	15	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	MW-604	0	0	48	No	15	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-102A	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	OW-301A	0	0	68	No	19	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-201A	0	0	95	No	24	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-103A	0	0	95	No	24	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-114AR	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-120AR ...	0	0	95	No	24	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	P-105B	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	P-108B	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-403A	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	P-114BR	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-204A	0	0	95	No	24	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	P-120B (bg)	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-137A	0	0	89	No	23	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-202A	0	0	95	No	24	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-401A	0	0	89	No	23	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-402A	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	OW-306AR	0	0	48	No	15	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-109ARR	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-502A	0	0	78	No	21	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-404A	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	P-504B (bg)	0	0	48	No	15	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	P-503B (bg)	0	0	73	No	20	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-108AR	0	0	68	No	19	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-505A (bg)	0	0	63	No	18	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-501A	0	0	78	No	21	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-605	0	0	48	No	15	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	MW-604	0	0	48	No	15	100	n/a	n/a	0.02	NP
1,2,3-Trichloropropane (ug/L)	MW-102A	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,2,3-Trichloropropane (ug/L)	OW-301A	0	0	63	No	18	100	n/a	n/a	0.02	NP
1,2,3-Trichloropropane (ug/L)	MW-201A	0	0	95	No	24	100	n/a	n/a	0.02	NP
1,2,3-Trichloropropane (ug/L)	MW-103A	0	0	95	No	24	100	n/a	n/a	0.02	NP
1,2,3-Trichloropropane (ug/L)	MW-114AR	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,2,3-Trichloropropane (ug/L)	MW-120AR ...	0	0	95	No	24	100	n/a	n/a	0.02	NP
1,2,3-Trichloropropane (ug/L)	P-105B	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,2,3-Trichloropropane (ug/L)	P-108B	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,2,3-Trichloropropane (ug/L)	MW-403A	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,2,3-Trichloropropane (ug/L)	P-114BR	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,2,3-Trichloropropane (ug/L)	MW-204A	0	0	95	No	24	100	n/a	n/a	0.02	NP
1,2,3-Trichloropropane (ug/L)	P-120B (bg)	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,2,3-Trichloropropane (ug/L)	MW-137A	0	0	89	No	23	100	n/a	n/a	0.02	NP
1,2,3-Trichloropropane (ug/L)	MW-202A	0	0	95	No	24	100	n/a	n/a	0.02	NP
1,2,3-Trichloropropane (ug/L)	MW-401A	0	0	89	No	23	100	n/a	n/a	0.02	NP

Trend Test

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 2:42 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
1,2,3-Trichloropropane (ug/L)	MW-402A	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,2,3-Trichloropropane (ug/L)	OW-306AR	0	0	48	No	15	100	n/a	n/a	0.02	NP
1,2,3-Trichloropropane (ug/L)	MW-109ARR	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,2,3-Trichloropropane (ug/L)	MW-502A	0	0	78	No	21	100	n/a	n/a	0.02	NP
1,2,3-Trichloropropane (ug/L)	MW-404A	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,2,3-Trichloropropane (ug/L)	P-504B (bg)	0	0	48	No	15	100	n/a	n/a	0.02	NP
1,2,3-Trichloropropane (ug/L)	P-503B (bg)	0	0	73	No	20	100	n/a	n/a	0.02	NP
1,2,3-Trichloropropane (ug/L)	MW-108AR	0	0	68	No	19	100	n/a	n/a	0.02	NP
1,2,3-Trichloropropane (ug/L)	MW-505A (bg)	0	0	63	No	18	100	n/a	n/a	0.02	NP
1,2,3-Trichloropropane (ug/L)	MW-501A	0	0	78	No	21	100	n/a	n/a	0.02	NP
1,2,3-Trichloropropane (ug/L)	MW-605	0	0	48	No	15	100	n/a	n/a	0.02	NP
1,2,3-Trichloropropane (ug/L)	MW-604	0	0	48	No	15	100	n/a	n/a	0.02	NP
1,2-Dibromo-3-chloropropane (ug/L)	MW-102A	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,2-Dibromo-3-chloropropane (ug/L)	OW-301A	0	0	68	No	19	100	n/a	n/a	0.02	NP
1,2-Dibromo-3-chloropropane (ug/L)	MW-201A	0	0	95	No	24	100	n/a	n/a	0.02	NP
1,2-Dibromo-3-chloropropane (ug/L)	MW-103A	0	0	95	No	24	100	n/a	n/a	0.02	NP
1,2-Dibromo-3-chloropropane (ug/L)	MW-114AR	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,2-Dibromo-3-chloropropane (ug/L)	MW-120AR ...	0	0	95	No	24	100	n/a	n/a	0.02	NP
1,2-Dibromo-3-chloropropane (ug/L)	P-105B	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,2-Dibromo-3-chloropropane (ug/L)	P-108B	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,2-Dibromo-3-chloropropane (ug/L)	MW-403A	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,2-Dibromo-3-chloropropane (ug/L)	P-114BR	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,2-Dibromo-3-chloropropane (ug/L)	MW-204A	0	0	95	No	24	100	n/a	n/a	0.02	NP
1,2-Dibromo-3-chloropropane (ug/L)	P-120B (bg)	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,2-Dibromo-3-chloropropane (ug/L)	MW-137A	0	0	89	No	23	100	n/a	n/a	0.02	NP
1,2-Dibromo-3-chloropropane (ug/L)	MW-202A	0	0	95	No	24	100	n/a	n/a	0.02	NP
1,2-Dibromo-3-chloropropane (ug/L)	MW-401A	0	0	89	No	23	100	n/a	n/a	0.02	NP
1,2-Dibromo-3-chloropropane (ug/L)	MW-402A	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,2-Dibromo-3-chloropropane (ug/L)	OW-306AR	0	0	48	No	15	100	n/a	n/a	0.02	NP
1,2-Dibromo-3-chloropropane (ug/L)	MW-109ARR	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,2-Dibromo-3-chloropropane (ug/L)	MW-502A	0	0	78	No	21	100	n/a	n/a	0.02	NP
1,2-Dibromo-3-chloropropane (ug/L)	MW-404A	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,2-Dibromo-3-chloropropane (ug/L)	P-504B (bg)	0	0	48	No	15	100	n/a	n/a	0.02	NP
1,2-Dibromo-3-chloropropane (ug/L)	P-503B (bg)	0	0	73	No	20	100	n/a	n/a	0.02	NP
1,2-Dibromo-3-chloropropane (ug/L)	MW-108AR	0	0	68	No	19	100	n/a	n/a	0.02	NP
1,2-Dibromo-3-chloropropane (ug/L)	MW-505A (bg)	0	0	63	No	18	100	n/a	n/a	0.02	NP
1,2-Dibromo-3-chloropropane (ug/L)	MW-501A	0	0	78	No	21	100	n/a	n/a	0.02	NP
1,2-Dibromo-3-chloropropane (ug/L)	MW-605	0	0	48	No	15	100	n/a	n/a	0.02	NP
1,2-Dibromo-3-chloropropane (ug/L)	MW-604	0	0	48	No	15	100	n/a	n/a	0.02	NP
1,2-Dibromoethane [EDB] (ug/L)	MW-102A	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,2-Dibromoethane [EDB] (ug/L)	OW-301A	0	0	68	No	19	100	n/a	n/a	0.02	NP
1,2-Dibromoethane [EDB] (ug/L)	MW-201A	0	0	95	No	24	100	n/a	n/a	0.02	NP
1,2-Dibromoethane [EDB] (ug/L)	MW-103A	0	0	95	No	24	100	n/a	n/a	0.02	NP
1,2-Dibromoethane [EDB] (ug/L)	MW-114AR	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,2-Dibromoethane [EDB] (ug/L)	MW-120AR ...	0	0	95	No	24	100	n/a	n/a	0.02	NP
1,2-Dibromoethane [EDB] (ug/L)	P-105B	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,2-Dibromoethane [EDB] (ug/L)	P-108B	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,2-Dibromoethane [EDB] (ug/L)	MW-403A	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,2-Dibromoethane [EDB] (ug/L)	P-114BR	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,2-Dibromoethane [EDB] (ug/L)	MW-204A	0	0	95	No	24	100	n/a	n/a	0.02	NP

Trend Test

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 2:42 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
1,2-Dibromoethane [EDB] (ug/L)	P-120B (bg)	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,2-Dibromoethane [EDB] (ug/L)	MW-137A	0	0	89	No	23	100	n/a	n/a	0.02	NP
1,2-Dibromoethane [EDB] (ug/L)	MW-202A	0	0	95	No	24	100	n/a	n/a	0.02	NP
1,2-Dibromoethane [EDB] (ug/L)	MW-401A	0	0	89	No	23	100	n/a	n/a	0.02	NP
1,2-Dibromoethane [EDB] (ug/L)	MW-402A	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,2-Dibromoethane [EDB] (ug/L)	OW-306AR	0	0	48	No	15	100	n/a	n/a	0.02	NP
1,2-Dibromoethane [EDB] (ug/L)	MW-109ARR	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,2-Dibromoethane [EDB] (ug/L)	MW-502A	0	0	78	No	21	100	n/a	n/a	0.02	NP
1,2-Dibromoethane [EDB] (ug/L)	MW-404A	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,2-Dibromoethane [EDB] (ug/L)	P-504B (bg)	0	0	48	No	15	100	n/a	n/a	0.02	NP
1,2-Dibromoethane [EDB] (ug/L)	P-503B (bg)	0	0	73	No	20	100	n/a	n/a	0.02	NP
1,2-Dibromoethane [EDB] (ug/L)	MW-108AR	0	0	68	No	19	100	n/a	n/a	0.02	NP
1,2-Dibromoethane [EDB] (ug/L)	MW-505A (bg)	0	0	63	No	18	100	n/a	n/a	0.02	NP
1,2-Dibromoethane [EDB] (ug/L)	MW-501A	0	0	78	No	21	100	n/a	n/a	0.02	NP
1,2-Dibromoethane [EDB] (ug/L)	MW-605	0	0	48	No	15	100	n/a	n/a	0.02	NP
1,2-Dibromoethane [EDB] (ug/L)	MW-604	0	0	48	No	15	100	n/a	n/a	0.02	NP
1,2-Dichlorobenzene (ug/L)	MW-102A	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,2-Dichlorobenzene (ug/L)	OW-301A	0	0	68	No	19	100	n/a	n/a	0.02	NP
1,2-Dichlorobenzene (ug/L)	MW-201A	0	0	95	No	24	100	n/a	n/a	0.02	NP
1,2-Dichlorobenzene (ug/L)	MW-103A	0	0	95	No	24	100	n/a	n/a	0.02	NP
1,2-Dichlorobenzene (ug/L)	MW-114AR	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,2-Dichlorobenzene (ug/L)	MW-120AR ...	0	0	95	No	24	100	n/a	n/a	0.02	NP
1,2-Dichlorobenzene (ug/L)	P-105B	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,2-Dichlorobenzene (ug/L)	P-108B	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,2-Dichlorobenzene (ug/L)	MW-403A	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,2-Dichlorobenzene (ug/L)	P-114BR	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,2-Dichlorobenzene (ug/L)	MW-204A	0	0	95	No	24	100	n/a	n/a	0.02	NP
1,2-Dichlorobenzene (ug/L)	P-120B (bg)	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,2-Dichlorobenzene (ug/L)	MW-137A	0	0	89	No	23	100	n/a	n/a	0.02	NP
1,2-Dichlorobenzene (ug/L)	MW-202A	0	0	95	No	24	100	n/a	n/a	0.02	NP
1,2-Dichlorobenzene (ug/L)	MW-401A	0	0	89	No	23	100	n/a	n/a	0.02	NP
1,2-Dichlorobenzene (ug/L)	MW-402A	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,2-Dichlorobenzene (ug/L)	OW-306AR	0	0	48	No	15	100	n/a	n/a	0.02	NP
1,2-Dichlorobenzene (ug/L)	MW-109ARR	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,2-Dichlorobenzene (ug/L)	MW-502A	0	0	78	No	21	100	n/a	n/a	0.02	NP
1,2-Dichlorobenzene (ug/L)	MW-404A	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,2-Dichlorobenzene (ug/L)	P-504B (bg)	0	0	48	No	15	100	n/a	n/a	0.02	NP
1,2-Dichlorobenzene (ug/L)	P-503B (bg)	0	0	73	No	20	100	n/a	n/a	0.02	NP
1,2-Dichlorobenzene (ug/L)	MW-108AR	0	0	68	No	19	100	n/a	n/a	0.02	NP
1,2-Dichlorobenzene (ug/L)	MW-505A (bg)	0	0	63	No	18	100	n/a	n/a	0.02	NP
1,2-Dichlorobenzene (ug/L)	MW-501A	0	0	78	No	21	100	n/a	n/a	0.02	NP
1,2-Dichlorobenzene (ug/L)	MW-605	0	0	48	No	15	100	n/a	n/a	0.02	NP
1,2-Dichlorobenzene (ug/L)	MW-604	0	0	48	No	15	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-102A	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	OW-301A	0	0	68	No	19	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-201A	0	0	95	No	24	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-103A	0	0	95	No	24	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-114AR	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-120AR ...	0	0	95	No	24	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	P-105B	0	0	84	No	22	100	n/a	n/a	0.02	NP

Trend Test

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 2:42 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
1,2-Dichloroethane (ug/L)	P-108B	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-403A	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	P-114BR	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-204A	0	0	95	No	24	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	P-120B (bg)	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-137A	0	0	89	No	23	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-202A	0	0	95	No	24	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-401A	0	0	89	No	23	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-402A	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	OW-306AR	0	0	48	No	15	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-109ARR	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-502A	0	0	78	No	21	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-404A	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	P-504B (bg)	0	0	48	No	15	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	P-503B (bg)	0	0	73	No	20	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-108AR	0	0	68	No	19	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-505A (bg)	0	0	63	No	18	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-501A	0	0	78	No	21	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-605	0	0	48	No	15	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	MW-604	0	0	48	No	15	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-102A	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	OW-301A	0	0	68	No	19	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-201A	0	0	95	No	24	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-103A	0	0	95	No	24	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-114AR	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-120AR ...	0	0	95	No	24	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	P-105B	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	P-108B	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-403A	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	P-114BR	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-204A	0	0	95	No	24	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	P-120B (bg)	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-137A	0	0	89	No	23	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-202A	0	0	95	No	24	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-401A	0	0	89	No	23	95.65	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-402A	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	OW-306AR	0	0	48	No	15	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-109ARR	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-502A	0	0	78	No	21	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-404A	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	P-504B (bg)	0	0	48	No	15	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	P-503B (bg)	0	0	73	No	20	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-108AR	0	0	68	No	19	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-505A (bg)	0	0	63	No	18	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-501A	0	0	78	No	21	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-605	0	0	48	No	15	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	MW-604	0	0	48	No	15	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-102A	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	OW-301A	0	0	68	No	19	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-201A	0	0	95	No	24	100	n/a	n/a	0.02	NP

Trend Test

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 2:42 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
1,4-Dichlorobenzene (ug/L)	MW-103A	0	0	95	No	24	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-114AR	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-120AR ...	0	-21	-95	No	24	95.83	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	P-105B	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	P-108B	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-403A	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	P-114BR	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-204A	0	0	95	No	24	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	P-120B (bg)	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-137A	0	0	89	No	23	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-202A	0	0	95	No	24	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-401A	0	0	89	No	23	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-402A	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	OW-306AR	0	0	48	No	15	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-109ARR	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-502A	0	0	78	No	21	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-404A	0	0	84	No	22	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	P-504B (bg)	0	0	48	No	15	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	P-503B (bg)	0	0	73	No	20	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-108AR	0	0	68	No	19	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-505A (bg)	0	0	63	No	18	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-501A	0	0	78	No	21	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-605	0	0	48	No	15	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	MW-604	0	0	48	No	15	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-102A	0	0	84	No	22	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	OW-301A	0	0	68	No	19	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-201A	0	0	95	No	24	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-103A	0	0	95	No	24	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-114AR	0	0	84	No	22	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-120AR ...	0	-23	-95	No	24	95.83	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	P-105B	0	0	84	No	22	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	P-108B	0	19	84	No	22	95.45	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-403A	0	0	84	No	22	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	P-114BR	0	0	84	No	22	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-204A	0	0	95	No	24	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	P-120B (bg)	0	0	84	No	22	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-137A	0	4	89	No	23	95.65	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-202A	0	0	95	No	24	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-401A	0	0	89	No	23	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-402A	0	-19	-84	No	22	95.45	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	OW-306AR	0	0	48	No	15	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-109ARR	0	0	84	No	22	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-502A	0	0	78	No	21	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-404A	0	0	84	No	22	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	P-504B (bg)	0	0	48	No	15	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	P-503B (bg)	0	19	73	No	20	95	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-108AR	0	16	68	No	19	94.74	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-505A (bg)	0	0	63	No	18	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-501A	0	0	78	No	21	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	MW-605	0	0	48	No	15	100	n/a	n/a	0.02	NP

Trend Test

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 2:42 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
2-Butanone [MEK] (ug/L)	MW-604	0	0	48	No	15	100	n/a	n/a	0.02	NP
2-Hexanone (ug/L)	MW-102A	0	0	84	No	22	100	n/a	n/a	0.02	NP
2-Hexanone (ug/L)	OW-301A	0	0	68	No	19	100	n/a	n/a	0.02	NP
2-Hexanone (ug/L)	MW-201A	0	0	95	No	24	100	n/a	n/a	0.02	NP
2-Hexanone (ug/L)	MW-103A	0	0	95	No	24	100	n/a	n/a	0.02	NP
2-Hexanone (ug/L)	MW-114AR	0	0	84	No	22	100	n/a	n/a	0.02	NP
2-Hexanone (ug/L)	MW-120AR ...	0	23	95	No	24	95.83	n/a	n/a	0.02	NP
2-Hexanone (ug/L)	P-105B	0	0	84	No	22	100	n/a	n/a	0.02	NP
2-Hexanone (ug/L)	P-108B	0	0	84	No	22	100	n/a	n/a	0.02	NP
2-Hexanone (ug/L)	MW-403A	0	0	84	No	22	100	n/a	n/a	0.02	NP
2-Hexanone (ug/L)	P-114BR	0	0	84	No	22	100	n/a	n/a	0.02	NP
2-Hexanone (ug/L)	MW-204A	0	0	95	No	24	100	n/a	n/a	0.02	NP
2-Hexanone (ug/L)	P-120B (bg)	0	0	84	No	22	100	n/a	n/a	0.02	NP
2-Hexanone (ug/L)	MW-137A	0	0	89	No	23	100	n/a	n/a	0.02	NP
2-Hexanone (ug/L)	MW-202A	0	0	95	No	24	100	n/a	n/a	0.02	NP
2-Hexanone (ug/L)	MW-401A	0	0	89	No	23	100	n/a	n/a	0.02	NP
2-Hexanone (ug/L)	MW-402A	0	0	84	No	22	100	n/a	n/a	0.02	NP
2-Hexanone (ug/L)	OW-306AR	0	0	48	No	15	100	n/a	n/a	0.02	NP
2-Hexanone (ug/L)	MW-109ARR	0	0	84	No	22	100	n/a	n/a	0.02	NP
2-Hexanone (ug/L)	MW-502A	0	0	78	No	21	100	n/a	n/a	0.02	NP
2-Hexanone (ug/L)	MW-404A	0	0	84	No	22	100	n/a	n/a	0.02	NP
2-Hexanone (ug/L)	P-504B (bg)	0	0	48	No	15	100	n/a	n/a	0.02	NP
2-Hexanone (ug/L)	P-503B (bg)	0	0	73	No	20	100	n/a	n/a	0.02	NP
2-Hexanone (ug/L)	MW-108AR	0	0	68	No	19	100	n/a	n/a	0.02	NP
2-Hexanone (ug/L)	MW-505A (bg)	0	0	63	No	18	100	n/a	n/a	0.02	NP
2-Hexanone (ug/L)	MW-501A	0	0	78	No	21	100	n/a	n/a	0.02	NP
2-Hexanone (ug/L)	MW-605	0	0	48	No	15	100	n/a	n/a	0.02	NP
2-Hexanone (ug/L)	MW-604	0	0	48	No	15	100	n/a	n/a	0.02	NP
4-Methyl-2-pentanone (ug/L)	MW-102A	0	0	84	No	22	100	n/a	n/a	0.02	NP
4-Methyl-2-pentanone (ug/L)	OW-301A	0	0	68	No	19	100	n/a	n/a	0.02	NP
4-Methyl-2-pentanone (ug/L)	MW-201A	0	0	95	No	24	100	n/a	n/a	0.02	NP
4-Methyl-2-pentanone (ug/L)	MW-103A	0	0	95	No	24	100	n/a	n/a	0.02	NP
4-Methyl-2-pentanone (ug/L)	MW-114AR	0	0	84	No	22	100	n/a	n/a	0.02	NP
4-Methyl-2-pentanone (ug/L)	MW-120AR ...	0	0	95	No	24	100	n/a	n/a	0.02	NP
4-Methyl-2-pentanone (ug/L)	P-105B	0	0	84	No	22	100	n/a	n/a	0.02	NP
4-Methyl-2-pentanone (ug/L)	P-108B	0	0	84	No	22	100	n/a	n/a	0.02	NP
4-Methyl-2-pentanone (ug/L)	MW-403A	0	0	84	No	22	100	n/a	n/a	0.02	NP
4-Methyl-2-pentanone (ug/L)	P-114BR	0	0	84	No	22	100	n/a	n/a	0.02	NP
4-Methyl-2-pentanone (ug/L)	MW-204A	0	0	95	No	24	100	n/a	n/a	0.02	NP
4-Methyl-2-pentanone (ug/L)	P-120B (bg)	0	0	84	No	22	100	n/a	n/a	0.02	NP
4-Methyl-2-pentanone (ug/L)	MW-137A	0	4	89	No	23	95.65	n/a	n/a	0.02	NP
4-Methyl-2-pentanone (ug/L)	MW-202A	0	0	95	No	24	100	n/a	n/a	0.02	NP
4-Methyl-2-pentanone (ug/L)	MW-401A	0	0	89	No	23	100	n/a	n/a	0.02	NP
4-Methyl-2-pentanone (ug/L)	MW-402A	0	0	84	No	22	100	n/a	n/a	0.02	NP
4-Methyl-2-pentanone (ug/L)	OW-306AR	0	0	48	No	15	100	n/a	n/a	0.02	NP
4-Methyl-2-pentanone (ug/L)	MW-109ARR	0	0	84	No	22	100	n/a	n/a	0.02	NP
4-Methyl-2-pentanone (ug/L)	MW-502A	0	0	78	No	21	100	n/a	n/a	0.02	NP
4-Methyl-2-pentanone (ug/L)	MW-404A	0	0	84	No	22	100	n/a	n/a	0.02	NP
4-Methyl-2-pentanone (ug/L)	P-504B (bg)	0	0	48	No	15	100	n/a	n/a	0.02	NP
4-Methyl-2-pentanone (ug/L)	P-503B (bg)	0	0	73	No	20	100	n/a	n/a	0.02	NP

Trend Test

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 2:42 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
4-Methyl-2-pentanone (ug/L)	MW-108AR	0	0	68	No	19	100	n/a	n/a	0.02	NP
4-Methyl-2-pentanone (ug/L)	MW-505A (bg)	0	0	63	No	18	100	n/a	n/a	0.02	NP
4-Methyl-2-pentanone (ug/L)	MW-501A	0	0	78	No	21	100	n/a	n/a	0.02	NP
4-Methyl-2-pentanone (ug/L)	MW-605	0	0	48	No	15	100	n/a	n/a	0.02	NP
4-Methyl-2-pentanone (ug/L)	MW-604	0	0	48	No	15	100	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-102A	0	-20	-84	No	22	86.36	n/a	n/a	0.02	NP
Acetone (ug/L)	OW-301A	0	-27	-68	No	19	84.21	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-201A	0	-41	-95	No	24	75	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-103A	0	-21	-95	No	24	79.17	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-114AR	0	7	84	No	22	77.27	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-120AR ...	0	-14	-95	No	24	83.33	n/a	n/a	0.02	NP
Acetone (ug/L)	P-105B	0	-26	-84	No	22	81.82	n/a	n/a	0.02	NP
Acetone (ug/L)	P-108B	0	3	84	No	22	72.73	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-403A	0	-13	-84	No	22	90.91	n/a	n/a	0.02	NP
Acetone (ug/L)	P-114BR	0	11	84	No	22	77.27	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-204A	0	15	95	No	24	79.17	n/a	n/a	0.02	NP
Acetone (ug/L)	P-120B (bg)	0	6	84	No	22	81.82	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-137A	0	23	89	No	23	69.57	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-202A	0	-24	-95	No	24	87.5	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-401A	0	-21	-89	No	23	86.96	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-402A	0	11	84	No	22	77.27	n/a	n/a	0.02	NP
Acetone (ug/L)	OW-306AR	0	-14	-48	No	15	93.33	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-109ARR	0	24	84	No	22	63.64	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-502A	0	-20	-78	No	21	80.95	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-404A	0	-20	-84	No	22	86.36	n/a	n/a	0.02	NP
Acetone (ug/L)	P-504B (bg)	0	14	48	No	15	93.33	n/a	n/a	0.02	NP
Acetone (ug/L)	P-503B (bg)	0	-2	-73	No	20	80	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-108AR	0	-4	-68	No	19	78.95	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-505A (bg)	0	0	63	No	18	100	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-501A	0	6	78	No	21	76.19	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-605	0	-2	-48	No	15	93.33	n/a	n/a	0.02	NP
Acetone (ug/L)	MW-604	0	0	48	No	15	100	n/a	n/a	0.02	NP
Acrylonitrile (ug/L)	MW-102A	0	0	84	No	22	100	n/a	n/a	0.02	NP
Acrylonitrile (ug/L)	OW-301A	0	0	68	No	19	100	n/a	n/a	0.02	NP
Acrylonitrile (ug/L)	MW-201A	0	0	95	No	24	100	n/a	n/a	0.02	NP
Acrylonitrile (ug/L)	MW-103A	0	0	95	No	24	100	n/a	n/a	0.02	NP
Acrylonitrile (ug/L)	MW-114AR	0	0	84	No	22	100	n/a	n/a	0.02	NP
Acrylonitrile (ug/L)	MW-120AR ...	0	0	95	No	24	100	n/a	n/a	0.02	NP
Acrylonitrile (ug/L)	P-105B	0	0	84	No	22	100	n/a	n/a	0.02	NP
Acrylonitrile (ug/L)	P-108B	0	0	84	No	22	100	n/a	n/a	0.02	NP
Acrylonitrile (ug/L)	MW-403A	0	0	84	No	22	100	n/a	n/a	0.02	NP
Acrylonitrile (ug/L)	P-114BR	0	0	84	No	22	100	n/a	n/a	0.02	NP
Acrylonitrile (ug/L)	MW-204A	0	0	95	No	24	100	n/a	n/a	0.02	NP
Acrylonitrile (ug/L)	P-120B (bg)	0	0	84	No	22	100	n/a	n/a	0.02	NP
Acrylonitrile (ug/L)	MW-137A	0	0	89	No	23	100	n/a	n/a	0.02	NP
Acrylonitrile (ug/L)	MW-202A	0	0	95	No	24	100	n/a	n/a	0.02	NP
Acrylonitrile (ug/L)	MW-401A	0	0	89	No	23	100	n/a	n/a	0.02	NP
Acrylonitrile (ug/L)	MW-402A	0	0	84	No	22	100	n/a	n/a	0.02	NP
Acrylonitrile (ug/L)	OW-306AR	0	0	48	No	15	100	n/a	n/a	0.02	NP
Acrylonitrile (ug/L)	MW-109ARR	0	0	84	No	22	100	n/a	n/a	0.02	NP

Trend Test

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 2:42 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Acrylonitrile (ug/L)	MW-502A	0	0	78	No	21	100	n/a	n/a	0.02	NP
Acrylonitrile (ug/L)	MW-404A	0	0	84	No	22	100	n/a	n/a	0.02	NP
Acrylonitrile (ug/L)	P-504B (bg)	0	0	48	No	15	100	n/a	n/a	0.02	NP
Acrylonitrile (ug/L)	P-503B (bg)	0	0	73	No	20	100	n/a	n/a	0.02	NP
Acrylonitrile (ug/L)	MW-108AR	0	0	68	No	19	100	n/a	n/a	0.02	NP
Acrylonitrile (ug/L)	MW-505A (bg)	0	0	63	No	18	100	n/a	n/a	0.02	NP
Acrylonitrile (ug/L)	MW-501A	0	0	78	No	21	100	n/a	n/a	0.02	NP
Acrylonitrile (ug/L)	MW-605	0	0	48	No	15	100	n/a	n/a	0.02	NP
Acrylonitrile (ug/L)	MW-604	0	0	48	No	15	100	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-102A	0	19	84	No	22	95.45	n/a	n/a	0.02	NP
Benzene (ug/L)	OW-301A	0	61	68	No	19	68.42	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-201A	0	91	95	No	24	79.17	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-103A	0	21	95	No	24	95.83	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-114AR	0	0	84	No	22	100	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-120AR ...	0	0	95	No	24	100	n/a	n/a	0.02	NP
Benzene (ug/L)	P-105B	0	0	84	No	22	100	n/a	n/a	0.02	NP
Benzene (ug/L)	P-108B	0	0	84	No	22	100	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-403A	0	18	89	No	23	95.65	n/a	n/a	0.02	NP
Benzene (ug/L)	P-114BR	0	0	84	No	22	100	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-204A	0	0	95	No	24	100	n/a	n/a	0.02	NP
Benzene (ug/L)	P-120B (bg)	0	0	84	No	22	100	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-137A	0	0	89	No	23	100	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-202A	0	0	95	No	24	100	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-401A	0	0	89	No	23	100	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-402A	0	19	84	No	22	95.45	n/a	n/a	0.02	NP
Benzene (ug/L)	OW-306AR	0	0	48	No	15	100	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-109ARR	0	0	84	No	22	100	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-502A	0	0	78	No	21	100	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-404A	0	0	84	No	22	100	n/a	n/a	0.02	NP
Benzene (ug/L)	P-504B (bg)	0	0	48	No	15	100	n/a	n/a	0.02	NP
Benzene (ug/L)	P-503B (bg)	0	0	73	No	20	100	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-108AR	0	0	68	No	19	100	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-505A (bg)	0	0	63	No	18	100	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-501A	0	0	78	No	21	100	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-605	0	0	48	No	15	100	n/a	n/a	0.02	NP
Benzene (ug/L)	MW-604	0	0	48	No	15	100	n/a	n/a	0.02	NP
Bromochloromethane (ug/L)	MW-102A	0	0	84	No	22	100	n/a	n/a	0.02	NP
Bromochloromethane (ug/L)	OW-301A	0	0	68	No	19	100	n/a	n/a	0.02	NP
Bromochloromethane (ug/L)	MW-201A	0	0	95	No	24	100	n/a	n/a	0.02	NP
Bromochloromethane (ug/L)	MW-103A	0	0	95	No	24	100	n/a	n/a	0.02	NP
Bromochloromethane (ug/L)	MW-114AR	0	0	84	No	22	100	n/a	n/a	0.02	NP
Bromochloromethane (ug/L)	MW-120AR ...	0	0	95	No	24	100	n/a	n/a	0.02	NP
Bromochloromethane (ug/L)	P-105B	0	0	84	No	22	100	n/a	n/a	0.02	NP
Bromochloromethane (ug/L)	P-108B	0	0	84	No	22	100	n/a	n/a	0.02	NP
Bromochloromethane (ug/L)	MW-403A	0	0	84	No	22	100	n/a	n/a	0.02	NP
Bromochloromethane (ug/L)	P-114BR	0	0	84	No	22	100	n/a	n/a	0.02	NP
Bromochloromethane (ug/L)	MW-204A	0	0	95	No	24	100	n/a	n/a	0.02	NP
Bromochloromethane (ug/L)	P-120B (bg)	0	0	84	No	22	100	n/a	n/a	0.02	NP
Bromochloromethane (ug/L)	MW-137A	0	0	89	No	23	100	n/a	n/a	0.02	NP
Bromochloromethane (ug/L)	MW-202A	0	0	95	No	24	100	n/a	n/a	0.02	NP

Trend Test

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 2:42 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Bromochloromethane (ug/L)	MW-401A	0	0	89	No	23	100	n/a	n/a	0.02	NP
Bromochloromethane (ug/L)	MW-402A	0	0	84	No	22	100	n/a	n/a	0.02	NP
Bromochloromethane (ug/L)	OW-306AR	0	0	48	No	15	100	n/a	n/a	0.02	NP
Bromochloromethane (ug/L)	MW-109ARR	0	0	84	No	22	100	n/a	n/a	0.02	NP
Bromochloromethane (ug/L)	MW-502A	0	0	78	No	21	100	n/a	n/a	0.02	NP
Bromochloromethane (ug/L)	MW-404A	0	0	84	No	22	100	n/a	n/a	0.02	NP
Bromochloromethane (ug/L)	P-504B (bg)	0	0	48	No	15	100	n/a	n/a	0.02	NP
Bromochloromethane (ug/L)	P-503B (bg)	0	0	73	No	20	100	n/a	n/a	0.02	NP
Bromochloromethane (ug/L)	MW-108AR	0	0	68	No	19	100	n/a	n/a	0.02	NP
Bromochloromethane (ug/L)	MW-505A (bg)	0	0	63	No	18	100	n/a	n/a	0.02	NP
Bromochloromethane (ug/L)	MW-501A	0	0	78	No	21	100	n/a	n/a	0.02	NP
Bromochloromethane (ug/L)	MW-605	0	0	48	No	15	100	n/a	n/a	0.02	NP
Bromochloromethane (ug/L)	MW-604	0	0	48	No	15	100	n/a	n/a	0.02	NP
Bromodichloromethane (ug/L)	MW-102A	0	0	84	No	22	100	n/a	n/a	0.02	NP
Bromodichloromethane (ug/L)	OW-301A	0	0	68	No	19	100	n/a	n/a	0.02	NP
Bromodichloromethane (ug/L)	MW-201A	0	0	95	No	24	100	n/a	n/a	0.02	NP
Bromodichloromethane (ug/L)	MW-103A	0	0	95	No	24	100	n/a	n/a	0.02	NP
Bromodichloromethane (ug/L)	MW-114AR	0	0	84	No	22	100	n/a	n/a	0.02	NP
Bromodichloromethane (ug/L)	MW-120AR ...	0	0	95	No	24	100	n/a	n/a	0.02	NP
Bromodichloromethane (ug/L)	P-105B	0	0	84	No	22	100	n/a	n/a	0.02	NP
Bromodichloromethane (ug/L)	P-108B	0	0	84	No	22	100	n/a	n/a	0.02	NP
Bromodichloromethane (ug/L)	MW-403A	0	0	84	No	22	100	n/a	n/a	0.02	NP
Bromodichloromethane (ug/L)	P-114BR	0	0	84	No	22	100	n/a	n/a	0.02	NP
Bromodichloromethane (ug/L)	MW-204A	0	0	95	No	24	100	n/a	n/a	0.02	NP
Bromodichloromethane (ug/L)	P-120B (bg)	0	0	84	No	22	100	n/a	n/a	0.02	NP
Bromodichloromethane (ug/L)	MW-137A	0	0	89	No	23	100	n/a	n/a	0.02	NP
Bromodichloromethane (ug/L)	MW-202A	0	0	95	No	24	100	n/a	n/a	0.02	NP
Bromodichloromethane (ug/L)	MW-401A	0	0	89	No	23	100	n/a	n/a	0.02	NP
Bromodichloromethane (ug/L)	MW-402A	0	0	84	No	22	100	n/a	n/a	0.02	NP
Bromodichloromethane (ug/L)	OW-306AR	0	0	48	No	15	100	n/a	n/a	0.02	NP
Bromodichloromethane (ug/L)	MW-109ARR	0	0	84	No	22	100	n/a	n/a	0.02	NP
Bromodichloromethane (ug/L)	MW-502A	0	0	78	No	21	100	n/a	n/a	0.02	NP
Bromodichloromethane (ug/L)	MW-404A	0	0	84	No	22	100	n/a	n/a	0.02	NP
Bromodichloromethane (ug/L)	P-504B (bg)	0	0	48	No	15	100	n/a	n/a	0.02	NP
Bromodichloromethane (ug/L)	P-503B (bg)	0	0	73	No	20	100	n/a	n/a	0.02	NP
Bromodichloromethane (ug/L)	MW-108AR	0	0	68	No	19	100	n/a	n/a	0.02	NP
Bromodichloromethane (ug/L)	MW-505A (bg)	0	0	63	No	18	100	n/a	n/a	0.02	NP
Bromodichloromethane (ug/L)	MW-501A	0	0	78	No	21	100	n/a	n/a	0.02	NP
Bromodichloromethane (ug/L)	MW-605	0	0	48	No	15	100	n/a	n/a	0.02	NP
Bromodichloromethane (ug/L)	MW-604	0	0	48	No	15	100	n/a	n/a	0.02	NP
Bromoform (ug/L)	MW-102A	0	0	84	No	22	100	n/a	n/a	0.02	NP
Bromoform (ug/L)	OW-301A	0	0	68	No	19	100	n/a	n/a	0.02	NP
Bromoform (ug/L)	MW-201A	0	0	95	No	24	100	n/a	n/a	0.02	NP
Bromoform (ug/L)	MW-103A	0	0	95	No	24	100	n/a	n/a	0.02	NP
Bromoform (ug/L)	MW-114AR	0	0	84	No	22	100	n/a	n/a	0.02	NP
Bromoform (ug/L)	MW-120AR ...	0	0	95	No	24	100	n/a	n/a	0.02	NP
Bromoform (ug/L)	P-105B	0	0	84	No	22	100	n/a	n/a	0.02	NP
Bromoform (ug/L)	P-108B	0	0	84	No	22	100	n/a	n/a	0.02	NP
Bromoform (ug/L)	MW-403A	0	0	84	No	22	100	n/a	n/a	0.02	NP
Bromoform (ug/L)	P-114BR	0	0	84	No	22	100	n/a	n/a	0.02	NP

Trend Test

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 2:42 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Bromoform (ug/L)	MW-204A	0	0	95	No	24	100	n/a	n/a	0.02	NP
Bromoform (ug/L)	P-120B (bg)	0	0	84	No	22	100	n/a	n/a	0.02	NP
Bromoform (ug/L)	MW-137A	0	0	89	No	23	100	n/a	n/a	0.02	NP
Bromoform (ug/L)	MW-202A	0	0	95	No	24	100	n/a	n/a	0.02	NP
Bromoform (ug/L)	MW-401A	0	0	89	No	23	100	n/a	n/a	0.02	NP
Bromoform (ug/L)	MW-402A	0	0	84	No	22	100	n/a	n/a	0.02	NP
Bromoform (ug/L)	OW-306AR	0	0	48	No	15	100	n/a	n/a	0.02	NP
Bromoform (ug/L)	MW-109ARR	0	0	84	No	22	100	n/a	n/a	0.02	NP
Bromoform (ug/L)	MW-502A	0	0	78	No	21	100	n/a	n/a	0.02	NP
Bromoform (ug/L)	MW-404A	0	0	84	No	22	100	n/a	n/a	0.02	NP
Bromoform (ug/L)	P-504B (bg)	0	0	48	No	15	100	n/a	n/a	0.02	NP
Bromoform (ug/L)	P-503B (bg)	0	0	73	No	20	100	n/a	n/a	0.02	NP
Bromoform (ug/L)	MW-108AR	0	0	68	No	19	100	n/a	n/a	0.02	NP
Bromoform (ug/L)	MW-505A (bg)	0	0	63	No	18	100	n/a	n/a	0.02	NP
Bromoform (ug/L)	MW-501A	0	0	78	No	21	100	n/a	n/a	0.02	NP
Bromoform (ug/L)	MW-605	0	0	48	No	15	100	n/a	n/a	0.02	NP
Bromoform (ug/L)	MW-604	0	0	48	No	15	100	n/a	n/a	0.02	NP
Bromomethane (ug/L)	MW-102A	0	11	84	No	22	95.45	n/a	n/a	0.02	NP
Bromomethane (ug/L)	OW-301A	0	31	68	No	19	89.47	n/a	n/a	0.02	NP
Bromomethane (ug/L)	MW-201A	0	70	95	No	24	83.33	n/a	n/a	0.02	NP
Bromomethane (ug/L)	MW-103A	0	46	95	No	24	87.5	n/a	n/a	0.02	NP
Bromomethane (ug/L)	MW-114AR	0	25	84	No	22	90.91	n/a	n/a	0.02	NP
Bromomethane (ug/L)	MW-120AR ...	0	13	95	No	24	95.83	n/a	n/a	0.02	NP
Bromomethane (ug/L)	P-105B	0	27	84	No	22	90.91	n/a	n/a	0.02	NP
Bromomethane (ug/L)	P-108B	0	11	84	No	22	95.45	n/a	n/a	0.02	NP
Bromomethane (ug/L)	MW-403A	0	11	84	No	22	95.45	n/a	n/a	0.02	NP
Bromomethane (ug/L)	P-114BR	0	11	84	No	22	95.45	n/a	n/a	0.02	NP
Bromomethane (ug/L)	MW-204A	0	13	95	No	24	95.83	n/a	n/a	0.02	NP
Bromomethane (ug/L)	P-120B (bg)	0	11	84	No	22	95.45	n/a	n/a	0.02	NP
Bromomethane (ug/L)	MW-137A	0	12	89	No	23	95.65	n/a	n/a	0.02	NP
Bromomethane (ug/L)	MW-202A	0	27	95	No	24	91.67	n/a	n/a	0.02	NP
Bromomethane (ug/L)	MW-401A	0	49	89	No	23	86.96	n/a	n/a	0.02	NP
Bromomethane (ug/L)	MW-402A	0	29	84	No	22	90.91	n/a	n/a	0.02	NP
Bromomethane (ug/L)	OW-306AR	0	0	48	No	15	100	n/a	n/a	0.02	NP
Bromomethane (ug/L)	MW-109ARR	0	27	84	No	22	90.91	n/a	n/a	0.02	NP
Bromomethane (ug/L)	MW-502A	0	27	78	No	21	90.48	n/a	n/a	0.02	NP
Bromomethane (ug/L)	MW-404A	0	27	84	No	22	90.91	n/a	n/a	0.02	NP
Bromomethane (ug/L)	P-504B (bg)	0	6	48	No	15	93.33	n/a	n/a	0.02	NP
Bromomethane (ug/L)	P-503B (bg)	0	11	73	No	20	95	n/a	n/a	0.02	NP
Bromomethane (ug/L)	MW-108AR	0	17	68	No	19	89.47	n/a	n/a	0.02	NP
Bromomethane (ug/L)	MW-505A (bg)	0	0	63	No	18	100	n/a	n/a	0.02	NP
Bromomethane (ug/L)	MW-501A	0	45	78	No	21	85.71	n/a	n/a	0.02	NP
Bromomethane (ug/L)	MW-605	0	0	48	No	15	100	n/a	n/a	0.02	NP
Bromomethane (ug/L)	MW-604	0	0	48	No	15	100	n/a	n/a	0.02	NP
Carbon disulfide (ug/L)	MW-102A	0	0	84	No	22	100	n/a	n/a	0.02	NP
Carbon disulfide (ug/L)	OW-301A	0	0	68	No	19	94.74	n/a	n/a	0.02	NP
Carbon disulfide (ug/L)	MW-201A	0	0	95	No	24	100	n/a	n/a	0.02	NP
Carbon disulfide (ug/L)	MW-103A	0	0	95	No	24	100	n/a	n/a	0.02	NP
Carbon disulfide (ug/L)	MW-114AR	0	7	84	No	22	95.45	n/a	n/a	0.02	NP
Carbon disulfide (ug/L)	MW-120AR ...	0	0	95	No	24	100	n/a	n/a	0.02	NP

Trend Test

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 2:42 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Carbon disulfide (ug/L)	P-105B	0	0	84	No	22	100	n/a	n/a	0.02	NP
Carbon disulfide (ug/L)	P-108B	0	0	84	No	22	100	n/a	n/a	0.02	NP
Carbon disulfide (ug/L)	MW-403A	0	0	84	No	22	100	n/a	n/a	0.02	NP
Carbon disulfide (ug/L)	P-114BR	0	0	84	No	22	100	n/a	n/a	0.02	NP
Carbon disulfide (ug/L)	MW-204A	0	0	95	No	24	100	n/a	n/a	0.02	NP
Carbon disulfide (ug/L)	P-120B (bg)	0	0	84	No	22	100	n/a	n/a	0.02	NP
Carbon disulfide (ug/L)	MW-137A	0	0	89	No	23	100	n/a	n/a	0.02	NP
Carbon disulfide (ug/L)	MW-202A	0	0	95	No	24	100	n/a	n/a	0.02	NP
Carbon disulfide (ug/L)	MW-401A	0	0	89	No	23	100	n/a	n/a	0.02	NP
Carbon disulfide (ug/L)	MW-402A	0	7	84	No	22	95.45	n/a	n/a	0.02	NP
Carbon disulfide (ug/L)	OW-306AR	0	0	48	No	15	100	n/a	n/a	0.02	NP
Carbon disulfide (ug/L)	MW-109ARR	0	0	84	No	22	100	n/a	n/a	0.02	NP
Carbon disulfide (ug/L)	MW-502A	0	0	78	No	21	100	n/a	n/a	0.02	NP
Carbon disulfide (ug/L)	MW-404A	0	0	84	No	22	100	n/a	n/a	0.02	NP
Carbon disulfide (ug/L)	P-504B (bg)	0	12	48	No	15	93.33	n/a	n/a	0.02	NP
Carbon disulfide (ug/L)	P-503B (bg)	0	11	73	No	20	95	n/a	n/a	0.02	NP
Carbon disulfide (ug/L)	MW-108AR	0	0	68	No	19	100	n/a	n/a	0.02	NP
Carbon disulfide (ug/L)	MW-505A (bg)	0	-15	-63	No	18	94.44	n/a	n/a	0.02	NP
Carbon disulfide (ug/L)	MW-501A	0	0	78	No	21	100	n/a	n/a	0.02	NP
Carbon disulfide (ug/L)	MW-605	0	0	48	No	15	100	n/a	n/a	0.02	NP
Carbon disulfide (ug/L)	MW-604	0	0	48	No	15	100	n/a	n/a	0.02	NP
Carbon Tetrachloride (ug/L)	MW-102A	0	0	84	No	22	100	n/a	n/a	0.02	NP
Carbon Tetrachloride (ug/L)	OW-301A	0	0	68	No	19	100	n/a	n/a	0.02	NP
Carbon Tetrachloride (ug/L)	MW-201A	0	0	95	No	24	100	n/a	n/a	0.02	NP
Carbon Tetrachloride (ug/L)	MW-103A	0	0	95	No	24	100	n/a	n/a	0.02	NP
Carbon Tetrachloride (ug/L)	MW-114AR	0	0	84	No	22	100	n/a	n/a	0.02	NP
Carbon Tetrachloride (ug/L)	MW-120AR ...	0	0	95	No	24	100	n/a	n/a	0.02	NP
Carbon Tetrachloride (ug/L)	P-105B	0	0	84	No	22	100	n/a	n/a	0.02	NP
Carbon Tetrachloride (ug/L)	P-108B	0	0	84	No	22	100	n/a	n/a	0.02	NP
Carbon Tetrachloride (ug/L)	MW-403A	0	0	84	No	22	100	n/a	n/a	0.02	NP
Carbon Tetrachloride (ug/L)	P-114BR	0	0	84	No	22	100	n/a	n/a	0.02	NP
Carbon Tetrachloride (ug/L)	MW-204A	0	0	95	No	24	100	n/a	n/a	0.02	NP
Carbon Tetrachloride (ug/L)	P-120B (bg)	0	0	84	No	22	100	n/a	n/a	0.02	NP
Carbon Tetrachloride (ug/L)	MW-137A	0	0	89	No	23	100	n/a	n/a	0.02	NP
Carbon Tetrachloride (ug/L)	MW-202A	0	0	95	No	24	100	n/a	n/a	0.02	NP
Carbon Tetrachloride (ug/L)	MW-401A	0	0	89	No	23	100	n/a	n/a	0.02	NP
Carbon Tetrachloride (ug/L)	MW-402A	0	0	84	No	22	100	n/a	n/a	0.02	NP
Carbon Tetrachloride (ug/L)	OW-306AR	0	0	48	No	15	100	n/a	n/a	0.02	NP
Carbon Tetrachloride (ug/L)	MW-109ARR	0	0	84	No	22	100	n/a	n/a	0.02	NP
Carbon Tetrachloride (ug/L)	MW-502A	0	0	78	No	21	100	n/a	n/a	0.02	NP
Carbon Tetrachloride (ug/L)	MW-404A	0	0	84	No	22	100	n/a	n/a	0.02	NP
Carbon Tetrachloride (ug/L)	P-504B (bg)	0	0	48	No	15	100	n/a	n/a	0.02	NP
Carbon Tetrachloride (ug/L)	P-503B (bg)	0	0	73	No	20	100	n/a	n/a	0.02	NP
Carbon Tetrachloride (ug/L)	MW-108AR	0	0	68	No	19	100	n/a	n/a	0.02	NP
Carbon Tetrachloride (ug/L)	MW-505A (bg)	0	0	63	No	18	100	n/a	n/a	0.02	NP
Carbon Tetrachloride (ug/L)	MW-501A	0	0	78	No	21	100	n/a	n/a	0.02	NP
Carbon Tetrachloride (ug/L)	MW-605	0	0	48	No	15	100	n/a	n/a	0.02	NP
Carbon Tetrachloride (ug/L)	MW-604	0	0	48	No	15	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-102A	0	0	84	No	22	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	OW-301A	0	0	68	No	19	100	n/a	n/a	0.02	NP

Trend Test

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 2:42 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Chlorobenzene (ug/L)	MW-201A	0	0	95	No	24	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-103A	0	0	95	No	24	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-114AR	0	0	84	No	22	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-120AR ...	0	0	95	No	24	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	P-105B	0	0	84	No	22	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	P-108B	0	0	84	No	22	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-403A	0	0	84	No	22	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	P-114BR	0	0	84	No	22	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-204A	0	0	95	No	24	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	P-120B (bg)	0	0	84	No	22	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-137A	0	0	89	No	23	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-202A	0	0	95	No	24	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-401A	0	0	89	No	23	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-402A	0	0	84	No	22	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	OW-306AR	0	0	48	No	15	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-109ARR	0	0	84	No	22	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-502A	0	0	78	No	21	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-404A	0	0	84	No	22	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	P-504B (bg)	0	0	48	No	15	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	P-503B (bg)	0	0	73	No	20	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-108AR	0	0	68	No	19	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-505A (bg)	0	0	63	No	18	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-501A	0	0	78	No	21	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-605	0	0	48	No	15	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	MW-604	0	0	48	No	15	100	n/a	n/a	0.02	NP
Chloroform (ug/L)	MW-102A	0	0	84	No	22	100	n/a	n/a	0.02	NP
Chloroform (ug/L)	OW-301A	0	0	68	No	19	100	n/a	n/a	0.02	NP
Chloroform (ug/L)	MW-201A	0	0	95	No	24	100	n/a	n/a	0.02	NP
Chloroform (ug/L)	MW-103A	0	0	95	No	24	100	n/a	n/a	0.02	NP
Chloroform (ug/L)	MW-114AR	0	0	84	No	22	100	n/a	n/a	0.02	NP
Chloroform (ug/L)	MW-120AR ...	0	0	95	No	24	100	n/a	n/a	0.02	NP
Chloroform (ug/L)	P-105B	0	0	84	No	22	100	n/a	n/a	0.02	NP
Chloroform (ug/L)	P-108B	0	0	84	No	22	100	n/a	n/a	0.02	NP
Chloroform (ug/L)	MW-403A	0	0	84	No	22	100	n/a	n/a	0.02	NP
Chloroform (ug/L)	P-114BR	0	0	84	No	22	100	n/a	n/a	0.02	NP
Chloroform (ug/L)	MW-204A	0	0	95	No	24	100	n/a	n/a	0.02	NP
Chloroform (ug/L)	P-120B (bg)	0	0	84	No	22	100	n/a	n/a	0.02	NP
Chloroform (ug/L)	MW-137A	0	0	89	No	23	100	n/a	n/a	0.02	NP
Chloroform (ug/L)	MW-202A	0	0	95	No	24	100	n/a	n/a	0.02	NP
Chloroform (ug/L)	MW-401A	0	0	89	No	23	100	n/a	n/a	0.02	NP
Chloroform (ug/L)	MW-402A	0	0	84	No	22	100	n/a	n/a	0.02	NP
Chloroform (ug/L)	OW-306AR	0	0	48	No	15	100	n/a	n/a	0.02	NP
Chloroform (ug/L)	MW-109ARR	0	0	84	No	22	100	n/a	n/a	0.02	NP
Chloroform (ug/L)	MW-502A	0	0	78	No	21	100	n/a	n/a	0.02	NP
Chloroform (ug/L)	MW-404A	0	0	84	No	22	100	n/a	n/a	0.02	NP
Chloroform (ug/L)	P-504B (bg)	0	0	48	No	15	100	n/a	n/a	0.02	NP
Chloroform (ug/L)	P-503B (bg)	0	0	73	No	20	100	n/a	n/a	0.02	NP
Chloroform (ug/L)	MW-108AR	0	0	68	No	19	100	n/a	n/a	0.02	NP
Chloroform (ug/L)	MW-505A (bg)	0	0	63	No	18	100	n/a	n/a	0.02	NP
Chloroform (ug/L)	MW-501A	0	0	78	No	21	100	n/a	n/a	0.02	NP

Trend Test

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 2:42 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Chloroform (ug/L)	MW-605	0	0	48	No	15	100	n/a	n/a	0.02	NP
Chloroform (ug/L)	MW-604	0	0	48	No	15	100	n/a	n/a	0.02	NP
Chloromethane (ug/L)	MW-102A	0	11	84	No	22	95.45	n/a	n/a	0.02	NP
Chloromethane (ug/L)	OW-301A	0	14	68	No	19	94.74	n/a	n/a	0.02	NP
Chloromethane (ug/L)	MW-201A	0	25	95	No	24	91.67	n/a	n/a	0.02	NP
Chloromethane (ug/L)	MW-103A	0	13	95	No	24	95.83	n/a	n/a	0.02	NP
Chloromethane (ug/L)	MW-114AR	0	11	84	No	22	95.45	n/a	n/a	0.02	NP
Chloromethane (ug/L)	MW-120AR ...	0	0	95	No	24	100	n/a	n/a	0.02	NP
Chloromethane (ug/L)	P-105B	0	11	84	No	22	95.45	n/a	n/a	0.02	NP
Chloromethane (ug/L)	P-108B	0	0	84	No	22	100	n/a	n/a	0.02	NP
Chloromethane (ug/L)	MW-403A	0	21	84	No	22	90.91	n/a	n/a	0.02	NP
Chloromethane (ug/L)	P-114BR	0	11	84	No	22	95.45	n/a	n/a	0.02	NP
Chloromethane (ug/L)	MW-204A	0	13	95	No	24	95.83	n/a	n/a	0.02	NP
Chloromethane (ug/L)	P-120B (bg)	0	11	84	No	22	95.45	n/a	n/a	0.02	NP
Chloromethane (ug/L)	MW-137A	0	12	89	No	23	95.65	n/a	n/a	0.02	NP
Chloromethane (ug/L)	MW-202A	0	0	95	No	24	100	n/a	n/a	0.02	NP
Chloromethane (ug/L)	MW-401A	0	12	89	No	23	95.65	n/a	n/a	0.02	NP
Chloromethane (ug/L)	MW-402A	0	11	84	No	22	95.45	n/a	n/a	0.02	NP
Chloromethane (ug/L)	OW-306AR	0	0	48	No	15	100	n/a	n/a	0.02	NP
Chloromethane (ug/L)	MW-109ARR	0	11	84	No	22	95.45	n/a	n/a	0.02	NP
Chloromethane (ug/L)	MW-502A	0	12	78	No	21	95.24	n/a	n/a	0.02	NP
Chloromethane (ug/L)	MW-404A	0	0	84	No	22	100	n/a	n/a	0.02	NP
Chloromethane (ug/L)	P-504B (bg)	0	6	48	No	15	93.33	n/a	n/a	0.02	NP
Chloromethane (ug/L)	P-503B (bg)	0	0	73	No	20	100	n/a	n/a	0.02	NP
Chloromethane (ug/L)	MW-108AR	0	0	68	No	19	100	n/a	n/a	0.02	NP
Chloromethane (ug/L)	MW-505A (bg)	0	0	63	No	18	100	n/a	n/a	0.02	NP
Chloromethane (ug/L)	MW-501A	0	12	78	No	21	95.24	n/a	n/a	0.02	NP
Chloromethane (ug/L)	MW-605	0	0	48	No	15	100	n/a	n/a	0.02	NP
Chloromethane (ug/L)	MW-604	0	0	48	No	15	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-102A	-0.00...	-36	-84	No	22	18.18	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	OW-301A	0	26	68	No	19	52.63	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-201A	-0.02349	-41	-95	No	24	0	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-103A	0	0	95	No	24	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-114AR	0	0	84	No	22	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-120AR ...	0	0	95	No	24	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	P-105B	0	0	84	No	22	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	P-108B	0	0	84	No	22	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-403A	0	0	84	No	22	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	P-114BR	0	0	84	No	22	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-204A	0	0	95	No	24	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	P-120B (bg)	0	0	84	No	22	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-137A	0	0	89	No	23	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-202A	0	0	95	No	24	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-401A	0.01474	24	101	No	25	16	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-402A	0	0	84	No	22	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	OW-306AR	0	0	48	No	15	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-109ARR	0	0	84	No	22	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-502A	0	0	78	No	21	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-404A	0	0	84	No	22	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	P-504B (bg)	0	0	48	No	15	100	n/a	n/a	0.02	NP

Trend Test

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 2:42 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
cis-1,2-Dichloroethene (ug/L)	P-503B (bg)	0	0	73	No	20	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-108AR	0	0	68	No	19	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-505A (bg)	0	0	63	No	18	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-501A	0	0	78	No	21	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-605	0	0	48	No	15	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	MW-604	0	0	48	No	15	100	n/a	n/a	0.02	NP
cis-1,3-Dichloropropene (ug/L)	MW-102A	0	0	84	No	22	100	n/a	n/a	0.02	NP
cis-1,3-Dichloropropene (ug/L)	OW-301A	0	0	68	No	19	100	n/a	n/a	0.02	NP
cis-1,3-Dichloropropene (ug/L)	MW-201A	0	0	95	No	24	100	n/a	n/a	0.02	NP
cis-1,3-Dichloropropene (ug/L)	MW-103A	0	0	95	No	24	100	n/a	n/a	0.02	NP
cis-1,3-Dichloropropene (ug/L)	MW-114AR	0	0	84	No	22	100	n/a	n/a	0.02	NP
cis-1,3-Dichloropropene (ug/L)	MW-120AR ...	0	0	95	No	24	100	n/a	n/a	0.02	NP
cis-1,3-Dichloropropene (ug/L)	P-105B	0	0	84	No	22	100	n/a	n/a	0.02	NP
cis-1,3-Dichloropropene (ug/L)	P-108B	0	0	84	No	22	100	n/a	n/a	0.02	NP
cis-1,3-Dichloropropene (ug/L)	MW-403A	0	0	84	No	22	100	n/a	n/a	0.02	NP
cis-1,3-Dichloropropene (ug/L)	P-114BR	0	0	84	No	22	100	n/a	n/a	0.02	NP
cis-1,3-Dichloropropene (ug/L)	MW-204A	0	0	95	No	24	100	n/a	n/a	0.02	NP
cis-1,3-Dichloropropene (ug/L)	P-120B (bg)	0	0	84	No	22	100	n/a	n/a	0.02	NP
cis-1,3-Dichloropropene (ug/L)	MW-137A	0	0	89	No	23	100	n/a	n/a	0.02	NP
cis-1,3-Dichloropropene (ug/L)	MW-202A	0	0	95	No	24	100	n/a	n/a	0.02	NP
cis-1,3-Dichloropropene (ug/L)	MW-401A	0	0	89	No	23	100	n/a	n/a	0.02	NP
cis-1,3-Dichloropropene (ug/L)	MW-402A	0	0	84	No	22	100	n/a	n/a	0.02	NP
cis-1,3-Dichloropropene (ug/L)	OW-306AR	0	0	48	No	15	100	n/a	n/a	0.02	NP
cis-1,3-Dichloropropene (ug/L)	MW-109ARR	0	0	84	No	22	100	n/a	n/a	0.02	NP
cis-1,3-Dichloropropene (ug/L)	MW-502A	0	0	78	No	21	100	n/a	n/a	0.02	NP
cis-1,3-Dichloropropene (ug/L)	MW-404A	0	0	84	No	22	100	n/a	n/a	0.02	NP
cis-1,3-Dichloropropene (ug/L)	P-504B (bg)	0	0	48	No	15	100	n/a	n/a	0.02	NP
cis-1,3-Dichloropropene (ug/L)	P-503B (bg)	0	0	73	No	20	100	n/a	n/a	0.02	NP
cis-1,3-Dichloropropene (ug/L)	MW-108AR	0	0	68	No	19	100	n/a	n/a	0.02	NP
cis-1,3-Dichloropropene (ug/L)	MW-505A (bg)	0	0	63	No	18	100	n/a	n/a	0.02	NP
cis-1,3-Dichloropropene (ug/L)	MW-501A	0	0	78	No	21	100	n/a	n/a	0.02	NP
cis-1,3-Dichloropropene (ug/L)	MW-605	0	0	48	No	15	100	n/a	n/a	0.02	NP
cis-1,3-Dichloropropene (ug/L)	MW-604	0	0	48	No	15	100	n/a	n/a	0.02	NP
Dibromomethane (ug/L)	MW-102A	0	0	84	No	22	100	n/a	n/a	0.02	NP
Dibromomethane (ug/L)	OW-301A	0	0	68	No	19	100	n/a	n/a	0.02	NP
Dibromomethane (ug/L)	MW-201A	0	21	95	No	24	95.83	n/a	n/a	0.02	NP
Dibromomethane (ug/L)	MW-103A	0	0	95	No	24	100	n/a	n/a	0.02	NP
Dibromomethane (ug/L)	MW-114AR	0	0	84	No	22	100	n/a	n/a	0.02	NP
Dibromomethane (ug/L)	MW-120AR ...	0	0	95	No	24	100	n/a	n/a	0.02	NP
Dibromomethane (ug/L)	P-105B	0	0	84	No	22	100	n/a	n/a	0.02	NP
Dibromomethane (ug/L)	P-108B	0	0	84	No	22	100	n/a	n/a	0.02	NP
Dibromomethane (ug/L)	MW-403A	0	0	84	No	22	100	n/a	n/a	0.02	NP
Dibromomethane (ug/L)	P-114BR	0	0	84	No	22	100	n/a	n/a	0.02	NP
Dibromomethane (ug/L)	MW-204A	0	0	95	No	24	100	n/a	n/a	0.02	NP
Dibromomethane (ug/L)	P-120B (bg)	0	0	84	No	22	100	n/a	n/a	0.02	NP
Dibromomethane (ug/L)	MW-137A	0	0	89	No	23	100	n/a	n/a	0.02	NP
Dibromomethane (ug/L)	MW-202A	0	0	95	No	24	100	n/a	n/a	0.02	NP
Dibromomethane (ug/L)	MW-401A	0	0	89	No	23	100	n/a	n/a	0.02	NP
Dibromomethane (ug/L)	MW-402A	0	0	84	No	22	100	n/a	n/a	0.02	NP
Dibromomethane (ug/L)	OW-306AR	0	0	48	No	15	100	n/a	n/a	0.02	NP

Trend Test

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 2:42 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Dibromomethane (ug/L)	MW-109ARR	0	0	84	No	22	100	n/a	n/a	0.02	NP
Dibromomethane (ug/L)	MW-502A	0	0	78	No	21	100	n/a	n/a	0.02	NP
Dibromomethane (ug/L)	MW-404A	0	0	84	No	22	100	n/a	n/a	0.02	NP
Dibromomethane (ug/L)	P-504B (bg)	0	0	48	No	15	100	n/a	n/a	0.02	NP
Dibromomethane (ug/L)	P-503B (bg)	0	0	73	No	20	100	n/a	n/a	0.02	NP
Dibromomethane (ug/L)	MW-108AR	0	0	68	No	19	100	n/a	n/a	0.02	NP
Dibromomethane (ug/L)	MW-505A (bg)	0	0	63	No	18	100	n/a	n/a	0.02	NP
Dibromomethane (ug/L)	MW-501A	0	0	78	No	21	100	n/a	n/a	0.02	NP
Dibromomethane (ug/L)	MW-605	0	0	48	No	15	100	n/a	n/a	0.02	NP
Dibromomethane (ug/L)	MW-604	0	0	48	No	15	100	n/a	n/a	0.02	NP
Dichloromethane (ug/L)	MW-102A	0	18	63	No	18	77.78	n/a	n/a	0.02	NP
Dichloromethane (ug/L)	OW-301A	0	31	48	No	15	80	n/a	n/a	0.02	NP
Dichloromethane (ug/L)	MW-201A	0	43	73	No	20	75	n/a	n/a	0.02	NP
Dichloromethane (ug/L)	MW-103A	0	26	73	No	20	80	n/a	n/a	0.02	NP
Dichloromethane (ug/L)	MW-114AR	0	20	63	No	18	83.33	n/a	n/a	0.02	NP
Dichloromethane (ug/L)	MW-120AR ...	0	22	73	No	20	85	n/a	n/a	0.02	NP
Dichloromethane (ug/L)	P-105B	0	34	63	No	18	77.78	n/a	n/a	0.02	NP
Dichloromethane (ug/L)	P-108B	0	20	63	No	18	83.33	n/a	n/a	0.02	NP
Dichloromethane (ug/L)	MW-403A	0	22	63	No	18	77.78	n/a	n/a	0.02	NP
Dichloromethane (ug/L)	P-114BR	0	20	63	No	18	77.78	n/a	n/a	0.02	NP
Dichloromethane (ug/L)	MW-204A	0	26	73	No	20	85	n/a	n/a	0.02	NP
Dichloromethane (ug/L)	P-120B (bg)	0	18	63	No	18	83.33	n/a	n/a	0.02	NP
Dichloromethane (ug/L)	MW-137A	0	26	68	No	19	78.95	n/a	n/a	0.02	NP
Dichloromethane (ug/L)	MW-202A	0	30	73	No	20	80	n/a	n/a	0.02	NP
Dichloromethane (ug/L)	MW-401A	0	42	68	No	19	73.68	n/a	n/a	0.02	NP
Dichloromethane (ug/L)	MW-402A	0	43	63	No	18	72.22	n/a	n/a	0.02	NP
Dichloromethane (ug/L)	OW-306AR	0	0	31	No	11	100	n/a	n/a	0.02	NP
Dichloromethane (ug/L)	MW-109ARR	0	22	63	No	18	77.78	n/a	n/a	0.02	NP
Dichloromethane (ug/L)	MW-502A	0	21	58	No	17	82.35	n/a	n/a	0.02	NP
Dichloromethane (ug/L)	MW-404A	0	32	63	No	18	77.78	n/a	n/a	0.02	NP
Dichloromethane (ug/L)	P-504B (bg)	0	7	31	No	11	81.82	n/a	n/a	0.02	NP
Dichloromethane (ug/L)	P-503B (bg)	0	36	58	No	17	76.47	n/a	n/a	0.02	NP
Dichloromethane (ug/L)	MW-108AR	0	27	53	No	16	68.75	n/a	n/a	0.02	NP
Dichloromethane (ug/L)	MW-505A (bg)	0	11	44	No	14	85.71	n/a	n/a	0.02	NP
Dichloromethane (ug/L)	MW-501A	0	50	58	No	17	70.59	n/a	n/a	0.02	NP
Dichloromethane (ug/L)	MW-605	0	0	31	No	11	100	n/a	n/a	0.02	NP
Dichloromethane (ug/L)	MW-604	0	0	31	No	11	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-102A	0	19	84	No	22	95.45	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	OW-301A	0	0	68	No	19	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-201A	0	0	95	No	24	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-103A	0	0	95	No	24	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-114AR	0	0	84	No	22	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-120AR ...	0	0	95	No	24	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	P-105B	0	0	84	No	22	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	P-108B	0	0	84	No	22	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-403A	0	19	84	No	22	95.45	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	P-114BR	0	0	84	No	22	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-204A	0	0	95	No	24	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	P-120B (bg)	0	0	84	No	22	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-137A	0	6	89	No	23	95.65	n/a	n/a	0.02	NP

Trend Test

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 2:42 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Ethylbenzene (ug/L)	MW-202A	0	0	95	No	24	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-401A	0	0	89	No	23	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-402A	0	19	84	No	22	95.45	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	OW-306AR	0	0	48	No	15	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-109ARR	0	0	84	No	22	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-502A	0	0	78	No	21	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-404A	0	0	84	No	22	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	P-504B (bg)	0	0	48	No	15	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	P-503B (bg)	0	0	73	No	20	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-108AR	0	0	68	No	19	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-505A (bg)	0	0	63	No	18	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-501A	0	0	78	No	21	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-605	0	0	48	No	15	100	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	MW-604	0	0	48	No	15	100	n/a	n/a	0.02	NP
Iodomethane (ug/L)	MW-102A	0	0	84	No	22	100	n/a	n/a	0.02	NP
Iodomethane (ug/L)	OW-301A	0	0	68	No	19	100	n/a	n/a	0.02	NP
Iodomethane (ug/L)	MW-201A	0	0	95	No	24	100	n/a	n/a	0.02	NP
Iodomethane (ug/L)	MW-103A	0	0	95	No	24	100	n/a	n/a	0.02	NP
Iodomethane (ug/L)	MW-114AR	0	0	84	No	22	100	n/a	n/a	0.02	NP
Iodomethane (ug/L)	MW-120AR ...	0	0	95	No	24	100	n/a	n/a	0.02	NP
Iodomethane (ug/L)	P-105B	0	0	84	No	22	100	n/a	n/a	0.02	NP
Iodomethane (ug/L)	P-108B	0	0	84	No	22	100	n/a	n/a	0.02	NP
Iodomethane (ug/L)	MW-403A	0	0	84	No	22	100	n/a	n/a	0.02	NP
Iodomethane (ug/L)	P-114BR	0	0	84	No	22	100	n/a	n/a	0.02	NP
Iodomethane (ug/L)	MW-204A	0	0	95	No	24	100	n/a	n/a	0.02	NP
Iodomethane (ug/L)	P-120B (bg)	0	0	84	No	22	100	n/a	n/a	0.02	NP
Iodomethane (ug/L)	MW-137A	0	0	89	No	23	100	n/a	n/a	0.02	NP
Iodomethane (ug/L)	MW-202A	0	0	95	No	24	100	n/a	n/a	0.02	NP
Iodomethane (ug/L)	MW-401A	0	0	89	No	23	100	n/a	n/a	0.02	NP
Iodomethane (ug/L)	MW-402A	0	0	84	No	22	100	n/a	n/a	0.02	NP
Iodomethane (ug/L)	OW-306AR	0	0	48	No	15	100	n/a	n/a	0.02	NP
Iodomethane (ug/L)	MW-109ARR	0	0	84	No	22	100	n/a	n/a	0.02	NP
Iodomethane (ug/L)	MW-502A	0	0	78	No	21	100	n/a	n/a	0.02	NP
Iodomethane (ug/L)	MW-404A	0	0	84	No	22	100	n/a	n/a	0.02	NP
Iodomethane (ug/L)	P-504B (bg)	0	0	48	No	15	100	n/a	n/a	0.02	NP
Iodomethane (ug/L)	P-503B (bg)	0	0	73	No	20	100	n/a	n/a	0.02	NP
Iodomethane (ug/L)	MW-108AR	0	0	68	No	19	100	n/a	n/a	0.02	NP
Iodomethane (ug/L)	MW-505A (bg)	0	0	63	No	18	100	n/a	n/a	0.02	NP
Iodomethane (ug/L)	MW-501A	0	0	78	No	21	100	n/a	n/a	0.02	NP
Iodomethane (ug/L)	MW-605	0	0	48	No	15	100	n/a	n/a	0.02	NP
Iodomethane (ug/L)	MW-604	0	0	48	No	15	100	n/a	n/a	0.02	NP
Methylene chloride (ug/L)	MW-102A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Methylene chloride (ug/L)	OW-301A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Methylene chloride (ug/L)	MW-201A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Methylene chloride (ug/L)	MW-103A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Methylene chloride (ug/L)	MW-114AR	0	0	8	No	4	100	n/a	n/a	0.02	NP
Methylene chloride (ug/L)	MW-120AR ...	0	0	8	No	4	100	n/a	n/a	0.02	NP
Methylene chloride (ug/L)	P-105B	0	0	8	No	4	100	n/a	n/a	0.02	NP
Methylene chloride (ug/L)	P-108B	0	0	8	No	4	100	n/a	n/a	0.02	NP
Methylene chloride (ug/L)	MW-403A	0	0	8	No	4	100	n/a	n/a	0.02	NP

Trend Test

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 2:42 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Methylene chloride (ug/L)	P-114BR	0	0	8	No	4	100	n/a	n/a	0.02	NP
Methylene chloride (ug/L)	MW-204A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Methylene chloride (ug/L)	P-120B (bg)	0	0	8	No	4	100	n/a	n/a	0.02	NP
Methylene chloride (ug/L)	MW-137A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Methylene chloride (ug/L)	MW-202A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Methylene chloride (ug/L)	MW-401A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Methylene chloride (ug/L)	MW-402A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Methylene chloride (ug/L)	OW-306AR	0	0	8	No	4	100	n/a	n/a	0.02	NP
Methylene chloride (ug/L)	MW-109ARR	0	0	8	No	4	100	n/a	n/a	0.02	NP
Methylene chloride (ug/L)	MW-502A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Methylene chloride (ug/L)	MW-404A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Methylene chloride (ug/L)	P-504B (bg)	0	0	8	No	4	100	n/a	n/a	0.02	NP
Methylene chloride (ug/L)	P-503B (bg)	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Methylene chloride (ug/L)	MW-108AR	0	NaN	NaN	No	3	100	n/a	n/a	NaN	NP
Methylene chloride (ug/L)	MW-505A (bg)	0	0	8	No	4	100	n/a	n/a	0.02	NP
Methylene chloride (ug/L)	MW-501A	0	0	8	No	4	100	n/a	n/a	0.02	NP
Methylene chloride (ug/L)	MW-605	0	0	8	No	4	100	n/a	n/a	0.02	NP
Methylene chloride (ug/L)	MW-604	0	0	8	No	4	100	n/a	n/a	0.02	NP
Styrene (ug/L)	MW-102A	0	0	84	No	22	100	n/a	n/a	0.02	NP
Styrene (ug/L)	OW-301A	0	0	68	No	19	100	n/a	n/a	0.02	NP
Styrene (ug/L)	MW-201A	0	0	95	No	24	100	n/a	n/a	0.02	NP
Styrene (ug/L)	MW-103A	0	0	95	No	24	100	n/a	n/a	0.02	NP
Styrene (ug/L)	MW-114AR	0	0	84	No	22	100	n/a	n/a	0.02	NP
Styrene (ug/L)	MW-120AR ...	0	0	95	No	24	100	n/a	n/a	0.02	NP
Styrene (ug/L)	P-105B	0	0	84	No	22	100	n/a	n/a	0.02	NP
Styrene (ug/L)	P-108B	0	0	84	No	22	100	n/a	n/a	0.02	NP
Styrene (ug/L)	MW-403A	0	0	84	No	22	100	n/a	n/a	0.02	NP
Styrene (ug/L)	P-114BR	0	0	84	No	22	100	n/a	n/a	0.02	NP
Styrene (ug/L)	MW-204A	0	0	95	No	24	100	n/a	n/a	0.02	NP
Styrene (ug/L)	P-120B (bg)	0	0	84	No	22	100	n/a	n/a	0.02	NP
Styrene (ug/L)	MW-137A	0	0	89	No	23	100	n/a	n/a	0.02	NP
Styrene (ug/L)	MW-202A	0	0	95	No	24	100	n/a	n/a	0.02	NP
Styrene (ug/L)	MW-401A	0	0	89	No	23	100	n/a	n/a	0.02	NP
Styrene (ug/L)	MW-402A	0	0	84	No	22	100	n/a	n/a	0.02	NP
Styrene (ug/L)	OW-306AR	0	0	48	No	15	100	n/a	n/a	0.02	NP
Styrene (ug/L)	MW-109ARR	0	0	84	No	22	100	n/a	n/a	0.02	NP
Styrene (ug/L)	MW-502A	0	0	78	No	21	100	n/a	n/a	0.02	NP
Styrene (ug/L)	MW-404A	0	0	84	No	22	100	n/a	n/a	0.02	NP
Styrene (ug/L)	P-504B (bg)	0	0	48	No	15	100	n/a	n/a	0.02	NP
Styrene (ug/L)	P-503B (bg)	0	0	73	No	20	100	n/a	n/a	0.02	NP
Styrene (ug/L)	MW-108AR	0	0	68	No	19	100	n/a	n/a	0.02	NP
Styrene (ug/L)	MW-505A (bg)	0	0	63	No	18	100	n/a	n/a	0.02	NP
Styrene (ug/L)	MW-501A	0	0	78	No	21	100	n/a	n/a	0.02	NP
Styrene (ug/L)	MW-605	0	0	48	No	15	100	n/a	n/a	0.02	NP
Styrene (ug/L)	MW-604	0	0	48	No	15	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-102A	0	0	84	No	22	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	OW-301A	0	0	63	No	18	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-201A	0	0	95	No	24	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-103A	0	0	95	No	24	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-114AR	0	0	84	No	22	100	n/a	n/a	0.02	NP

Trend Test

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 2:42 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Tetrachloroethene (ug/L)	MW-120AR ...	0	0	95	No	24	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	P-105B	0	0	84	No	22	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	P-108B	0	0	84	No	22	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-403A	0	0	84	No	22	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	P-114BR	0	0	84	No	22	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-204A	0	0	95	No	24	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	P-120B (bg)	0	0	84	No	22	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-137A	0	0	89	No	23	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-202A	0	0	95	No	24	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-401A	0	0	89	No	23	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-402A	0	0	84	No	22	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	OW-306AR	0	0	48	No	15	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-109ARR	0	0	84	No	22	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-502A	0	0	78	No	21	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-404A	0	0	84	No	22	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	P-504B (bg)	0	0	48	No	15	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	P-503B (bg)	0	0	73	No	20	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-108AR	0	0	68	No	19	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-505A (bg)	0	0	63	No	18	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-501A	0	0	78	No	21	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-605	0	0	48	No	15	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	MW-604	0	0	48	No	15	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-102A	0	19	84	No	22	95.45	n/a	n/a	0.02	NP
Toluene (ug/L)	OW-301A	0	0	63	No	18	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-201A	0	21	95	No	24	95.83	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-103A	0	21	95	No	24	95.83	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-114AR	0	0	84	No	22	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-120AR ...	0	23	95	No	24	95.83	n/a	n/a	0.02	NP
Toluene (ug/L)	P-105B	0	0	84	No	22	100	n/a	n/a	0.02	NP
Toluene (ug/L)	P-108B	0	0	84	No	22	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-403A	0	18	89	No	23	95.65	n/a	n/a	0.02	NP
Toluene (ug/L)	P-114BR	0	5	84	No	22	95.45	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-204A	0	17	95	No	24	95.83	n/a	n/a	0.02	NP
Toluene (ug/L)	P-120B (bg)	0	0	84	No	22	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-137A	0	4	89	No	23	95.65	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-202A	0	0	95	No	24	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-401A	0	21	95	No	24	95.83	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-402A	0	18	89	No	23	95.65	n/a	n/a	0.02	NP
Toluene (ug/L)	OW-306AR	0	0	48	No	15	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-109ARR	0	0	84	No	22	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-502A	0	0	78	No	21	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-404A	0	0	84	No	22	100	n/a	n/a	0.02	NP
Toluene (ug/L)	P-504B (bg)	0	0	48	No	15	100	n/a	n/a	0.02	NP
Toluene (ug/L)	P-503B (bg)	0	0	73	No	20	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-108AR	0	0	68	No	19	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-505A (bg)	0	0	63	No	18	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-501A	0	0	78	No	21	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-605	0	0	48	No	15	100	n/a	n/a	0.02	NP
Toluene (ug/L)	MW-604	0	0	48	No	15	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-102A	0	0	84	No	22	100	n/a	n/a	0.02	NP

Trend Test

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 2:42 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
trans-1,2-Dichloroethene (ug/L)	OW-301A	0	0	68	No	19	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-201A	0	-18	-95	No	24	83.33	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-103A	0	0	95	No	24	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-114AR	0	0	84	No	22	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-120AR ...	0	0	95	No	24	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	P-105B	0	0	84	No	22	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	P-108B	0	0	84	No	22	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-403A	0	0	84	No	22	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	P-114BR	0	0	84	No	22	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-204A	0	0	95	No	24	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	P-120B (bg)	0	0	84	No	22	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-137A	0	0	89	No	23	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-202A	0	0	95	No	24	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-401A	0	0	89	No	23	95.65	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-402A	0	0	84	No	22	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	OW-306AR	0	0	48	No	15	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-109ARR	0	0	84	No	22	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-502A	0	0	78	No	21	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-404A	0	0	84	No	22	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	P-504B (bg)	0	0	48	No	15	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	P-503B (bg)	0	0	73	No	20	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-108AR	0	0	68	No	19	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-505A (bg)	0	0	63	No	18	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-501A	0	0	78	No	21	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-605	0	0	48	No	15	100	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	MW-604	0	0	48	No	15	100	n/a	n/a	0.02	NP
trans-1,3-Dichloropropene (ug/L)	MW-102A	0	0	84	No	22	100	n/a	n/a	0.02	NP
trans-1,3-Dichloropropene (ug/L)	OW-301A	0	0	68	No	19	100	n/a	n/a	0.02	NP
trans-1,3-Dichloropropene (ug/L)	MW-201A	0	0	95	No	24	100	n/a	n/a	0.02	NP
trans-1,3-Dichloropropene (ug/L)	MW-103A	0	0	95	No	24	100	n/a	n/a	0.02	NP
trans-1,3-Dichloropropene (ug/L)	MW-114AR	0	0	84	No	22	100	n/a	n/a	0.02	NP
trans-1,3-Dichloropropene (ug/L)	MW-120AR ...	0	0	95	No	24	100	n/a	n/a	0.02	NP
trans-1,3-Dichloropropene (ug/L)	P-105B	0	0	84	No	22	100	n/a	n/a	0.02	NP
trans-1,3-Dichloropropene (ug/L)	P-108B	0	0	84	No	22	100	n/a	n/a	0.02	NP
trans-1,3-Dichloropropene (ug/L)	MW-403A	0	0	84	No	22	100	n/a	n/a	0.02	NP
trans-1,3-Dichloropropene (ug/L)	P-114BR	0	0	84	No	22	100	n/a	n/a	0.02	NP
trans-1,3-Dichloropropene (ug/L)	MW-204A	0	0	95	No	24	100	n/a	n/a	0.02	NP
trans-1,3-Dichloropropene (ug/L)	P-120B (bg)	0	0	84	No	22	100	n/a	n/a	0.02	NP
trans-1,3-Dichloropropene (ug/L)	MW-137A	0	0	89	No	23	100	n/a	n/a	0.02	NP
trans-1,3-Dichloropropene (ug/L)	MW-202A	0	0	95	No	24	100	n/a	n/a	0.02	NP
trans-1,3-Dichloropropene (ug/L)	MW-401A	0	0	89	No	23	100	n/a	n/a	0.02	NP
trans-1,3-Dichloropropene (ug/L)	MW-402A	0	0	84	No	22	100	n/a	n/a	0.02	NP
trans-1,3-Dichloropropene (ug/L)	OW-306AR	0	0	48	No	15	100	n/a	n/a	0.02	NP
trans-1,3-Dichloropropene (ug/L)	MW-109ARR	0	0	84	No	22	100	n/a	n/a	0.02	NP
trans-1,3-Dichloropropene (ug/L)	MW-502A	0	0	78	No	21	100	n/a	n/a	0.02	NP
trans-1,3-Dichloropropene (ug/L)	MW-404A	0	0	84	No	22	100	n/a	n/a	0.02	NP
trans-1,3-Dichloropropene (ug/L)	P-504B (bg)	0	0	48	No	15	100	n/a	n/a	0.02	NP
trans-1,3-Dichloropropene (ug/L)	P-503B (bg)	0	0	73	No	20	100	n/a	n/a	0.02	NP
trans-1,3-Dichloropropene (ug/L)	MW-108AR	0	0	68	No	19	100	n/a	n/a	0.02	NP
trans-1,3-Dichloropropene (ug/L)	MW-505A (bg)	0	0	63	No	18	100	n/a	n/a	0.02	NP

Trend Test

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 2:42 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
trans-1,3-Dichloropropene (ug/L)	MW-501A	0	0	78	No	21	100	n/a	n/a	0.02	NP
trans-1,3-Dichloropropene (ug/L)	MW-605	0	0	48	No	15	100	n/a	n/a	0.02	NP
trans-1,3-Dichloropropene (ug/L)	MW-604	0	0	48	No	15	100	n/a	n/a	0.02	NP
trans-1,4-Dichloro-2-butene (ug/L)	MW-102A	0	0	84	No	22	100	n/a	n/a	0.02	NP
trans-1,4-Dichloro-2-butene (ug/L)	OW-301A	0	0	68	No	19	100	n/a	n/a	0.02	NP
trans-1,4-Dichloro-2-butene (ug/L)	MW-201A	0	0	95	No	24	100	n/a	n/a	0.02	NP
trans-1,4-Dichloro-2-butene (ug/L)	MW-103A	0	0	95	No	24	100	n/a	n/a	0.02	NP
trans-1,4-Dichloro-2-butene (ug/L)	MW-114AR	0	0	84	No	22	100	n/a	n/a	0.02	NP
trans-1,4-Dichloro-2-butene (ug/L)	MW-120AR ...	0	0	95	No	24	100	n/a	n/a	0.02	NP
trans-1,4-Dichloro-2-butene (ug/L)	P-105B	0	0	84	No	22	100	n/a	n/a	0.02	NP
trans-1,4-Dichloro-2-butene (ug/L)	P-108B	0	0	84	No	22	100	n/a	n/a	0.02	NP
trans-1,4-Dichloro-2-butene (ug/L)	MW-403A	0	0	84	No	22	100	n/a	n/a	0.02	NP
trans-1,4-Dichloro-2-butene (ug/L)	P-114BR	0	0	84	No	22	100	n/a	n/a	0.02	NP
trans-1,4-Dichloro-2-butene (ug/L)	MW-204A	0	0	95	No	24	100	n/a	n/a	0.02	NP
trans-1,4-Dichloro-2-butene (ug/L)	P-120B (bg)	0	0	84	No	22	100	n/a	n/a	0.02	NP
trans-1,4-Dichloro-2-butene (ug/L)	MW-137A	0	0	89	No	23	100	n/a	n/a	0.02	NP
trans-1,4-Dichloro-2-butene (ug/L)	MW-202A	0	0	95	No	24	100	n/a	n/a	0.02	NP
trans-1,4-Dichloro-2-butene (ug/L)	MW-401A	0	0	89	No	23	100	n/a	n/a	0.02	NP
trans-1,4-Dichloro-2-butene (ug/L)	MW-402A	0	0	84	No	22	100	n/a	n/a	0.02	NP
trans-1,4-Dichloro-2-butene (ug/L)	OW-306AR	0	0	48	No	15	100	n/a	n/a	0.02	NP
trans-1,4-Dichloro-2-butene (ug/L)	MW-109ARR	0	0	84	No	22	100	n/a	n/a	0.02	NP
trans-1,4-Dichloro-2-butene (ug/L)	MW-502A	0	0	78	No	21	100	n/a	n/a	0.02	NP
trans-1,4-Dichloro-2-butene (ug/L)	MW-404A	0	0	84	No	22	100	n/a	n/a	0.02	NP
trans-1,4-Dichloro-2-butene (ug/L)	P-504B (bg)	0	0	48	No	15	100	n/a	n/a	0.02	NP
trans-1,4-Dichloro-2-butene (ug/L)	P-503B (bg)	0	0	73	No	20	100	n/a	n/a	0.02	NP
trans-1,4-Dichloro-2-butene (ug/L)	MW-108AR	0	0	68	No	19	100	n/a	n/a	0.02	NP
trans-1,4-Dichloro-2-butene (ug/L)	MW-505A (bg)	0	0	63	No	18	100	n/a	n/a	0.02	NP
trans-1,4-Dichloro-2-butene (ug/L)	MW-501A	0	0	78	No	21	100	n/a	n/a	0.02	NP
trans-1,4-Dichloro-2-butene (ug/L)	MW-605	0	0	48	No	15	100	n/a	n/a	0.02	NP
trans-1,4-Dichloro-2-butene (ug/L)	MW-604	0	0	48	No	15	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-102A	0	19	84	No	22	95.45	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	OW-301A	0	0	63	No	18	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-201A	0	15	95	No	24	95.83	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-103A	0	0	95	No	24	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-114AR	0	0	84	No	22	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-120AR ...	0	0	95	No	24	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	P-105B	0	-15	-84	No	22	95.45	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	P-108B	0	19	84	No	22	95.45	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-403A	0	0	84	No	22	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	P-114BR	0	0	84	No	22	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-204A	0	0	95	No	24	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	P-120B (bg)	0	0	84	No	22	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-137A	0	0	89	No	23	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-202A	0	0	95	No	24	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-401A	0	23	89	No	23	86.96	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-402A	0	19	84	No	22	95.45	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	OW-306AR	0	0	48	No	15	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-109ARR	0	0	84	No	22	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-502A	0	0	78	No	21	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-404A	0	0	84	No	22	100	n/a	n/a	0.02	NP

Trend Test

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 2:42 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Trichloroethene (ug/L)	P-504B (bg)	0	0	48	No	15	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	P-503B (bg)	0	0	73	No	20	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-108AR	0	0	68	No	19	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-505A (bg)	0	0	63	No	18	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-501A	0	0	78	No	21	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-605	0	0	48	No	15	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	MW-604	0	0	48	No	15	100	n/a	n/a	0.02	NP
Vinyl Acetate (ug/L)	MW-102A	0	0	84	No	22	100	n/a	n/a	0.02	NP
Vinyl Acetate (ug/L)	OW-301A	0	0	63	No	18	100	n/a	n/a	0.02	NP
Vinyl Acetate (ug/L)	MW-201A	0	0	95	No	24	100	n/a	n/a	0.02	NP
Vinyl Acetate (ug/L)	MW-103A	0	0	95	No	24	100	n/a	n/a	0.02	NP
Vinyl Acetate (ug/L)	MW-114AR	0	0	84	No	22	100	n/a	n/a	0.02	NP
Vinyl Acetate (ug/L)	MW-120AR ...	0	0	95	No	24	100	n/a	n/a	0.02	NP
Vinyl Acetate (ug/L)	P-105B	0	0	84	No	22	100	n/a	n/a	0.02	NP
Vinyl Acetate (ug/L)	P-108B	0	0	84	No	22	100	n/a	n/a	0.02	NP
Vinyl Acetate (ug/L)	MW-403A	0	0	84	No	22	100	n/a	n/a	0.02	NP
Vinyl Acetate (ug/L)	P-114BR	0	0	84	No	22	100	n/a	n/a	0.02	NP
Vinyl Acetate (ug/L)	MW-204A	0	0	95	No	24	100	n/a	n/a	0.02	NP
Vinyl Acetate (ug/L)	P-120B (bg)	0	0	84	No	22	100	n/a	n/a	0.02	NP
Vinyl Acetate (ug/L)	MW-137A	0	0	89	No	23	100	n/a	n/a	0.02	NP
Vinyl Acetate (ug/L)	MW-202A	0	0	95	No	24	100	n/a	n/a	0.02	NP
Vinyl Acetate (ug/L)	MW-401A	0	0	89	No	23	100	n/a	n/a	0.02	NP
Vinyl Acetate (ug/L)	MW-402A	0	0	84	No	22	100	n/a	n/a	0.02	NP
Vinyl Acetate (ug/L)	OW-306AR	0	0	48	No	15	100	n/a	n/a	0.02	NP
Vinyl Acetate (ug/L)	MW-109ARR	0	0	84	No	22	100	n/a	n/a	0.02	NP
Vinyl Acetate (ug/L)	MW-502A	0	0	78	No	21	100	n/a	n/a	0.02	NP
Vinyl Acetate (ug/L)	MW-404A	0	0	84	No	22	100	n/a	n/a	0.02	NP
Vinyl Acetate (ug/L)	P-504B (bg)	0	0	48	No	15	100	n/a	n/a	0.02	NP
Vinyl Acetate (ug/L)	P-503B (bg)	0	0	73	No	20	100	n/a	n/a	0.02	NP
Vinyl Acetate (ug/L)	MW-108AR	0	0	68	No	19	100	n/a	n/a	0.02	NP
Vinyl Acetate (ug/L)	MW-505A (bg)	0	0	63	No	18	100	n/a	n/a	0.02	NP
Vinyl Acetate (ug/L)	MW-501A	0	0	78	No	21	100	n/a	n/a	0.02	NP
Vinyl Acetate (ug/L)	MW-605	0	0	48	No	15	100	n/a	n/a	0.02	NP
Vinyl Acetate (ug/L)	MW-604	0	0	48	No	15	100	n/a	n/a	0.02	NP
Vinyl chloride (ug/L)	MW-102A	-0.00...	-25	-84	No	22	31.82	n/a	n/a	0.02	NP
Vinyl chloride (ug/L)	OW-301A	0	0	63	No	18	100	n/a	n/a	0.02	NP
Vinyl chloride (ug/L)	MW-201A	0	30	95	No	24	87.5	n/a	n/a	0.02	NP
Vinyl chloride (ug/L)	MW-103A	0	0	95	No	24	100	n/a	n/a	0.02	NP
Vinyl chloride (ug/L)	MW-114AR	0	0	84	No	22	100	n/a	n/a	0.02	NP
Vinyl chloride (ug/L)	MW-120AR ...	0	0	95	No	24	100	n/a	n/a	0.02	NP
Vinyl chloride (ug/L)	P-105B	0	0	84	No	22	100	n/a	n/a	0.02	NP
Vinyl chloride (ug/L)	P-108B	0	0	84	No	22	100	n/a	n/a	0.02	NP
Vinyl chloride (ug/L)	MW-403A	0	0	84	No	22	100	n/a	n/a	0.02	NP
Vinyl chloride (ug/L)	P-114BR	0	0	84	No	22	100	n/a	n/a	0.02	NP
Vinyl chloride (ug/L)	MW-204A	0	0	95	No	24	100	n/a	n/a	0.02	NP
Vinyl chloride (ug/L)	P-120B (bg)	0	0	84	No	22	100	n/a	n/a	0.02	NP
Vinyl chloride (ug/L)	MW-137A	0	0	89	No	23	100	n/a	n/a	0.02	NP
Vinyl chloride (ug/L)	MW-202A	0	0	95	No	24	100	n/a	n/a	0.02	NP
Vinyl chloride (ug/L)	MW-401A	0	7	89	No	23	69.57	n/a	n/a	0.02	NP
Vinyl chloride (ug/L)	MW-402A	0	0	84	No	22	100	n/a	n/a	0.02	NP

Trend Test

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 2:42 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Vinyl chloride (ug/L)	OW-306AR	0	0	48	No	15	100	n/a	n/a	0.02	NP
Vinyl chloride (ug/L)	MW-109ARR	0	0	84	No	22	100	n/a	n/a	0.02	NP
Vinyl chloride (ug/L)	MW-502A	0	0	78	No	21	100	n/a	n/a	0.02	NP
Vinyl chloride (ug/L)	MW-404A	0	0	84	No	22	100	n/a	n/a	0.02	NP
Vinyl chloride (ug/L)	P-504B (bg)	0	0	48	No	15	100	n/a	n/a	0.02	NP
Vinyl chloride (ug/L)	P-503B (bg)	0	0	73	No	20	100	n/a	n/a	0.02	NP
Vinyl chloride (ug/L)	MW-108AR	0	0	68	No	19	100	n/a	n/a	0.02	NP
Vinyl chloride (ug/L)	MW-505A (bg)	0	0	63	No	18	100	n/a	n/a	0.02	NP
Vinyl chloride (ug/L)	MW-501A	0	12	78	No	21	95.24	n/a	n/a	0.02	NP
Vinyl chloride (ug/L)	MW-605	0	0	48	No	15	100	n/a	n/a	0.02	NP
Vinyl chloride (ug/L)	MW-604	0	0	48	No	15	100	n/a	n/a	0.02	NP
Xylenes, Total (ug/L)	MW-102A	0	-7	-84	No	22	72.73	n/a	n/a	0.02	NP
Xylenes, Total (ug/L)	OW-301A	0	-24	-68	No	19	78.95	n/a	n/a	0.02	NP
Xylenes, Total (ug/L)	MW-201A	0	-22	-95	No	24	83.33	n/a	n/a	0.02	NP
Xylenes, Total (ug/L)	MW-103A	0	-9	-95	No	24	79.17	n/a	n/a	0.02	NP
Xylenes, Total (ug/L)	MW-114AR	0	-36	-84	No	22	81.82	n/a	n/a	0.02	NP
Xylenes, Total (ug/L)	MW-120AR ...	0	-23	-95	No	24	75	n/a	n/a	0.02	NP
Xylenes, Total (ug/L)	P-105B	0	0	84	No	22	81.82	n/a	n/a	0.02	NP
Xylenes, Total (ug/L)	P-108B	0	-26	-84	No	22	86.36	n/a	n/a	0.02	NP
Xylenes, Total (ug/L)	MW-403A	0	-12	-84	No	22	81.82	n/a	n/a	0.02	NP
Xylenes, Total (ug/L)	P-114BR	0	-41	-84	No	22	77.27	n/a	n/a	0.02	NP
Xylenes, Total (ug/L)	MW-204A	0	-26	-95	No	24	83.33	n/a	n/a	0.02	NP
Xylenes, Total (ug/L)	P-120B (bg)	0	-1	-84	No	22	77.27	n/a	n/a	0.02	NP
Xylenes, Total (ug/L)	MW-137A	0	-28	-89	No	23	82.61	n/a	n/a	0.02	NP
Xylenes, Total (ug/L)	MW-202A	0	-20	-95	No	24	83.33	n/a	n/a	0.02	NP
Xylenes, Total (ug/L)	MW-401A	0	-16	-89	No	23	78.26	n/a	n/a	0.02	NP
Xylenes, Total (ug/L)	MW-402A	0	-15	-84	No	22	77.27	n/a	n/a	0.02	NP
Xylenes, Total (ug/L)	OW-306AR	0	-14	-48	No	15	93.33	n/a	n/a	0.02	NP
Xylenes, Total (ug/L)	MW-109ARR	0	-21	-84	No	22	77.27	n/a	n/a	0.02	NP
Xylenes, Total (ug/L)	MW-502A	0	-15	-78	No	21	90.48	n/a	n/a	0.02	NP
Xylenes, Total (ug/L)	MW-404A	0	-26	-84	No	22	86.36	n/a	n/a	0.02	NP
Xylenes, Total (ug/L)	P-504B (bg)	0	-8	-48	No	15	93.33	n/a	n/a	0.02	NP
Xylenes, Total (ug/L)	P-503B (bg)	0	-3	-73	No	20	95	n/a	n/a	0.02	NP
Xylenes, Total (ug/L)	MW-108AR	0	4	68	No	19	78.95	n/a	n/a	0.02	NP
Xylenes, Total (ug/L)	MW-505A (bg)	0	-7	-63	No	18	94.44	n/a	n/a	0.02	NP
Xylenes, Total (ug/L)	MW-501A	0	-15	-78	No	21	90.48	n/a	n/a	0.02	NP
Xylenes, Total (ug/L)	MW-605	0	0	48	No	15	100	n/a	n/a	0.02	NP
Xylenes, Total (ug/L)	MW-604	0	0	48	No	15	100	n/a	n/a	0.02	NP

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Monitoring Wells – Appendix I VOCs

Double Quantification Test

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VOC Screening

Analysis Run 6/12/2025 2:52 PM View: All Wells - Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

UG 'Double Quantification Rule' results for 44 constituents in 27 wells on 5 dates:

-none-

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Monitoring Wells – Appendix I VOCs

Confidence Intervals for SSIs

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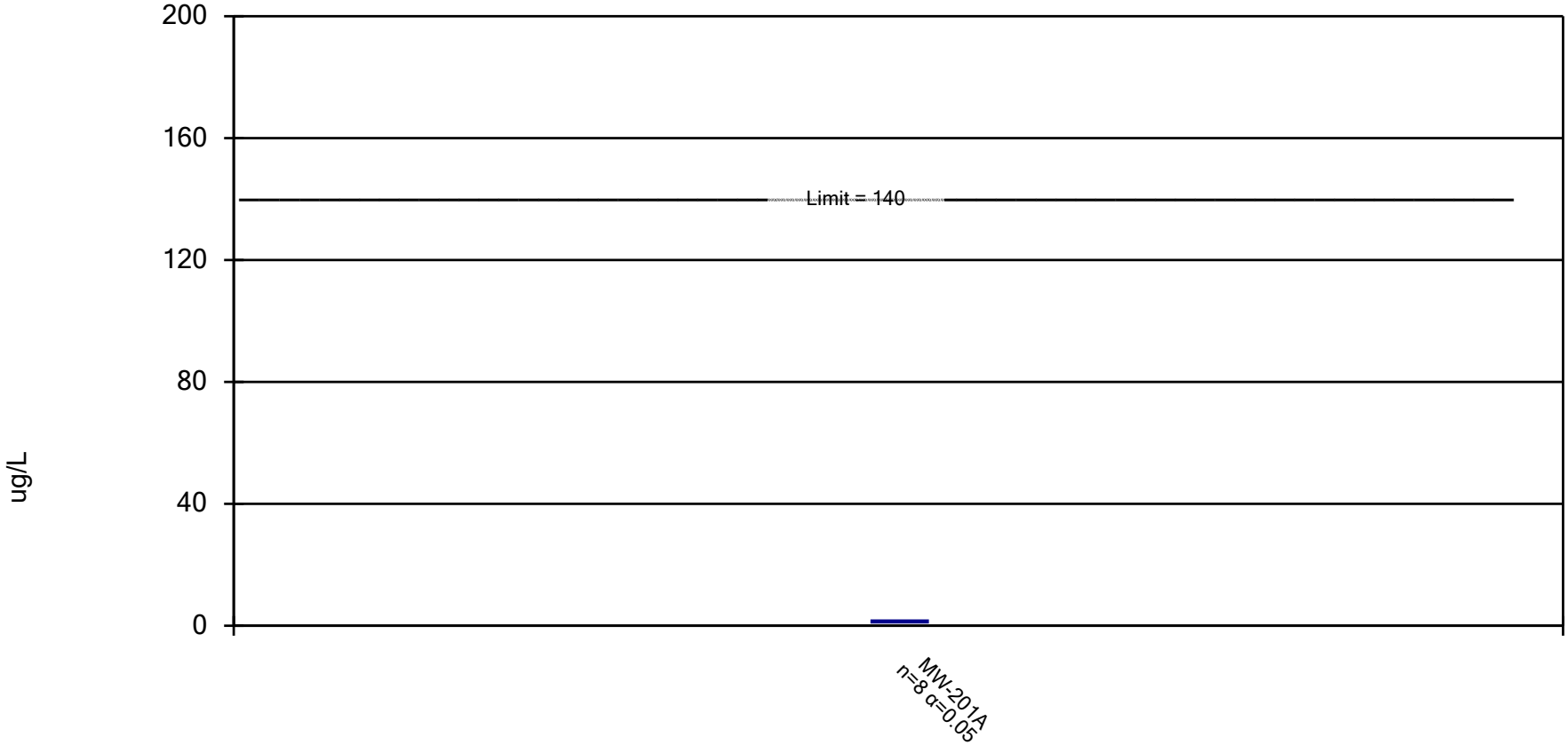
Parametric Confidence Interval

Compliance Limit is not exceeded. Normality Test: Shapiro Wilk at Alpha = 0.01.



Constituent: 1,1-Dichloroethane Analysis Run 6/13/2025 3:05 PM View: Confidence Intervals - Appendix I DMASWA Data: DMASWA Database_Updated

Confidence Interval

DMASWA Data: DMASWA Database_Updated Printed 6/13/2025, 3:06 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	%NDs	Transform	Alpha	Method
1,1-Dichloroethane (ug/L)	MW-201A	1.694	1.114	140	No	8	0	No	0.05	Param.

Groundwater Underdrains – Appendix I Metals

Outlier Analysis

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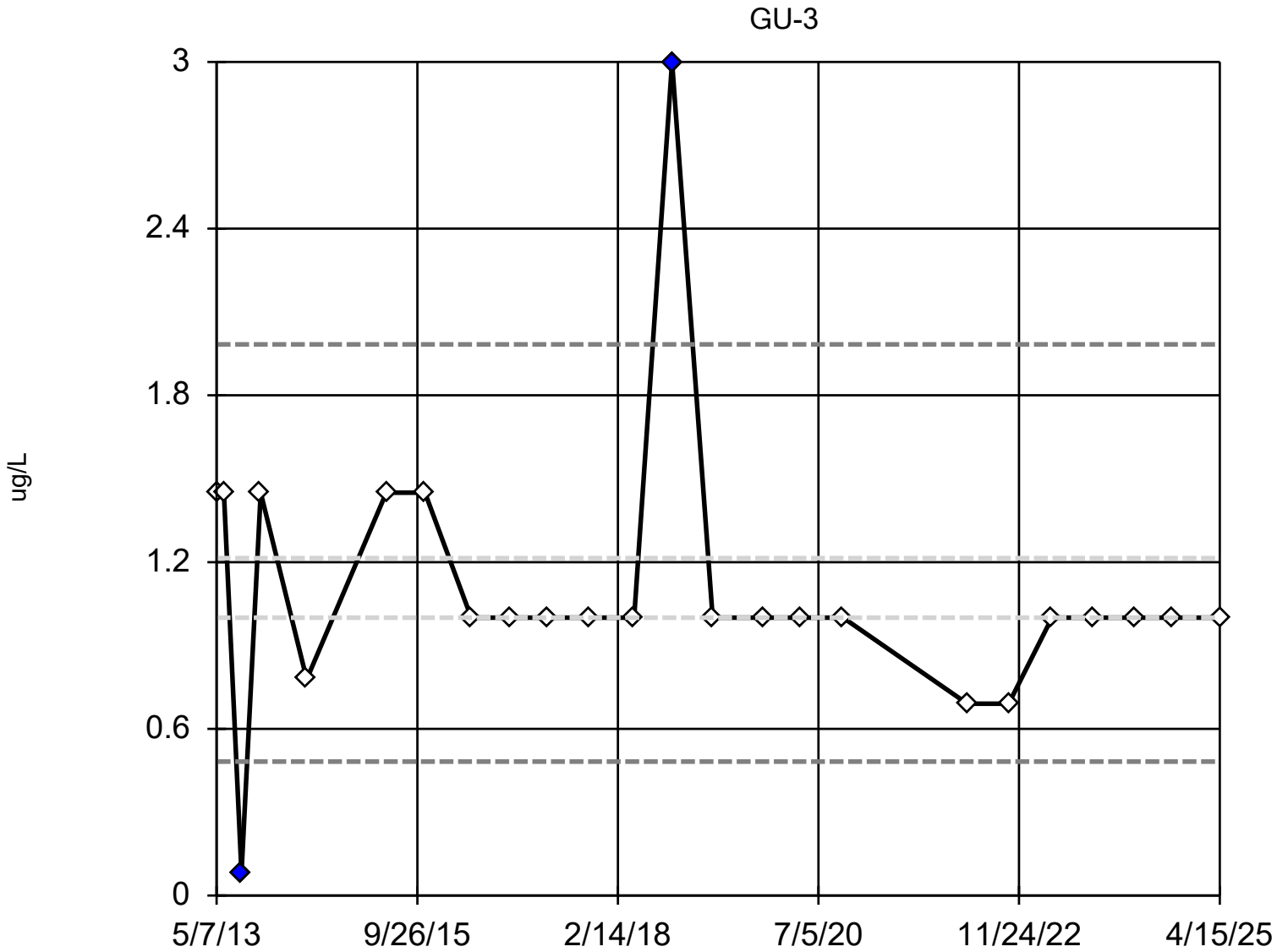
Tukey's Outlier Screening



n = 24

Outliers are drawn as solid.
Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 1.983, low cutoff = 0.4813, based on IQR multiplier of 3.

Constituent: Antimony Analysis Run 6/12/2025 3:14 PM View: Underdrains - Appendix I Metals DMASWA Data: DMASWA Database_Updated

Outlier Analysis

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 3:14 PM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Antimony (ug/L)	**GU-3**	**Yes**	**0.08,3**	**8/23/2013,10/8/2018**	**NP**	**NaN**	**24**	**1.104**	**0.504**	**sqrt(x)**	**ShapiroWilk**
Arsenic (ug/L)	GU-3	No	n/a	n/a	NP	NaN	24	1.812	1.89	ln(x)	ShapiroWilk
Barium (ug/L)	GU-3	No	n/a	n/a	NP	NaN	24	110.5	57.86	ln(x)	ShapiroWilk
Beryllium (ug/L)	GU-3	n/a	n/a	n/a	NP	NaN	24	0.5643	0.3996	unknown	ShapiroWilk
Cadmium (ug/L)	GU-3	n/a	n/a	n/a	NP	NaN	24	0.2731	0.2564	unknown	ShapiroWilk
Chromium (ug/L)	GU-3	No	n/a	n/a	NP	NaN	24	3.095	1.983	ln(x)	ShapiroWilk
Cobalt (ug/L)	GU-3	n/a	n/a	n/a	NP	NaN	24	0.4985	0.6821	unknown	ShapiroWilk
Copper (ug/L)	GU-3	No	n/a	n/a	NP	NaN	25	7.993	25.28	ln(x)	ShapiroWilk
Lead (ug/L)	GU-3	n/a	n/a	n/a	NP	NaN	24	0.4535	0.3969	unknown	ShapiroWilk
Nickel (ug/L)	GU-3	No	n/a	n/a	NP	NaN	24	3.479	2.153	x^(1/3)	ShapiroWilk
Selenium (ug/L)	GU-3	n/a	n/a	n/a	NP	NaN	24	3.693	3.016	unknown	ShapiroWilk
Silver (ug/L)	GU-3	No	n/a	n/a	NP	NaN	24	0.6016	0.3665	normal	ShapiroWilk
Thallium (ug/L)	GU-3	No	n/a	n/a	NP	NaN	24	0.5966	0.502	sqrt(x)	ShapiroWilk
Total Suspended Solids (mg/L)	GU-3	No	n/a	n/a	NP	NaN	20	19.45	73.9	ln(x)	ShapiroWilk
Vanadium (ug/L)	GU-3	n/a	n/a	n/a	NP	NaN	24	3.115	2.268	unknown	ShapiroWilk
Zinc (ug/L)	GU-3	No	n/a	n/a	NP	NaN	25	13.72	10.59	x^(1/3)	ShapiroWilk

Groundwater Underdrains – Appendix I Metals

Outlier Analysis Summary

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Underdrain Outlier Summary

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 3:34 PM

	GU-3 Barium (ug/L)
8/23/2013	310 (o)

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Groundwater Underdrains – Appendix I Metals

Time Series

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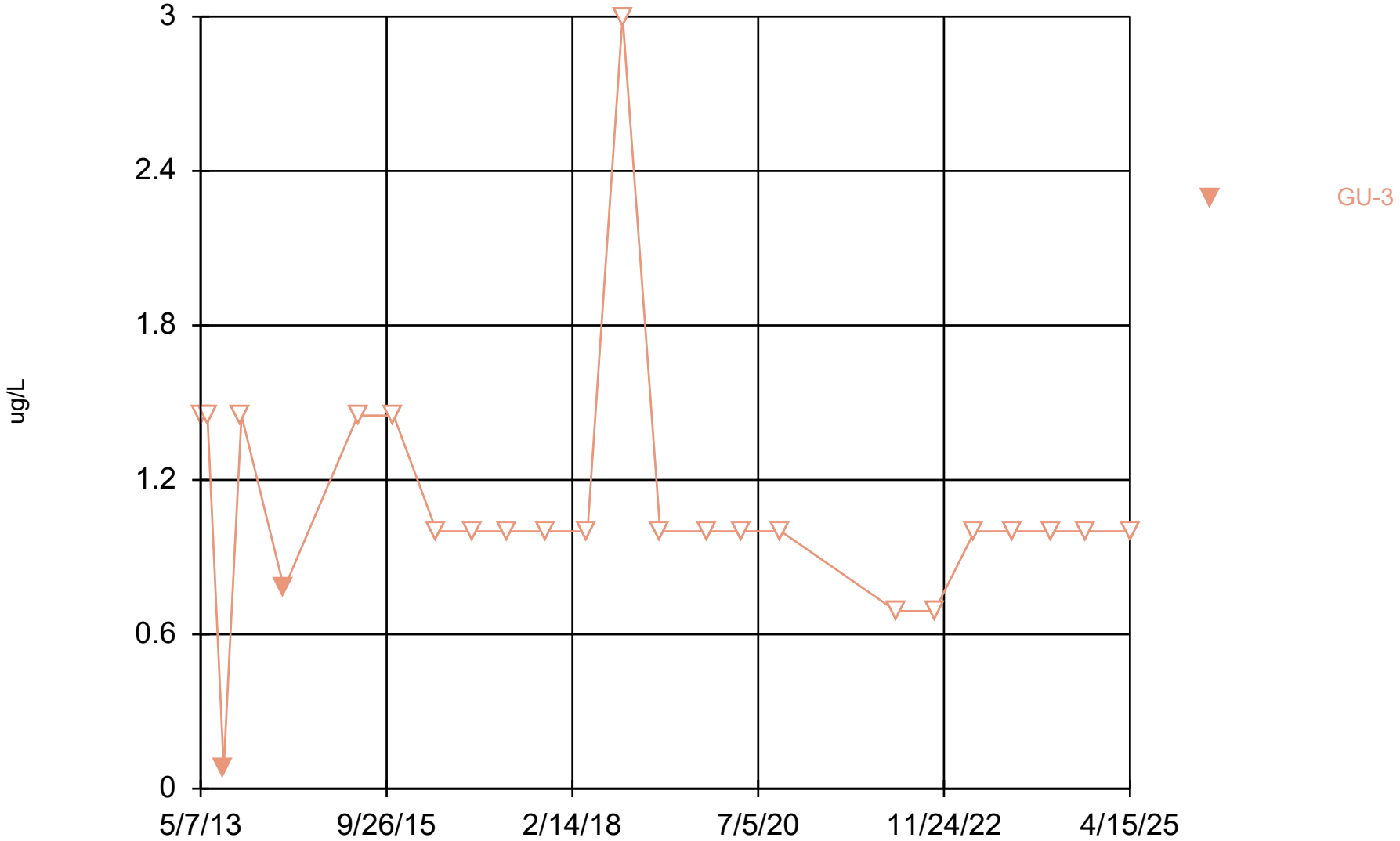
Hollow symbols indicate censored values.

Time Series



Constituent: Antimony Analysis Run 6/12/2025 3:35 PM View: Underdrains - Appendix I Metals
DMASWA Data: DMASWA Database_Updated

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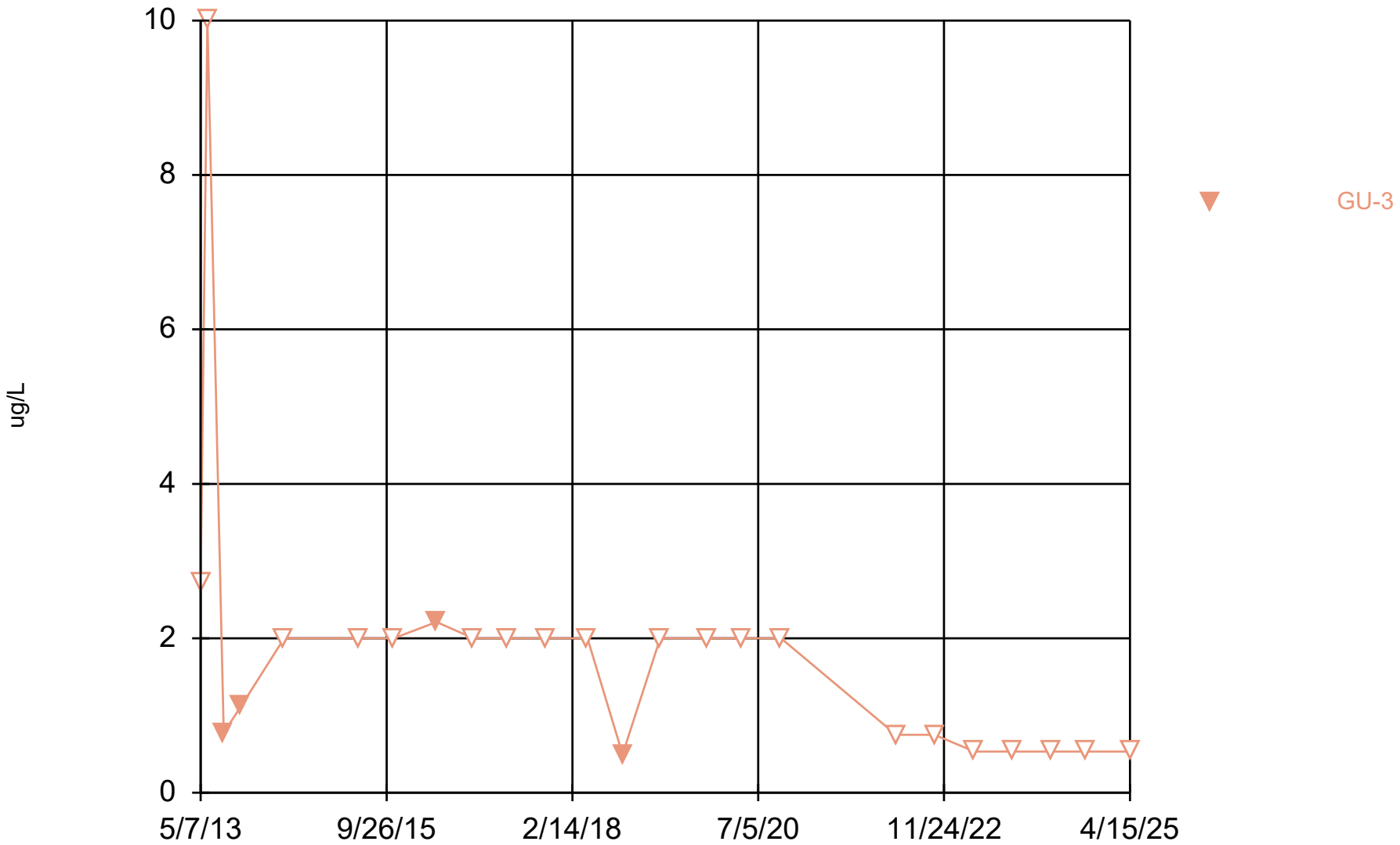
Hollow symbols indicate censored values.

Time Series



Constituent: Arsenic Analysis Run 6/12/2025 3:35 PM View: Underdrains - Appendix I Metals
DMASWA Data: DMASWA Database_Updated

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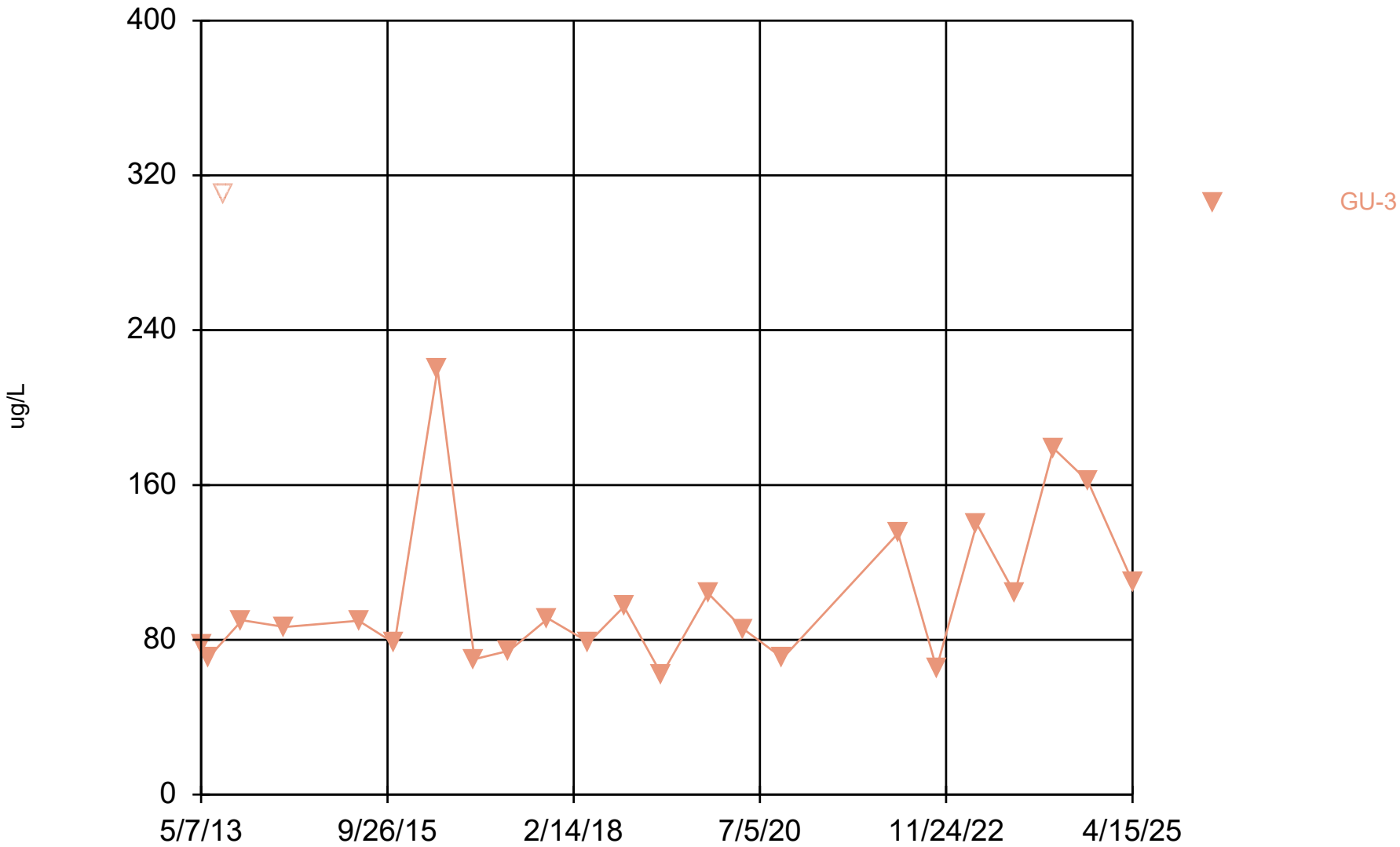
Hollow symbols indicate censored values.

Time Series



Constituent: Barium Analysis Run 6/12/2025 3:35 PM View: Underdrains - Appendix I Metals

DMASWA Data: DMASWA Database_Updated

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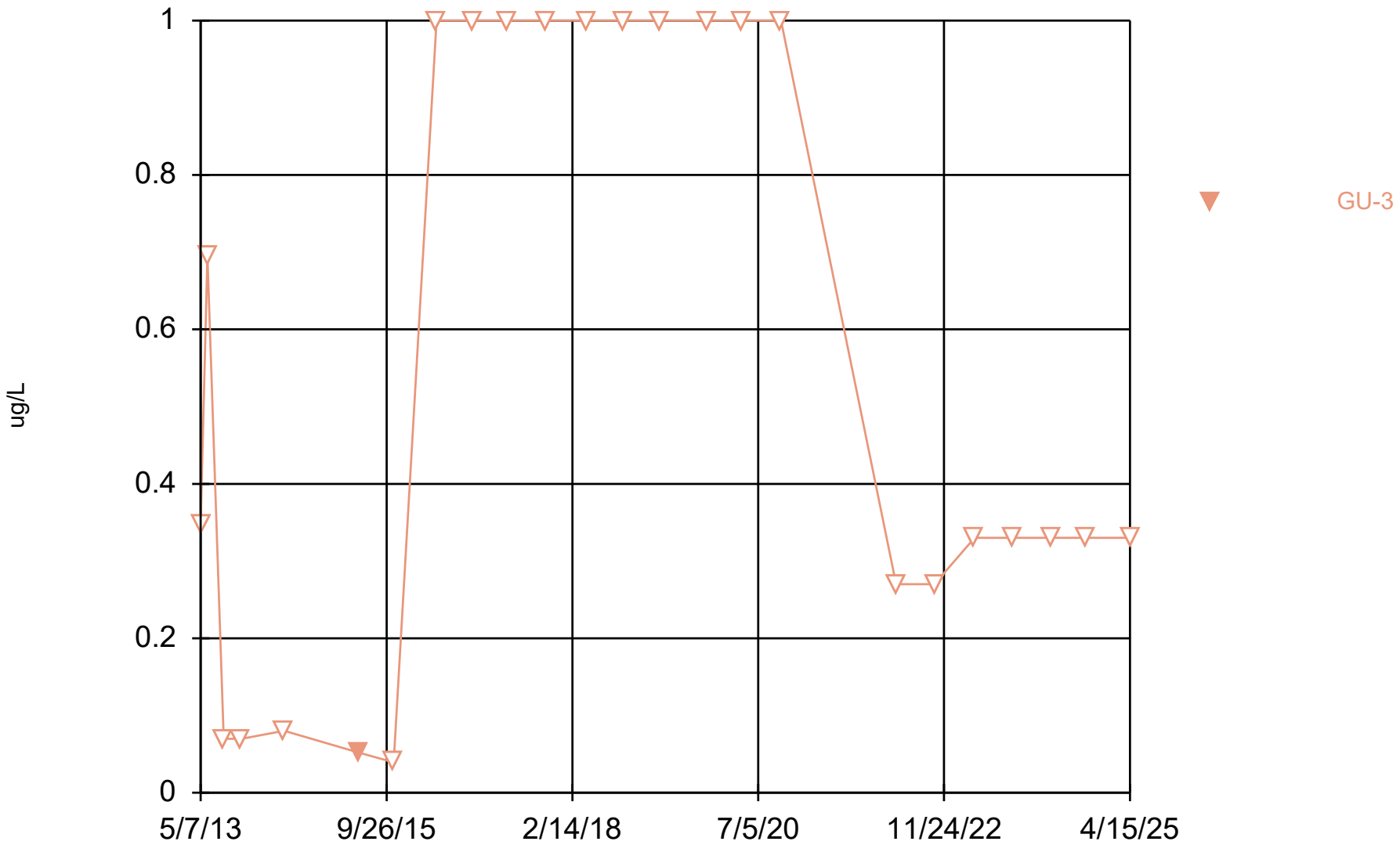
Hollow symbols indicate censored values.

Time Series



Constituent: Beryllium Analysis Run 6/12/2025 3:35 PM View: Underdrains - Appendix I Metals
DMASWA Data: DMASWA Database_Updated

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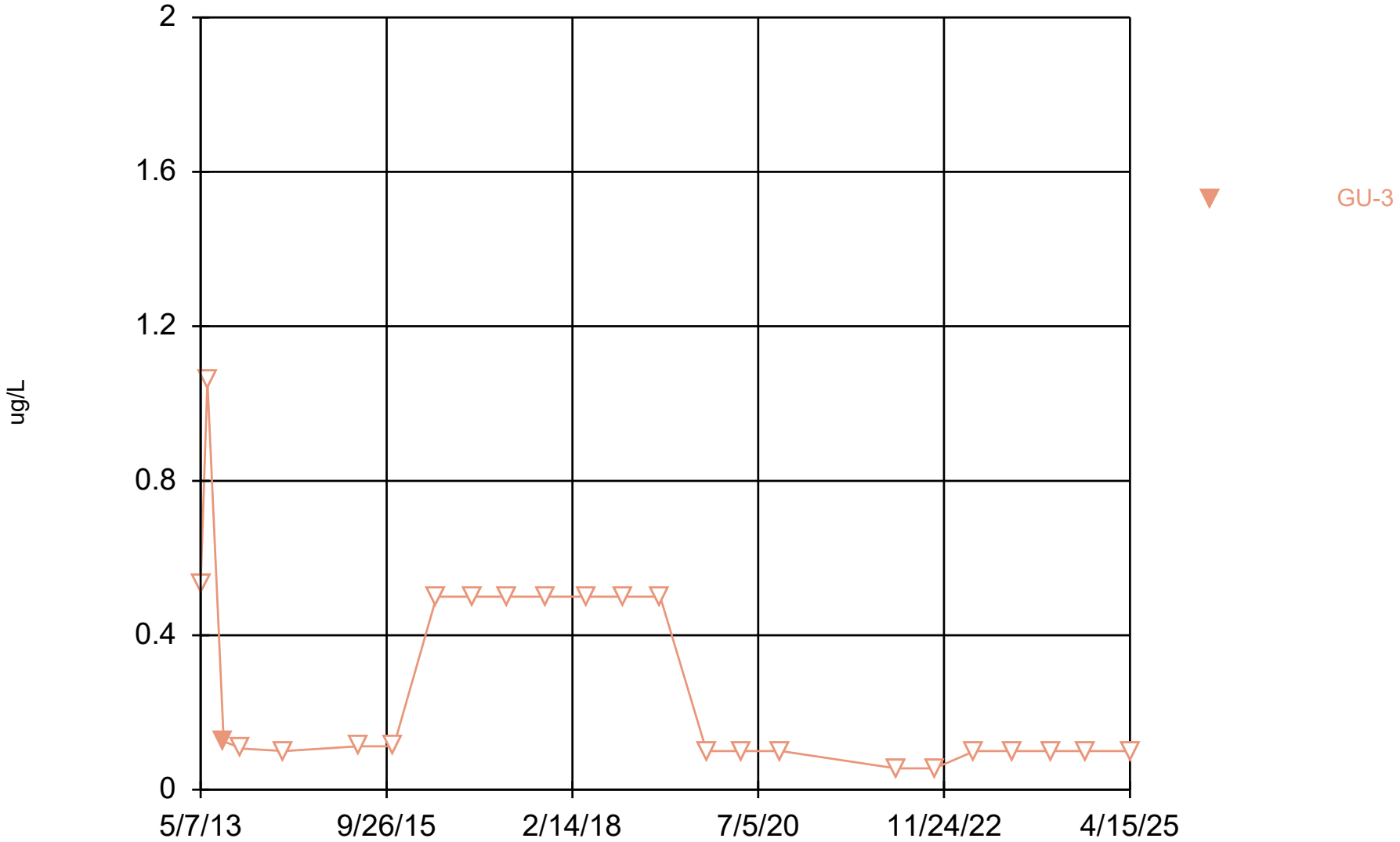
Hollow symbols indicate censored values.

Time Series



Constituent: Cadmium Analysis Run 6/12/2025 3:35 PM View: Underdrains - Appendix I Metals
DMASWA Data: DMASWA Database_Updated

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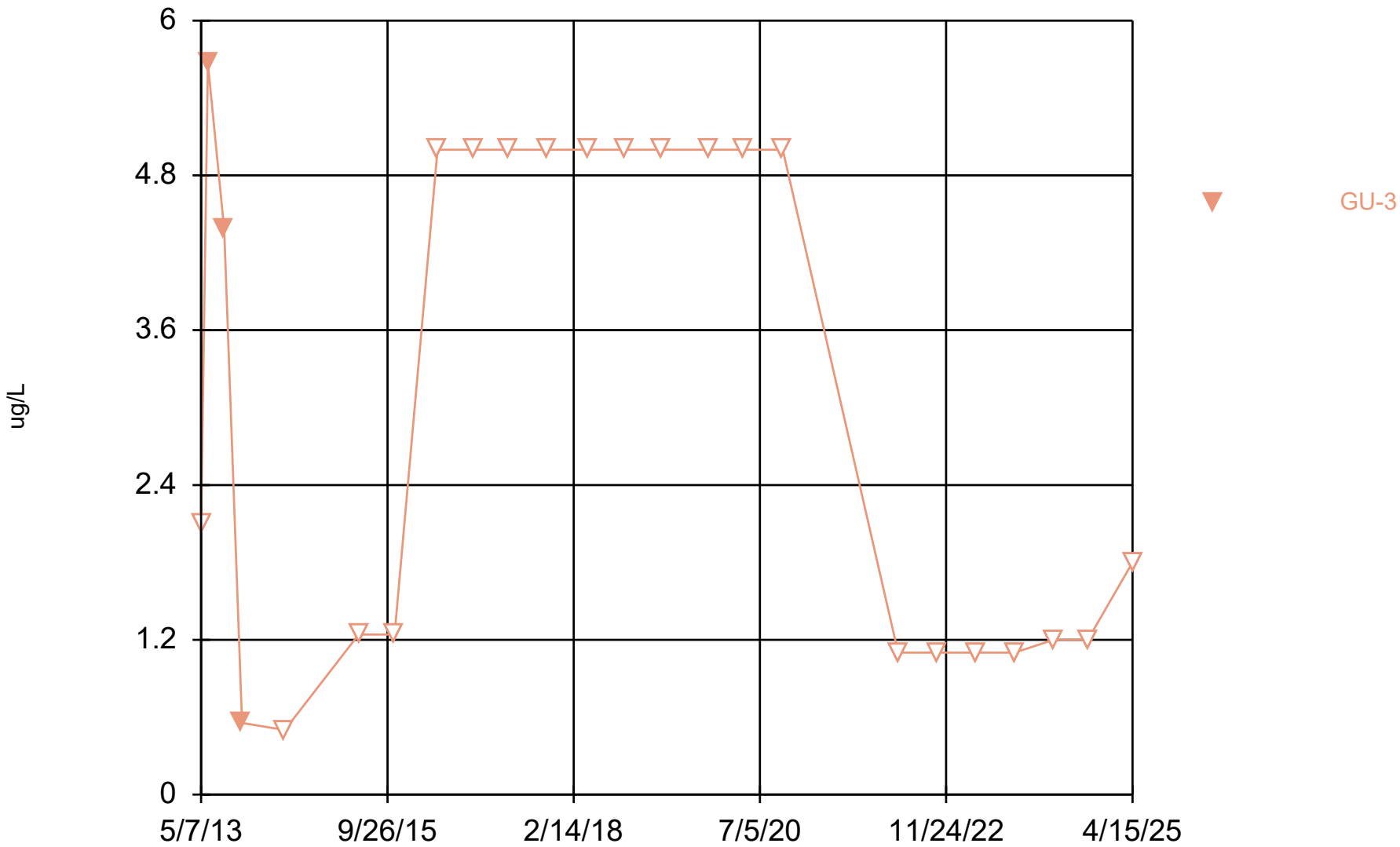
Hollow symbols indicate censored values.

Time Series



Constituent: Chromium Analysis Run 6/12/2025 3:35 PM View: Underdrains - Appendix I Metals DMASWA Data: DMASWA Database_Updated

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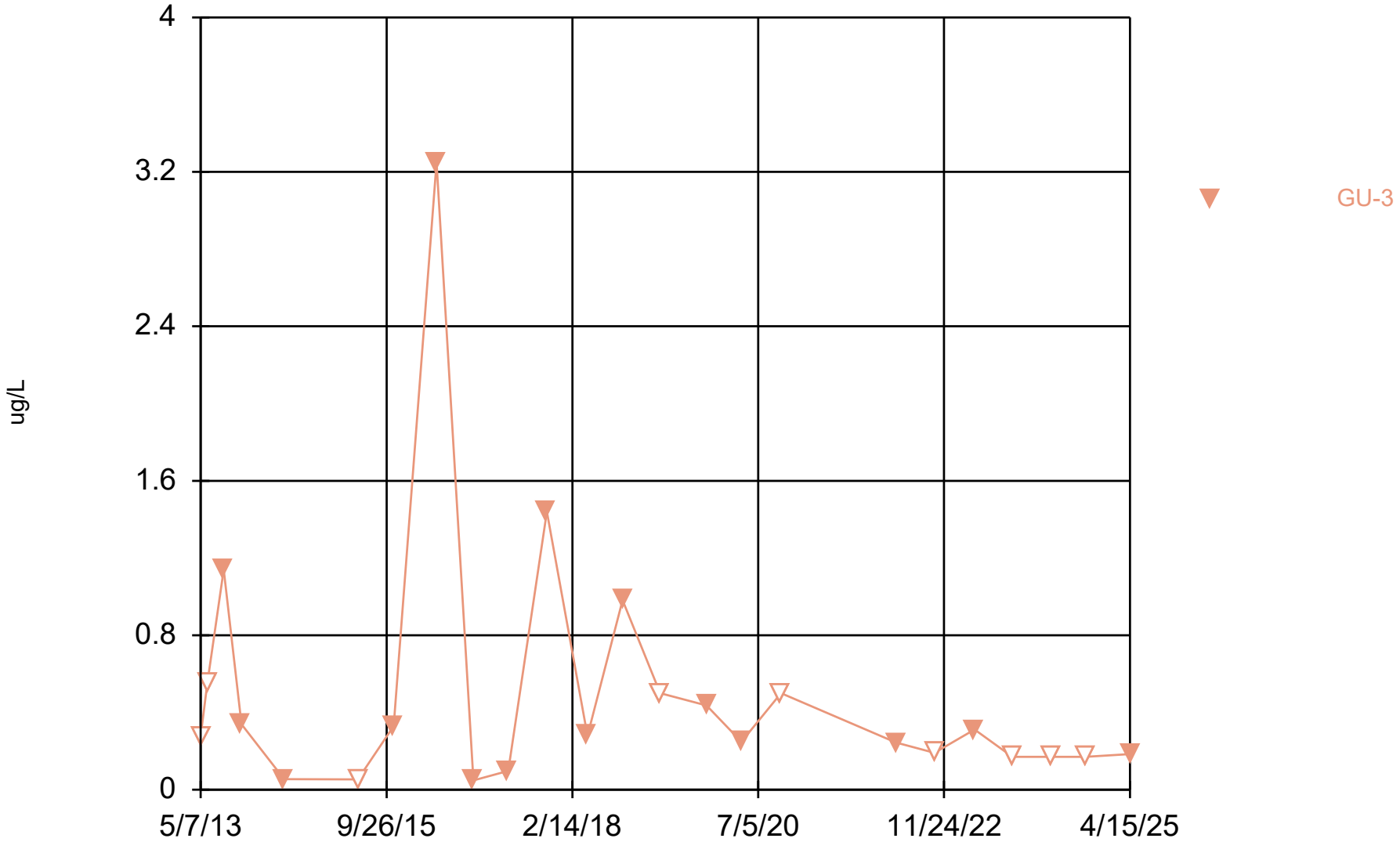
Hollow symbols indicate censored values.

Time Series



Constituent: Cobalt Analysis Run 6/12/2025 3:35 PM View: Underdrains - Appendix I Metals

DMASWA Data: DMASWA Database_Updated

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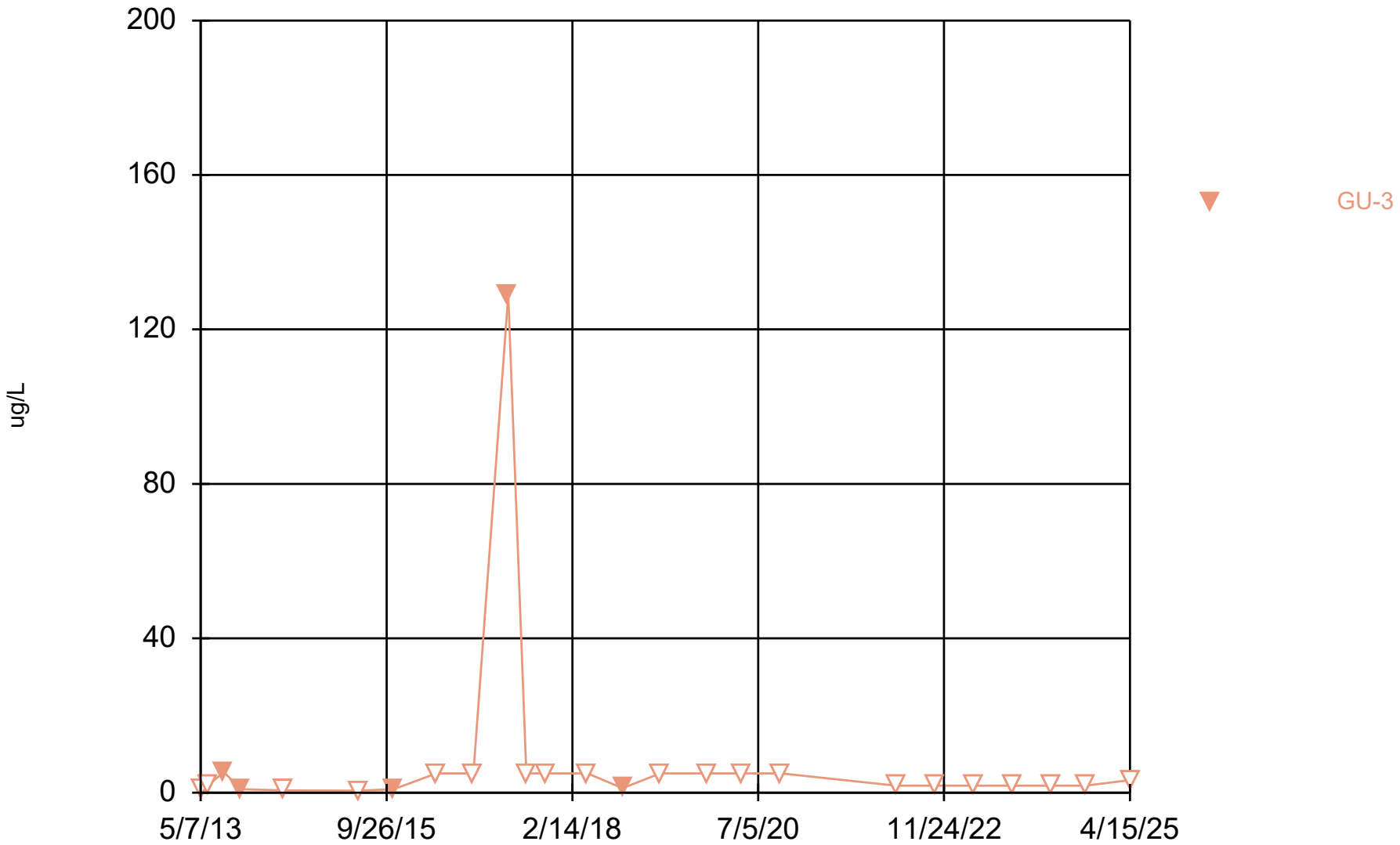
Hollow symbols indicate censored values.

Time Series



Constituent: Copper Analysis Run 6/12/2025 3:35 PM View: Underdrains - Appendix I Metals

DMASWA Data: DMASWA Database_Updated

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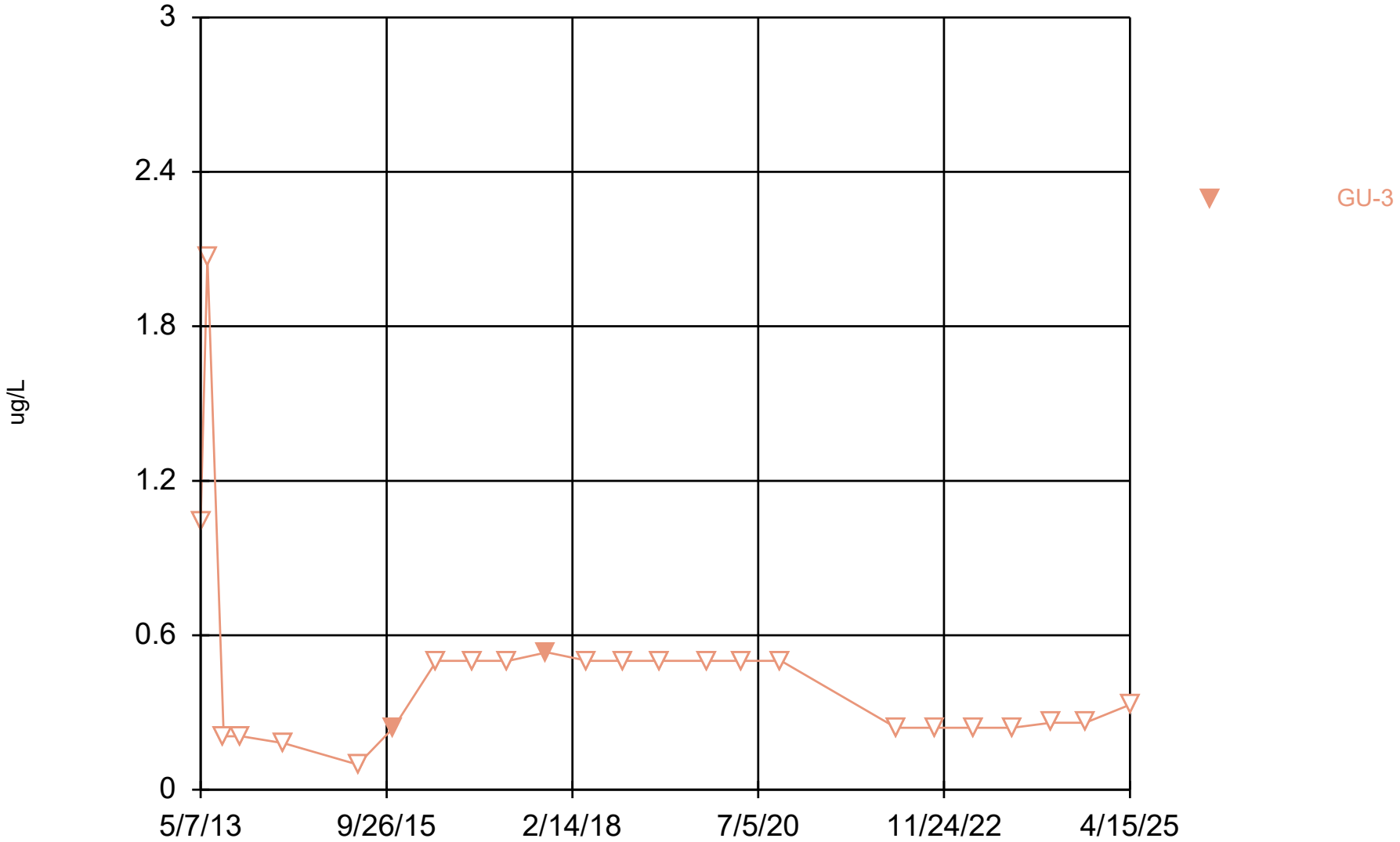
Hollow symbols indicate censored values.

Time Series



Constituent: Lead Analysis Run 6/12/2025 3:35 PM View: Underdrains - Appendix I Metals

DMASWA Data: DMASWA Database_Updated

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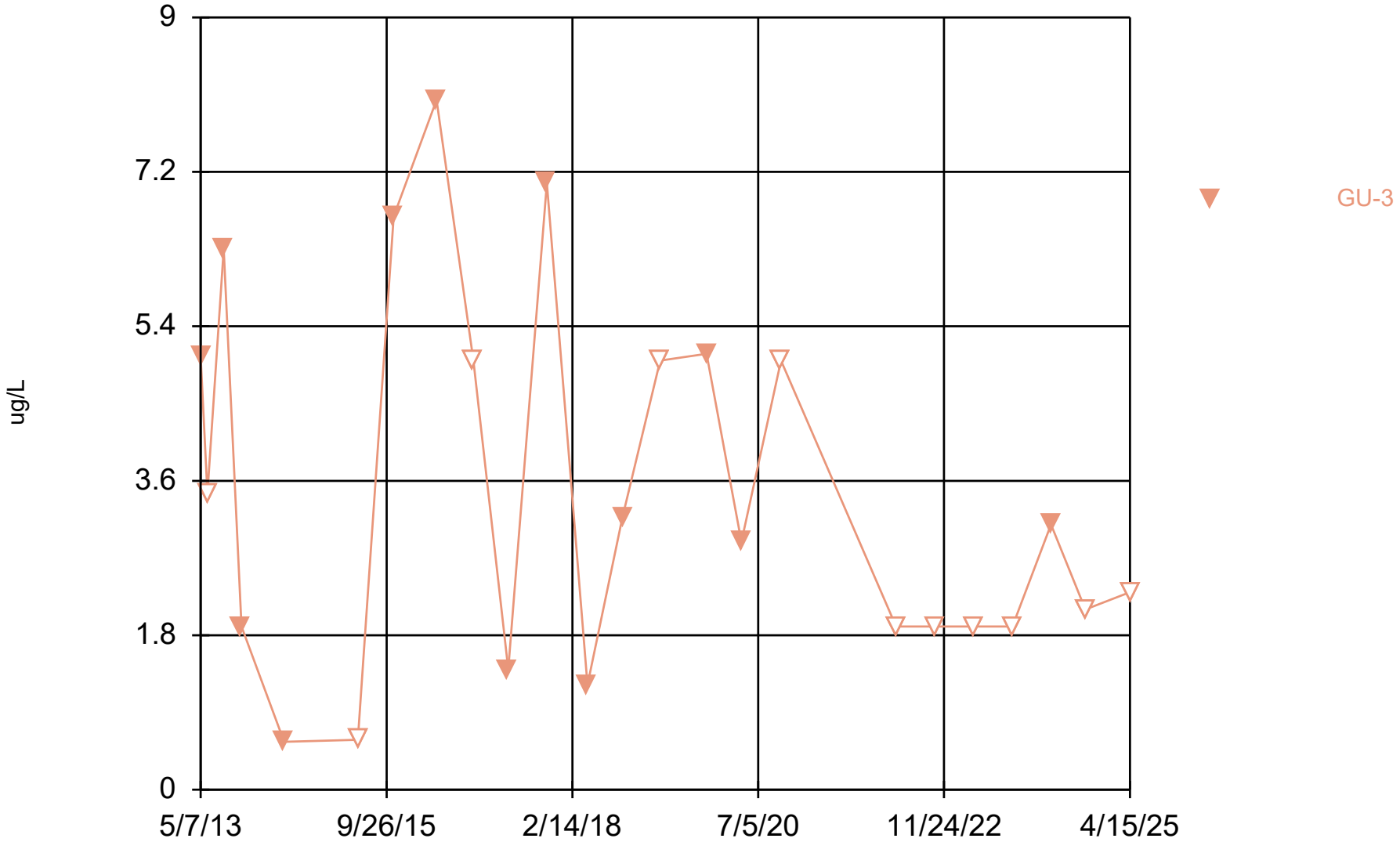
Hollow symbols indicate censored values.

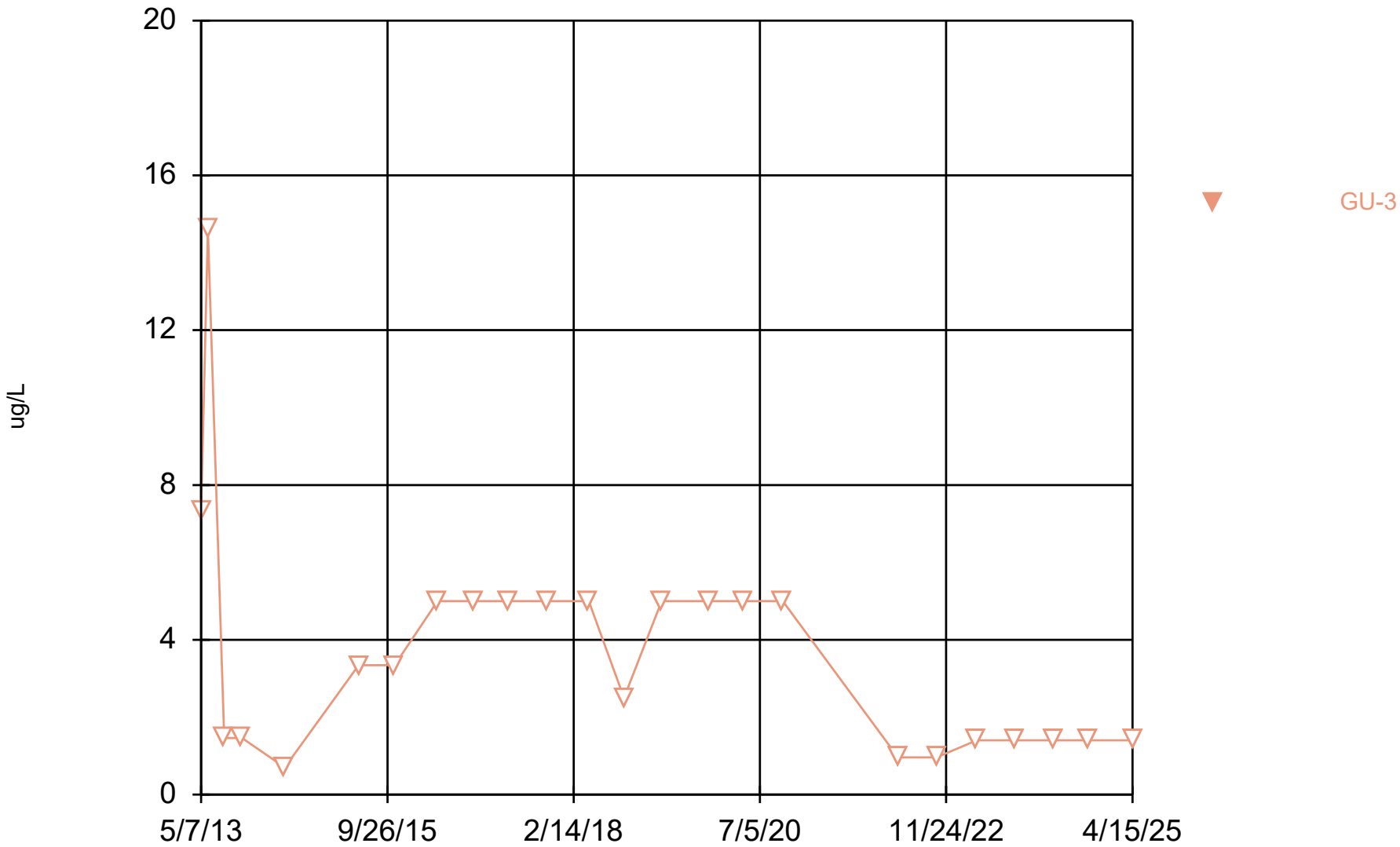
Time Series



Constituent: Nickel Analysis Run 6/12/2025 3:35 PM View: Underdrains - Appendix I Metals
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Selenium Analysis Run 6/12/2025 3:35 PM View: Underdrains - Appendix I Metals DMASWA Data: DMASWA Database_Updated

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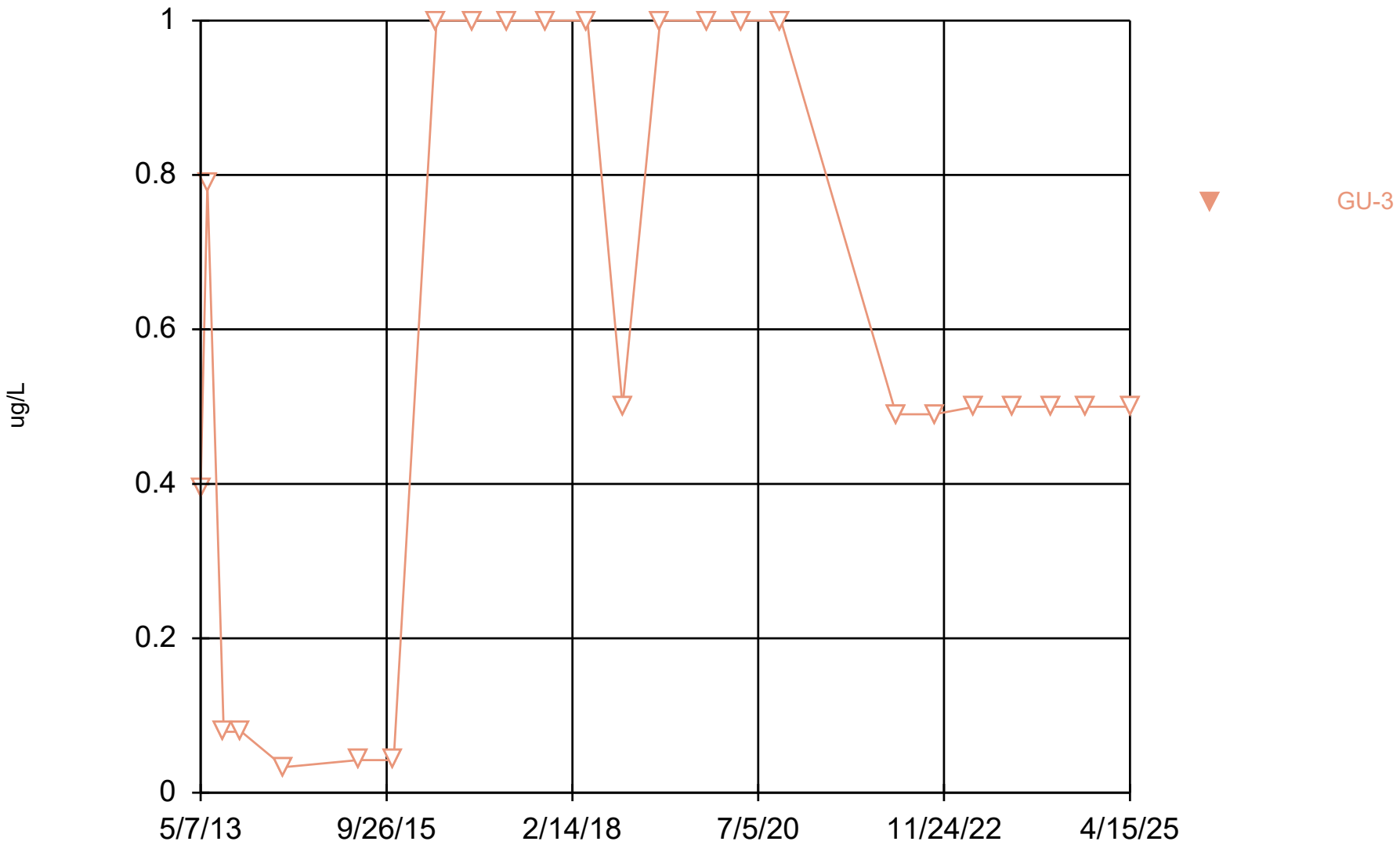
Hollow symbols indicate censored values.

Time Series

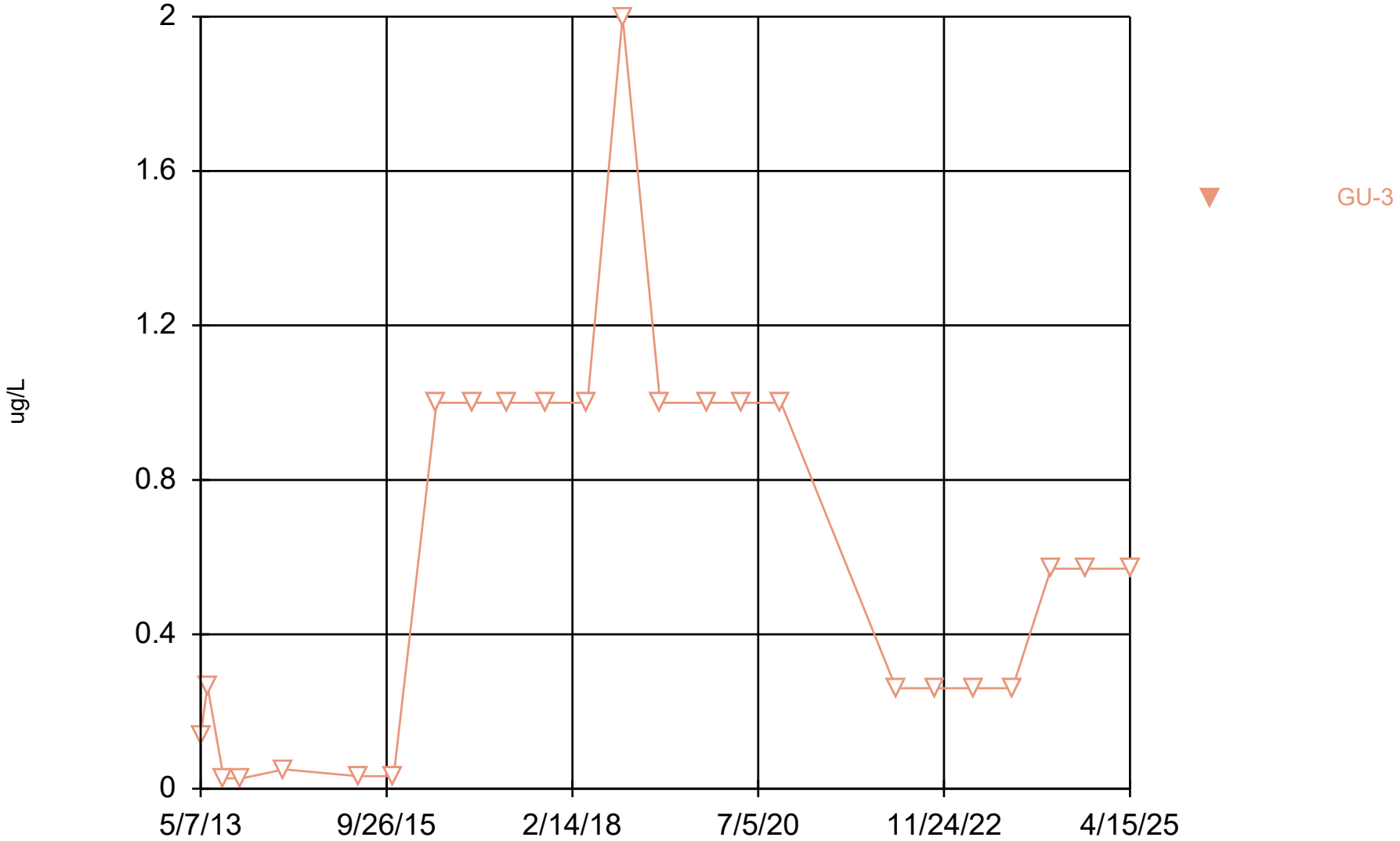


Constituent: Silver Analysis Run 6/12/2025 3:35 PM View: Underdrains - Appendix I Metals

DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Thallium Analysis Run 6/12/2025 3:35 PM View: Underdrains - Appendix I Metals
DMASWA Data: DMASWA Database_Updated

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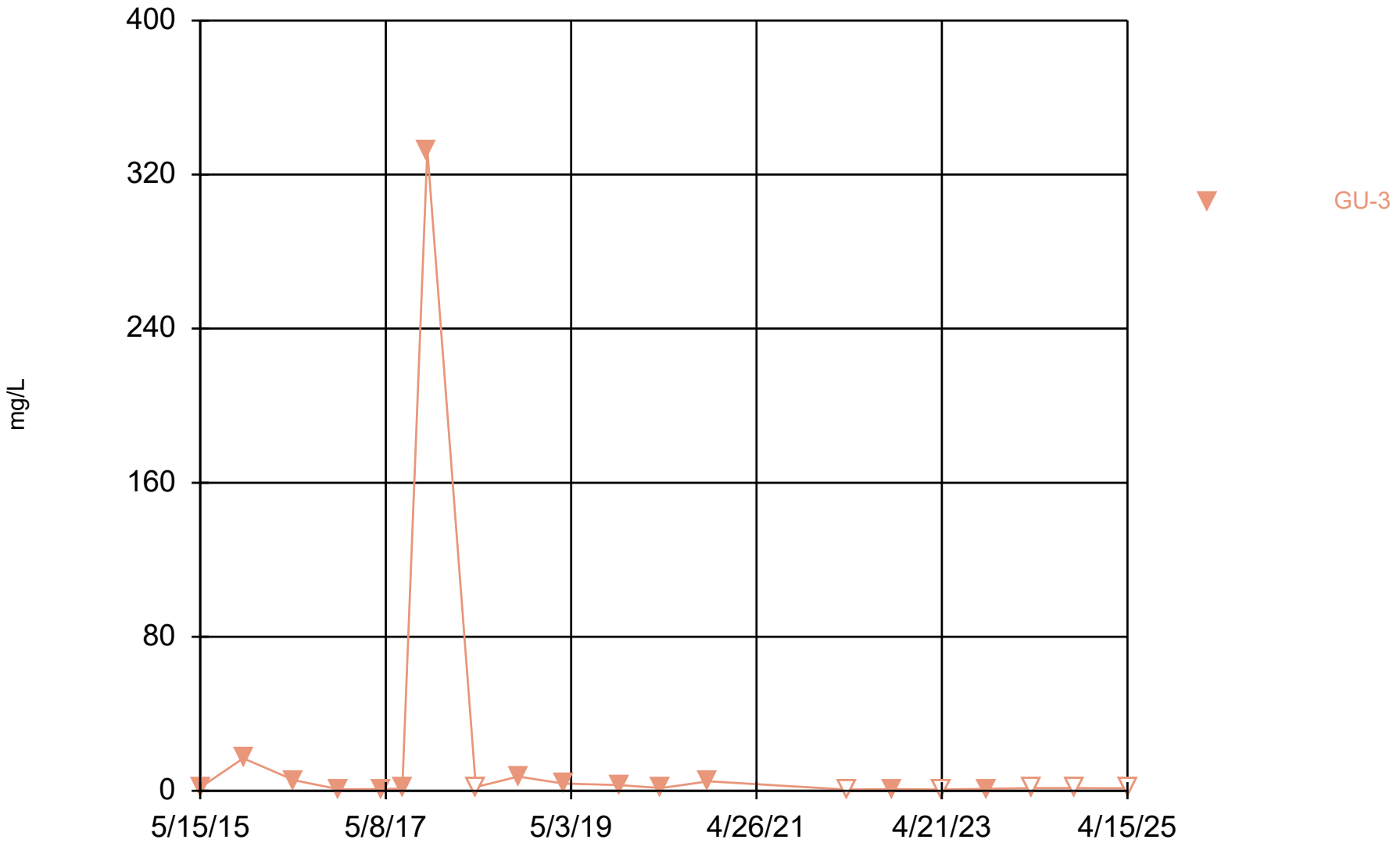
Hollow symbols indicate censored values.

Time Series



Constituent: Total Suspended Solids Analysis Run 6/12/2025 3:35 PM View: Underdrains - Appendix I Met DMASWA Data: DMASWA Database_Updated

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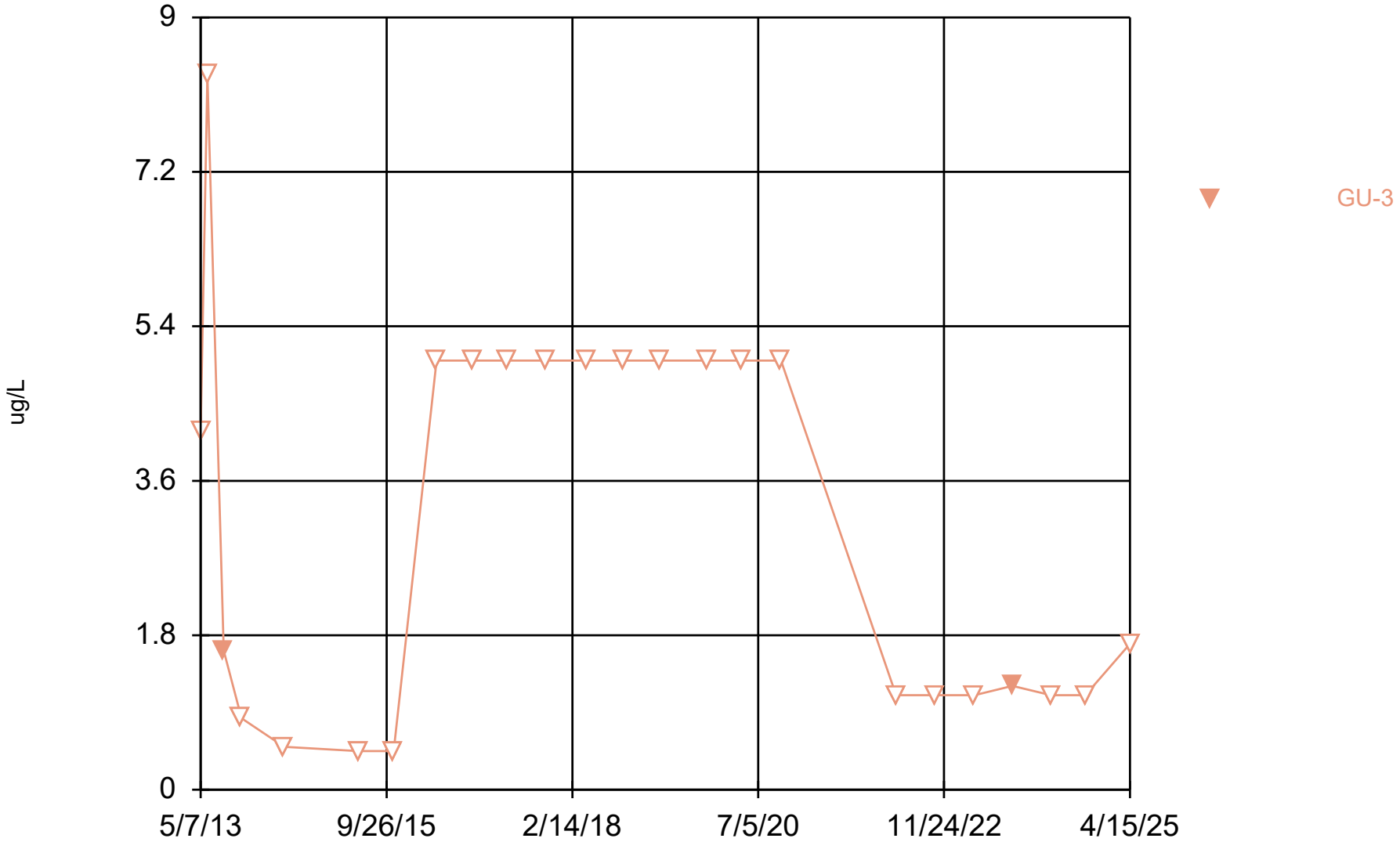
Hollow symbols indicate censored values.

Time Series



Constituent: Vanadium Analysis Run 6/12/2025 3:35 PM View: Underdrains - Appendix I Metals

DMASWA Data: DMASWA Database_Updated

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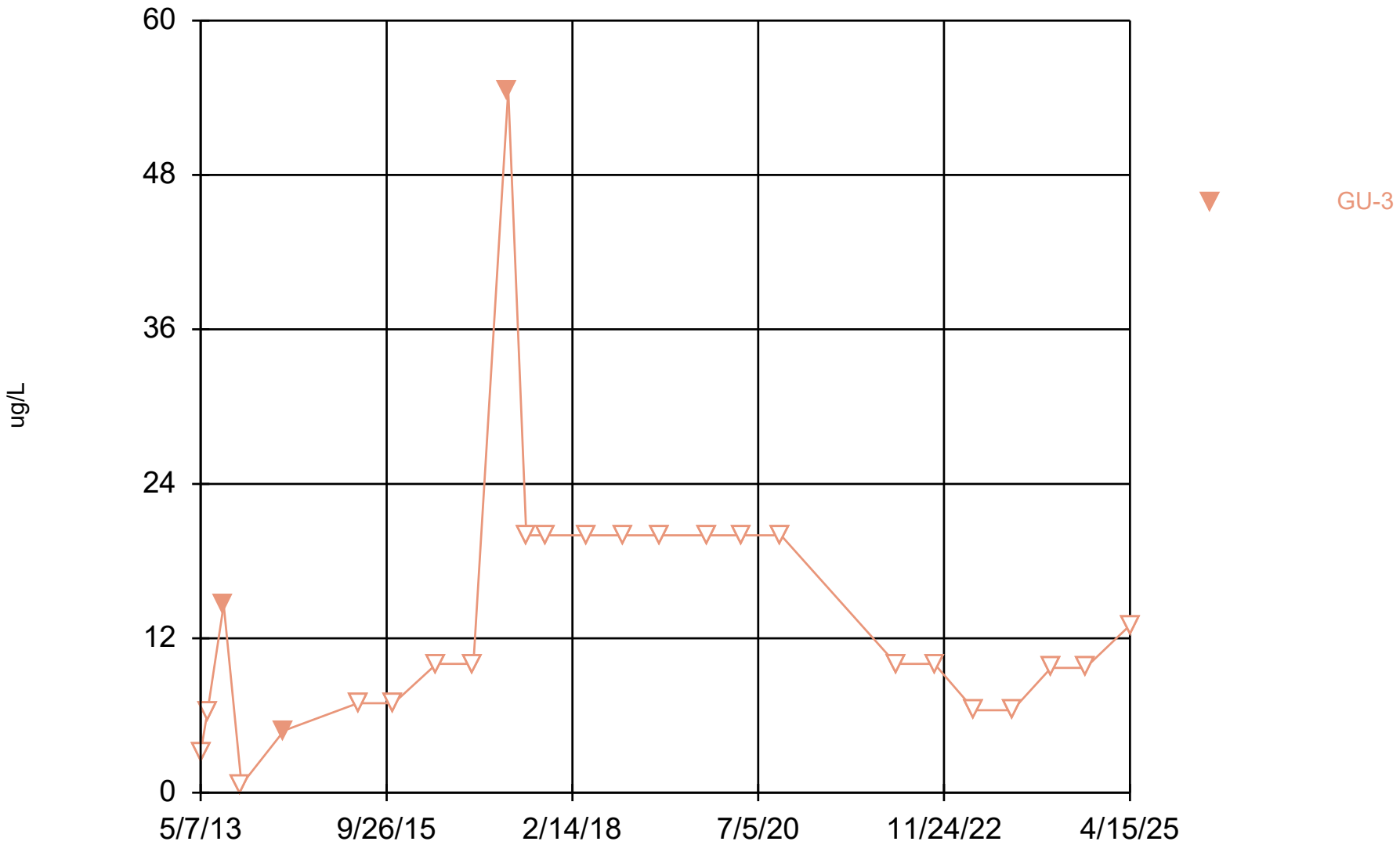
Hollow symbols indicate censored values.

Time Series



Constituent: Zinc Analysis Run 6/12/2025 3:35 PM View: Underdrains - Appendix I Metals

DMASWA Data: DMASWA Database_Updated

Groundwater Underdrains – Appendix I Metals

Box & Whisker Plots

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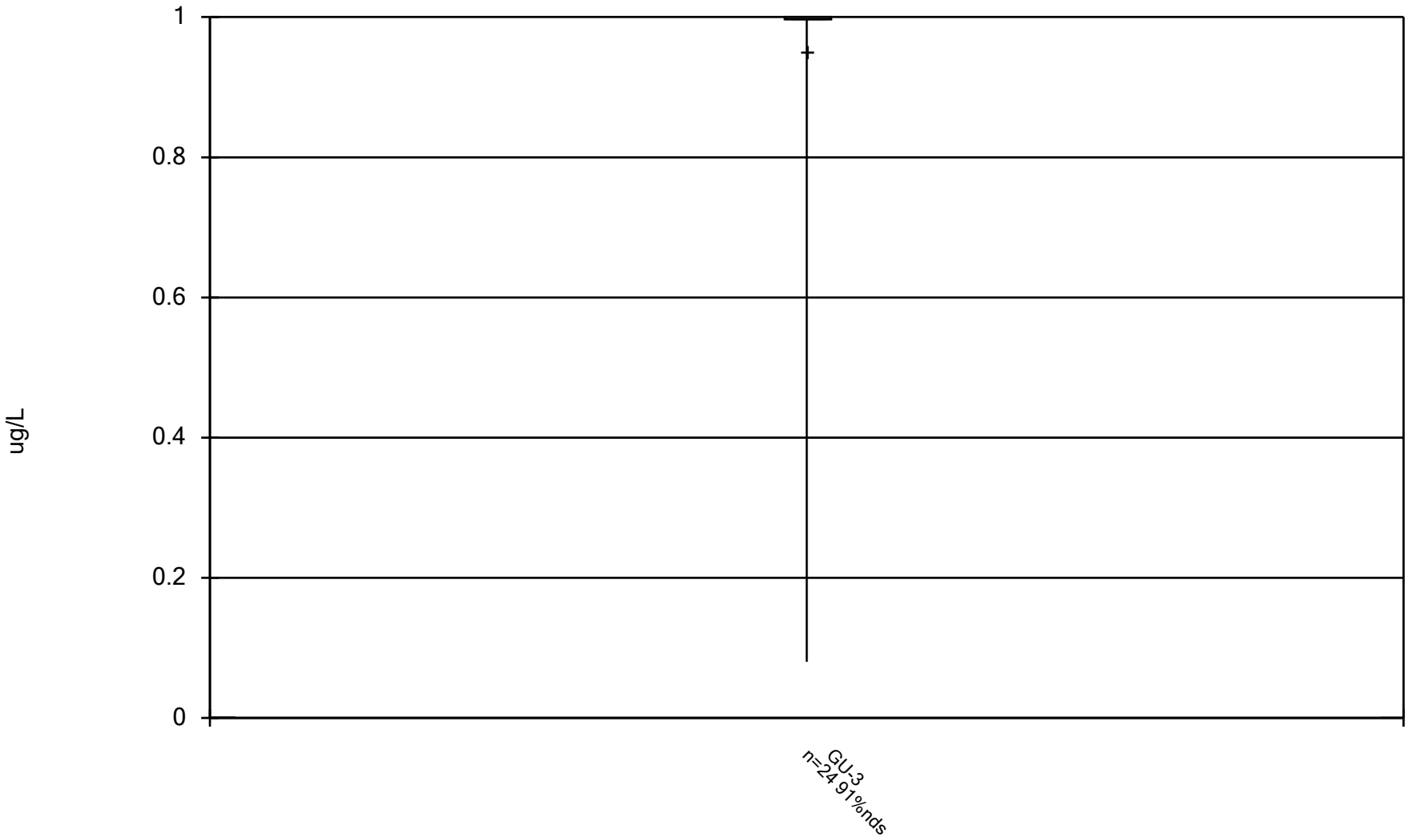
Box & Whiskers Plot



Constituent: Antimony Analysis Run 6/12/2025 3:36 PM View: Underdrains - Appendix I Metals DMASWA Data: DMASWA Database_Updated

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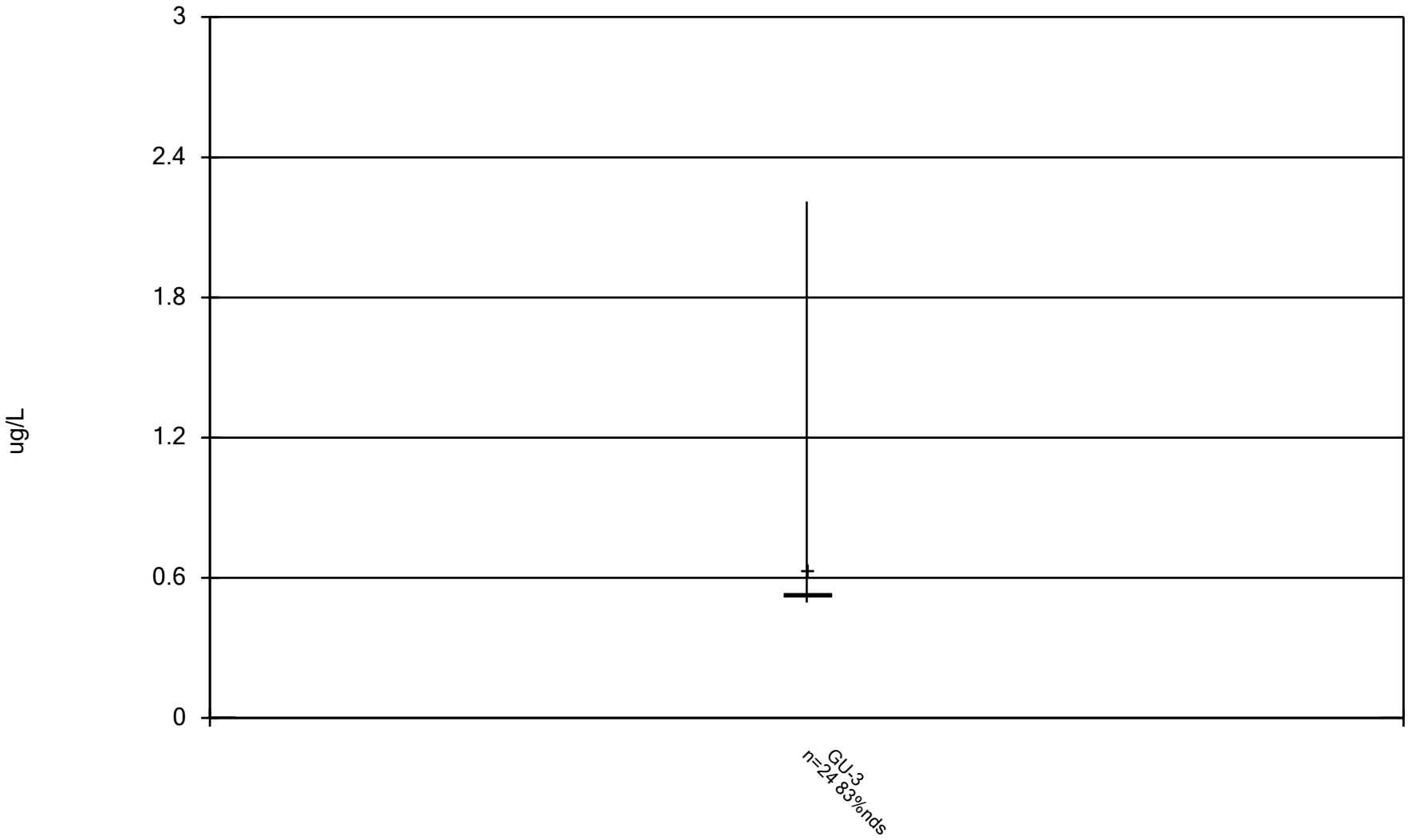
Box & Whiskers Plot



Constituent: Arsenic Analysis Run 6/12/2025 3:36 PM View: Underdrains - Appendix I Metals DMASWA Data: DMASWA Database_Updated

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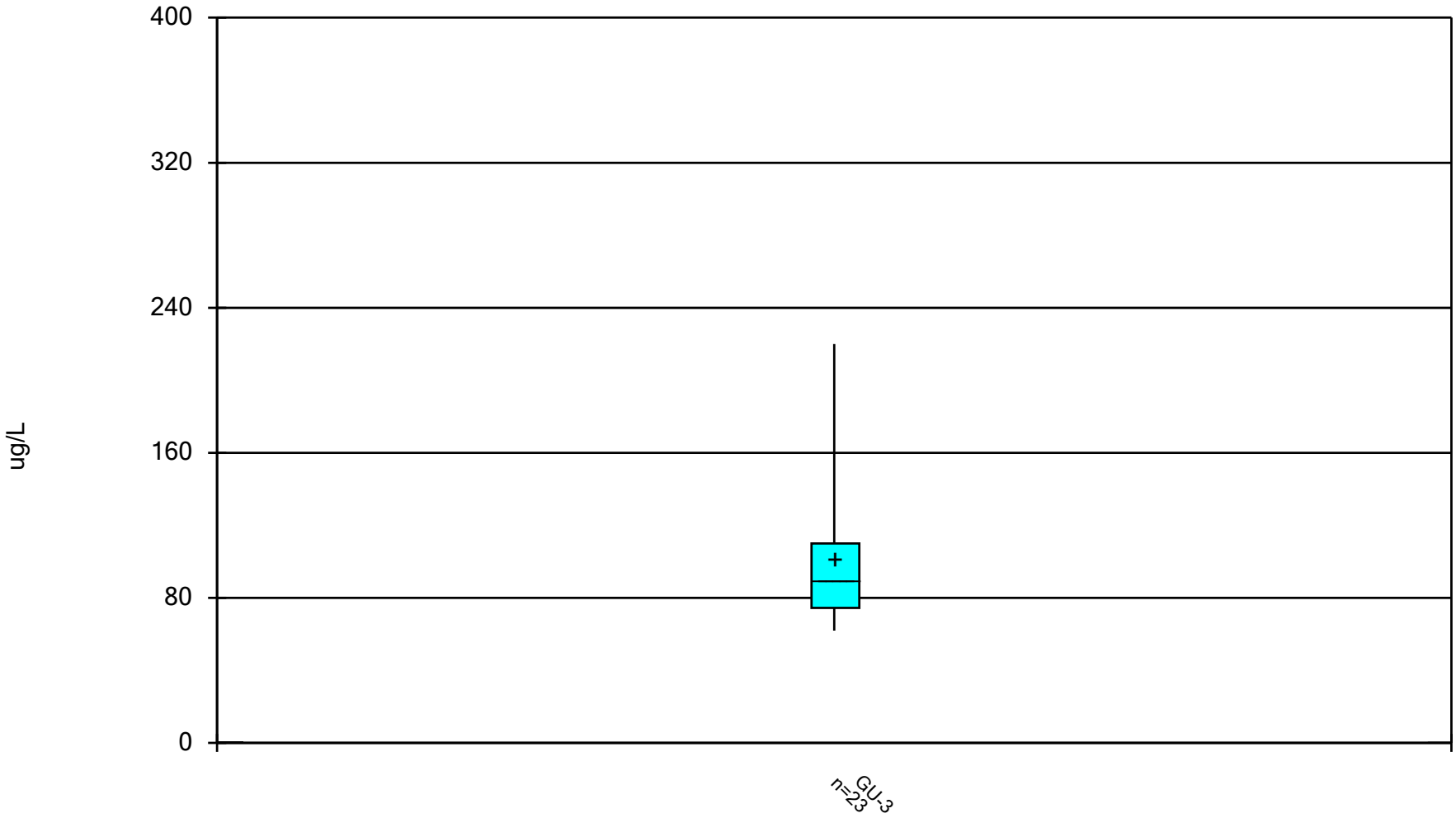
Box & Whiskers Plot



Constituent: Barium Analysis Run 6/12/2025 3:36 PM View: Underdrains - Appendix I Metals
DMASWA Data: DMASWA Database_Updated

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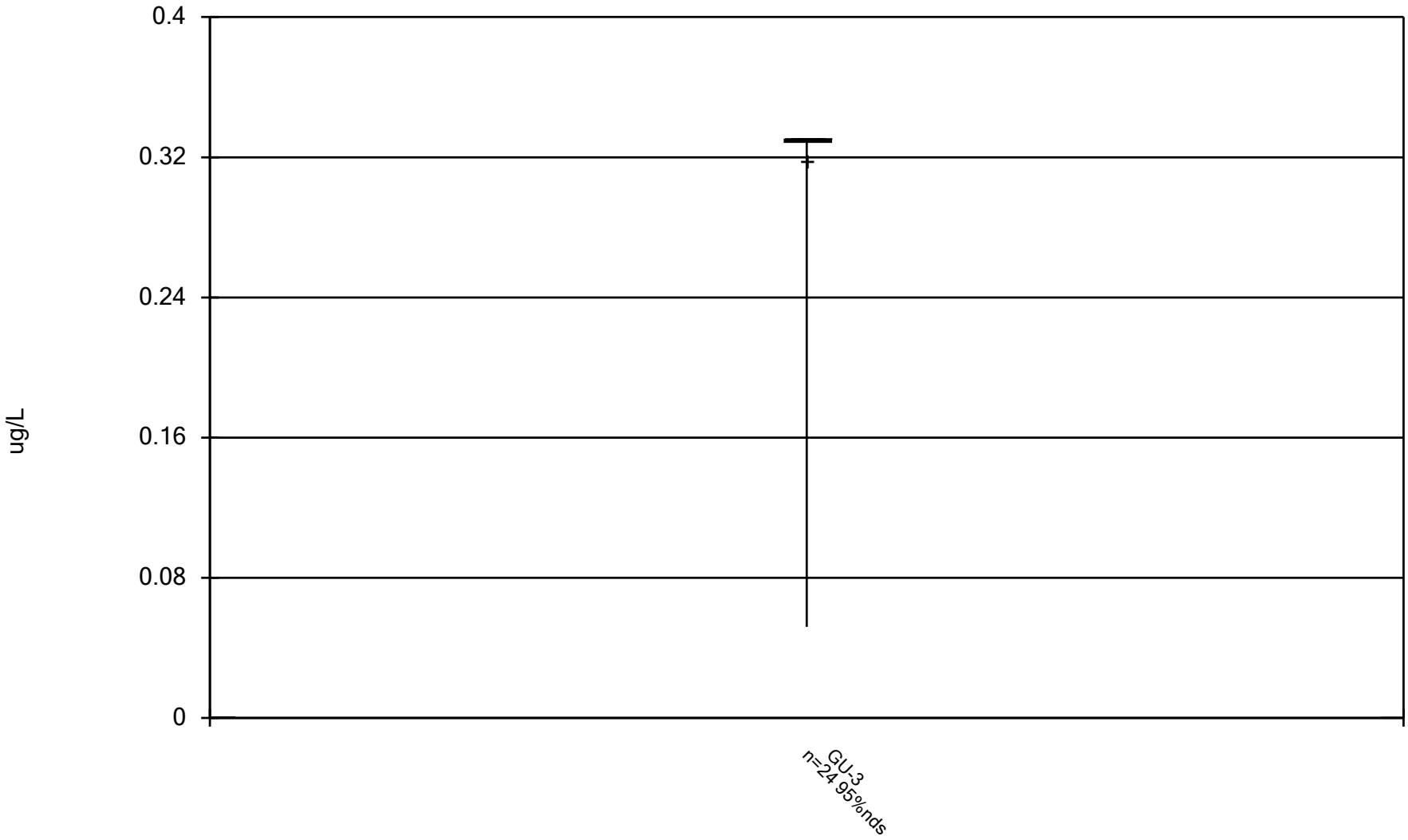
Box & Whiskers Plot



Constituent: Beryllium Analysis Run 6/12/2025 3:36 PM View: Underdrains - Appendix I Metals DMASWA Data: DMASWA Database_Updated

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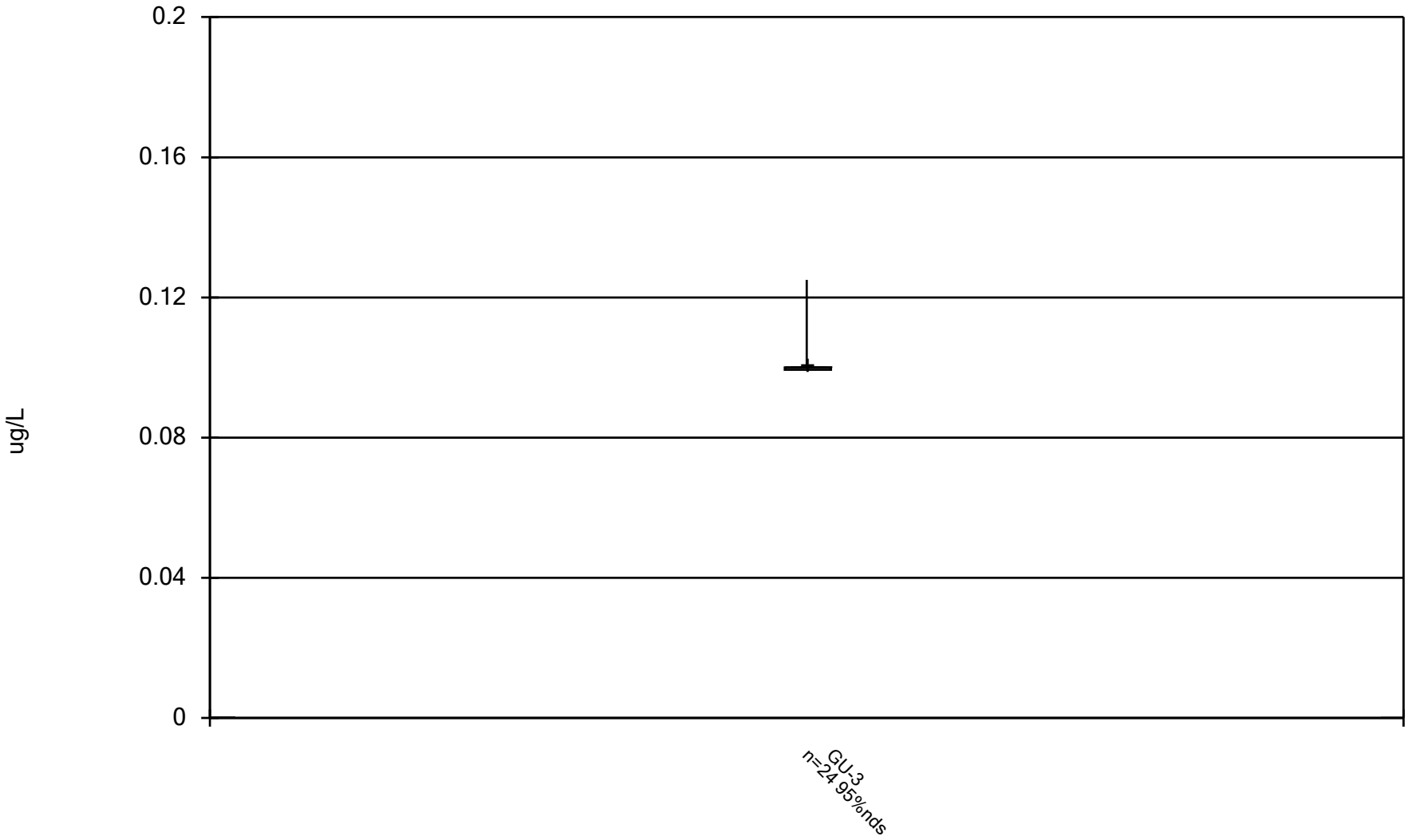
Box & Whiskers Plot



Constituent: Cadmium Analysis Run 6/12/2025 3:36 PM View: Underdrains - Appendix I Metals DMASWA Data: DMASWA Database_Updated

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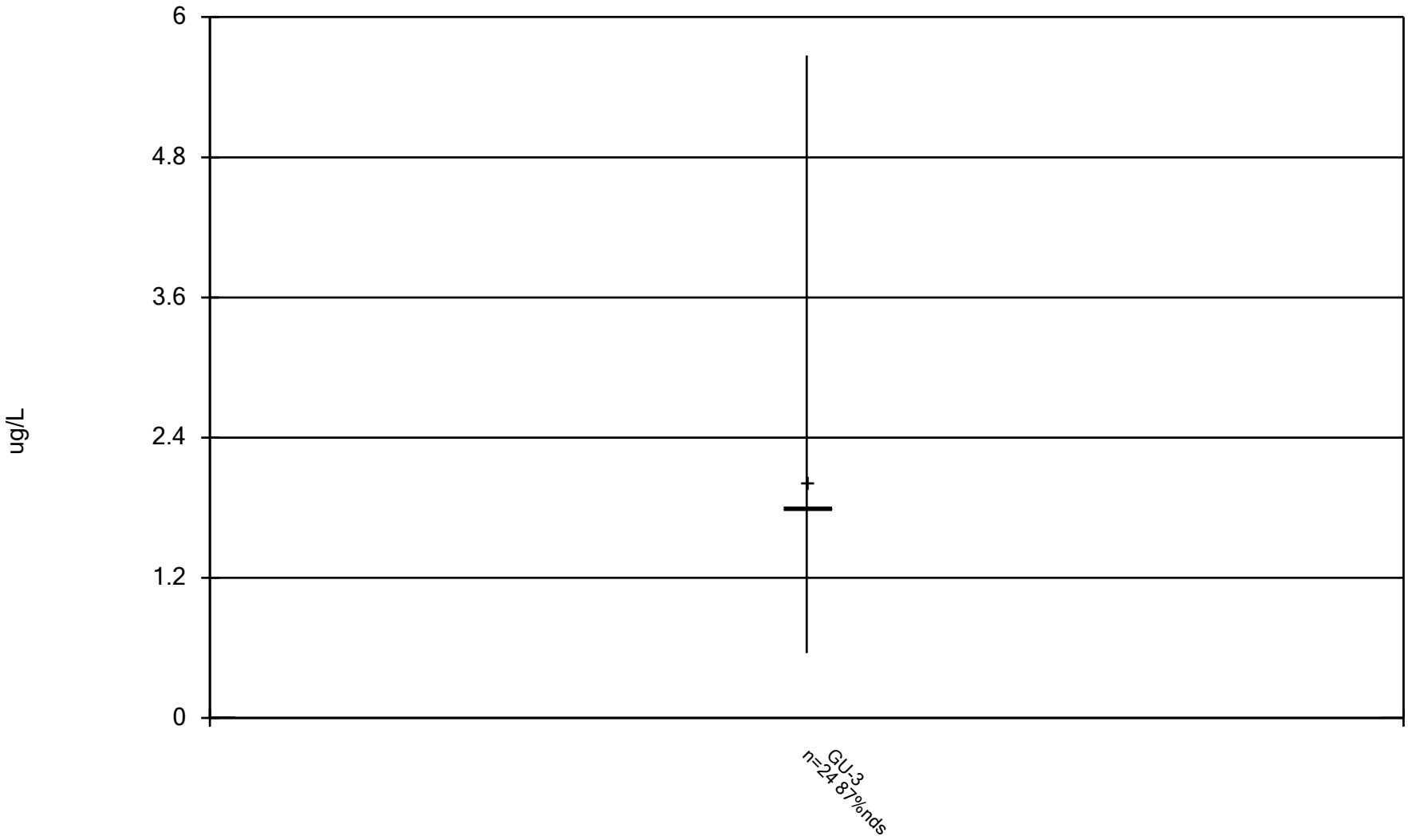
Box & Whiskers Plot



Constituent: Chromium Analysis Run 6/12/2025 3:36 PM View: Underdrains - Appendix I Metals DMASWA Data: DMASWA Database_Updated

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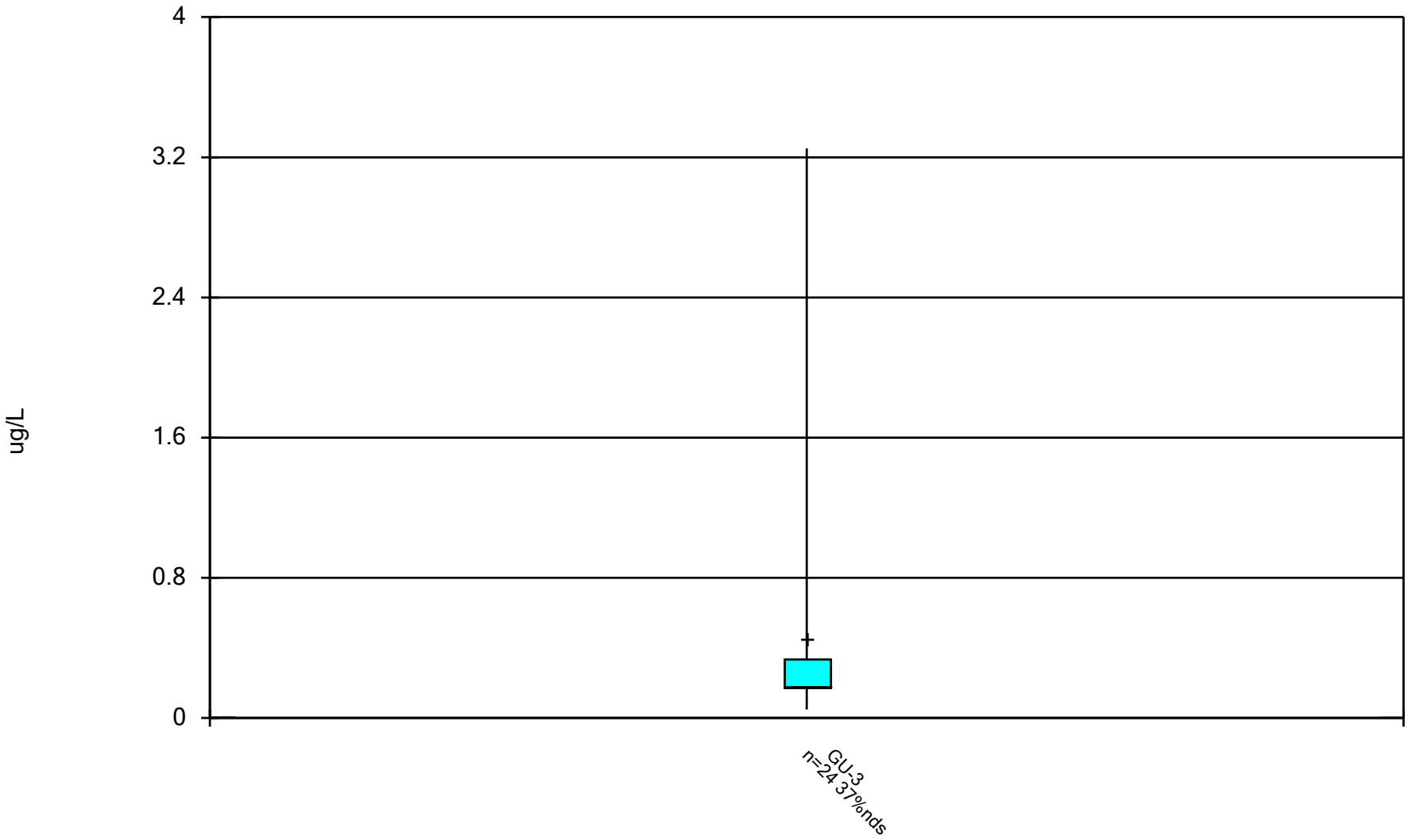
Box & Whiskers Plot



Constituent: Cobalt Analysis Run 6/12/2025 3:36 PM View: Underdrains - Appendix I Metals
DMASWA Data: DMASWA Database_Updated

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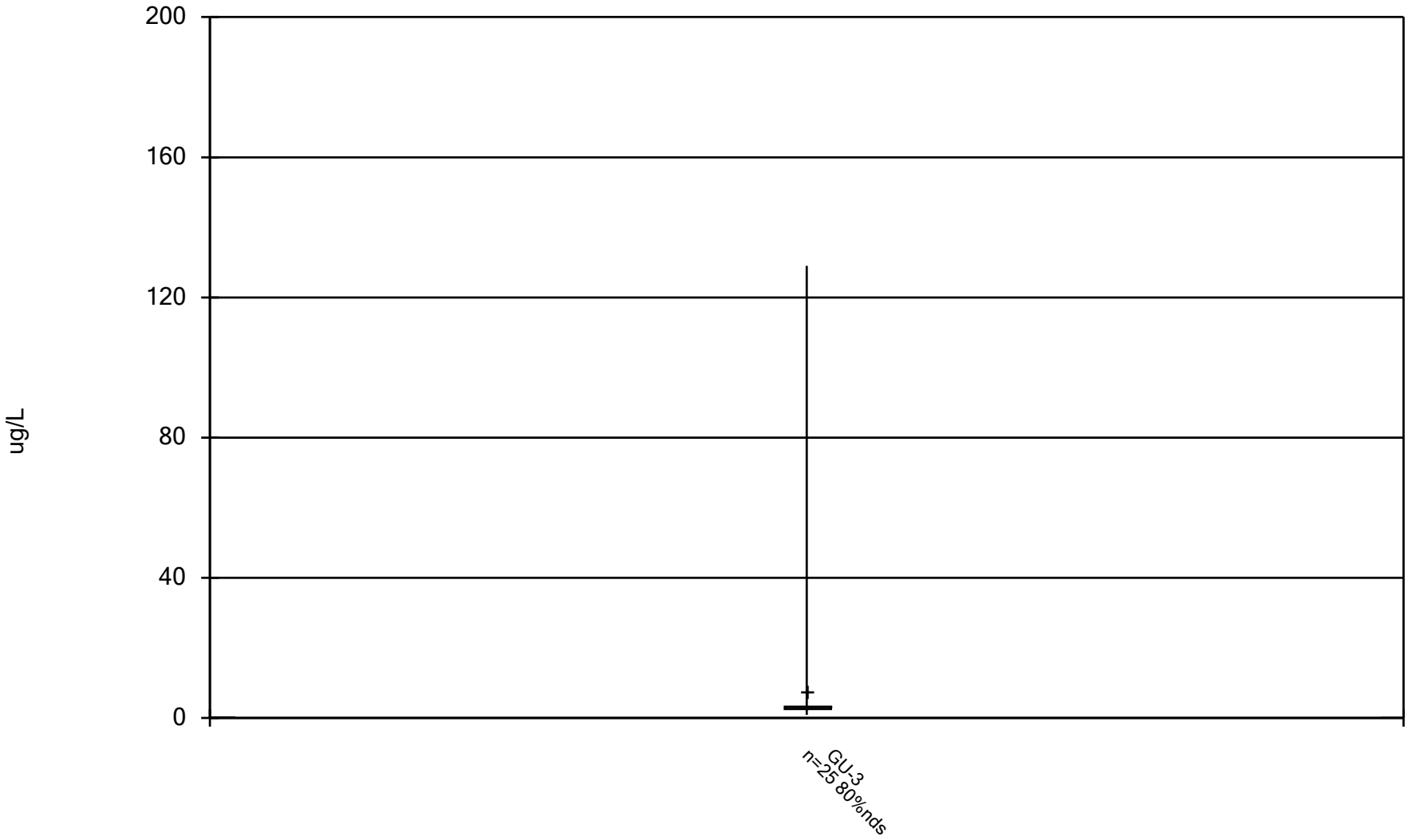
Box & Whiskers Plot



Constituent: Copper Analysis Run 6/12/2025 3:36 PM View: Underdrains - Appendix I Metals DMASWA Data: DMASWA Database_Updated

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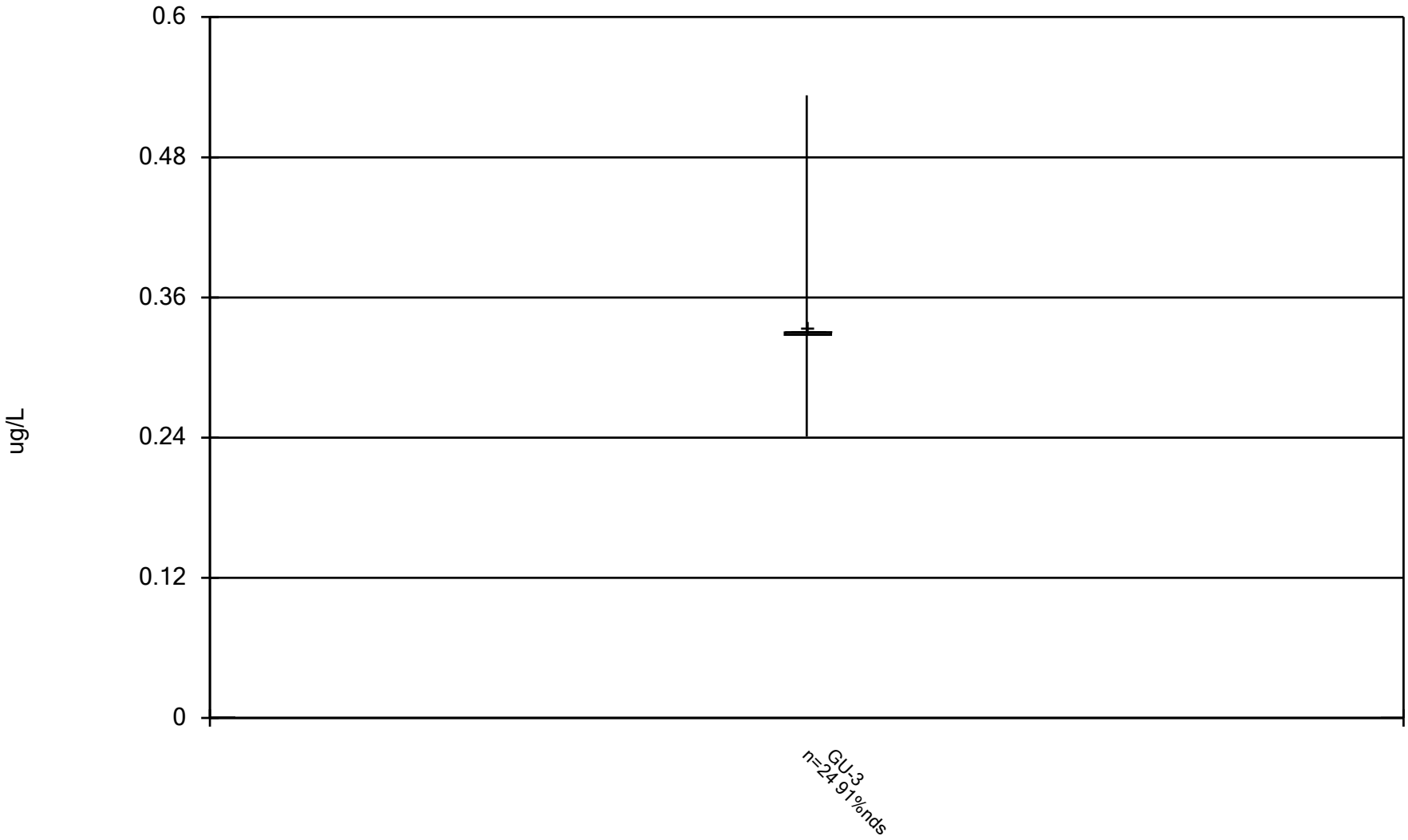
Box & Whiskers Plot



Constituent: Lead Analysis Run 6/12/2025 3:36 PM View: Underdrains - Appendix I Metals DMASWA Data: DMASWA Database_Updated

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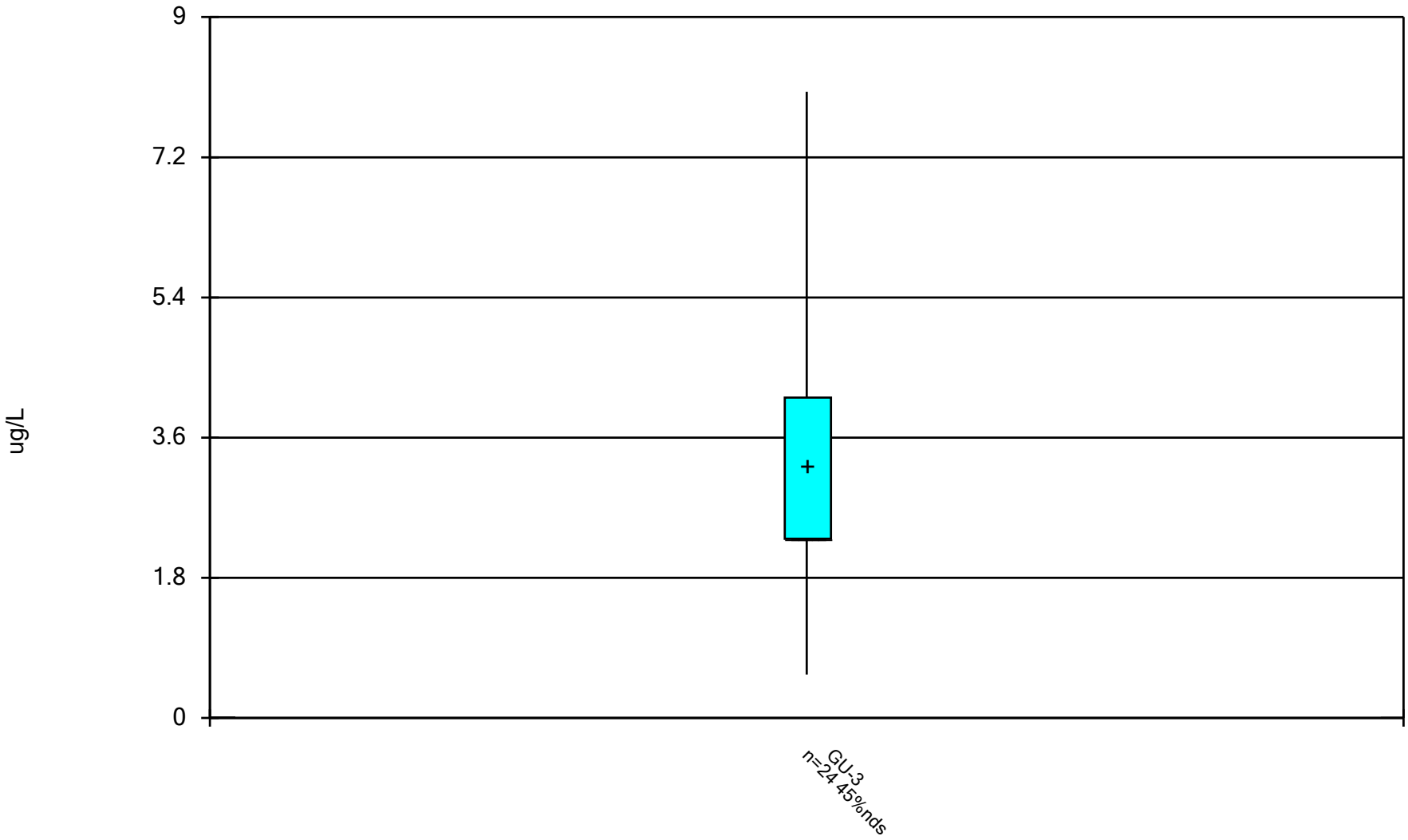
Box & Whiskers Plot



Constituent: Nickel Analysis Run 6/12/2025 3:36 PM View: Underdrains - Appendix I Metals
DMASWA Data: DMASWA Database_Updated

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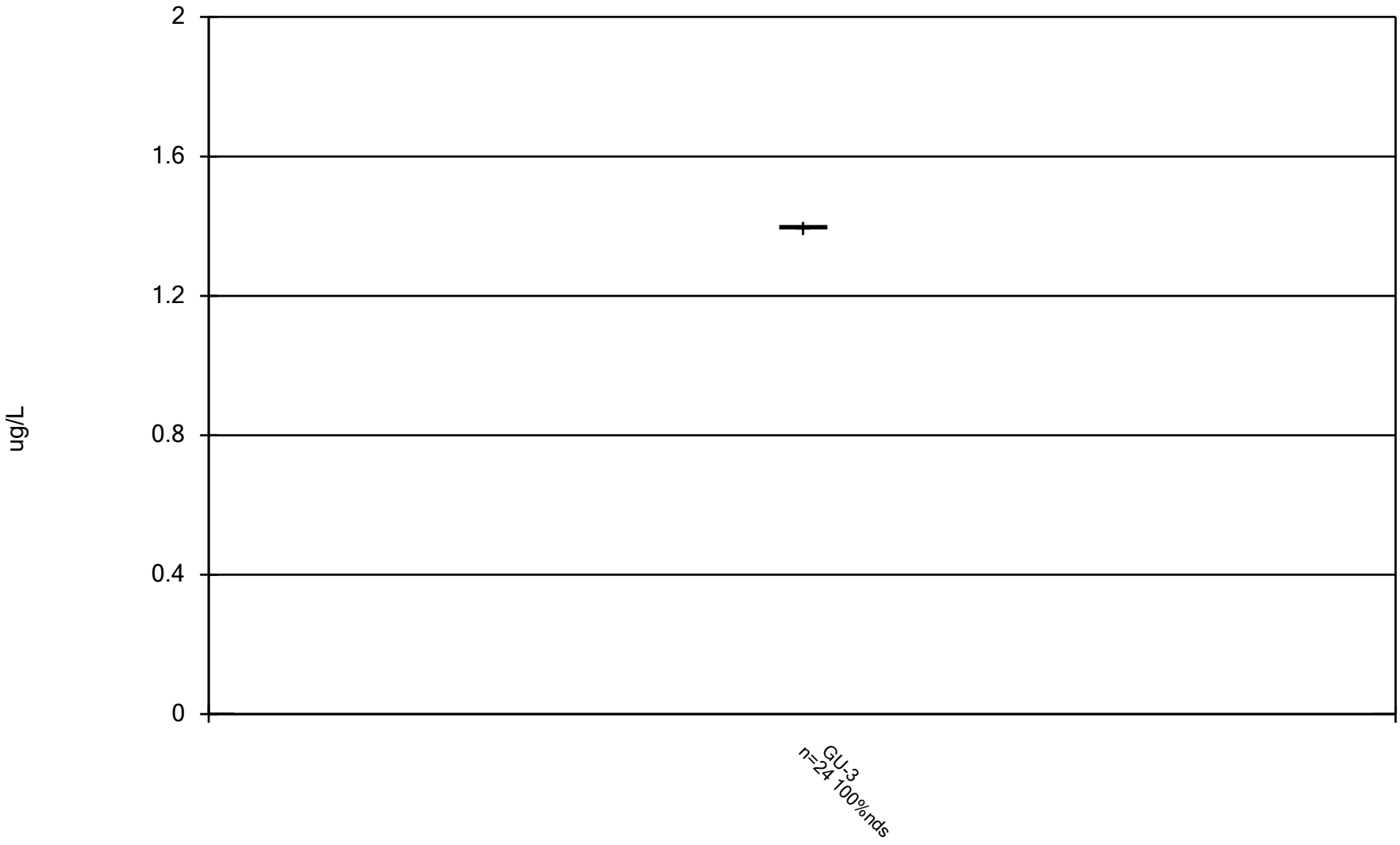
Box & Whiskers Plot



Constituent: Selenium Analysis Run 6/12/2025 3:36 PM View: Underdrains - Appendix I Metals DMASWA Data: DMASWA Database_Updated

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Box & Whiskers Plot

Constituent: Silver Analysis Run 6/12/2025 3:36 PM View: Underdrains - Appendix I Metals DMASWA Data: DMASWA Database_Updated

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Box & Whiskers Plot

Constituent: Thallium Analysis Run 6/12/2025 3:36 PM View: Underdrains - Appendix I Metals DMASWA Data: DMASWA Database_Updated

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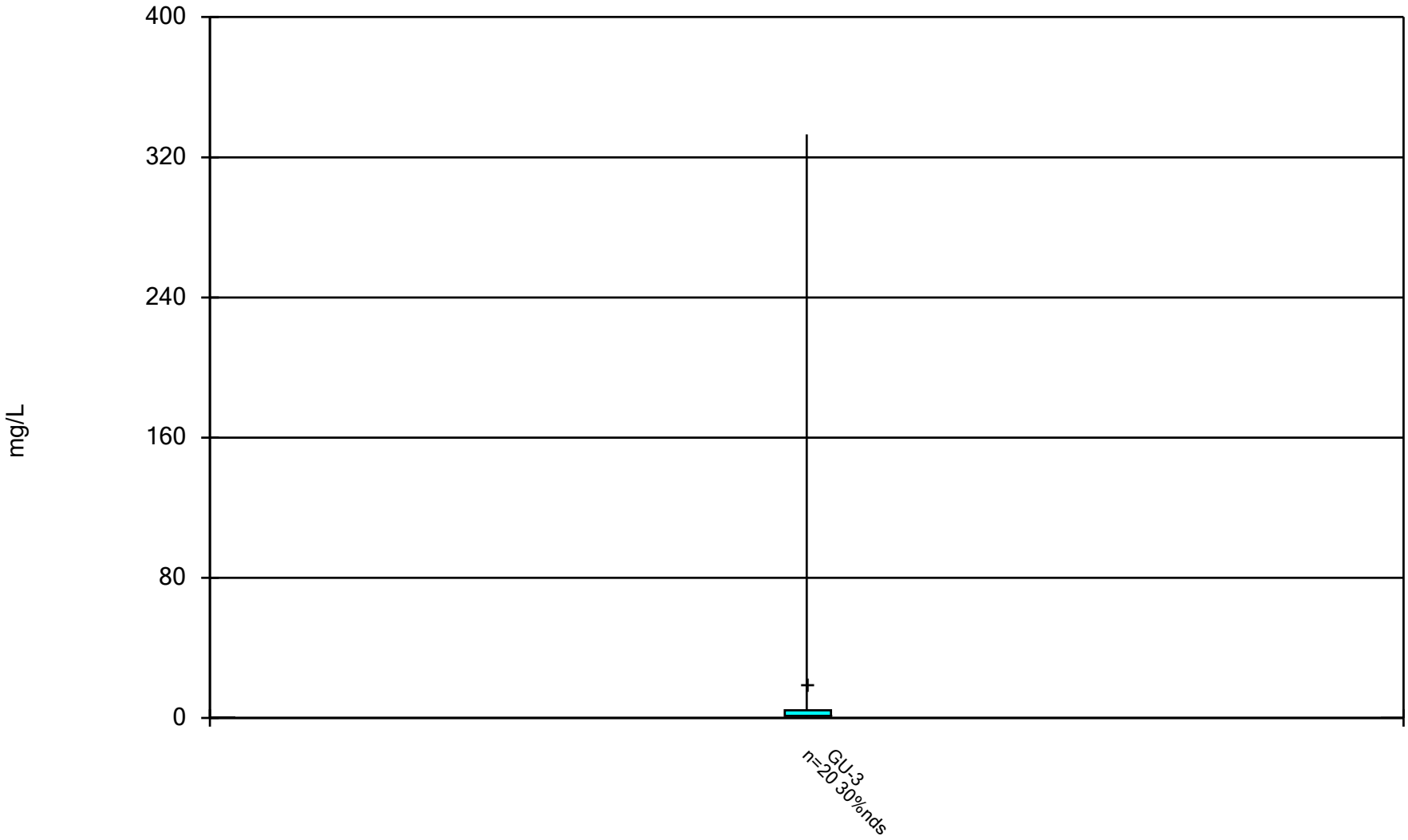
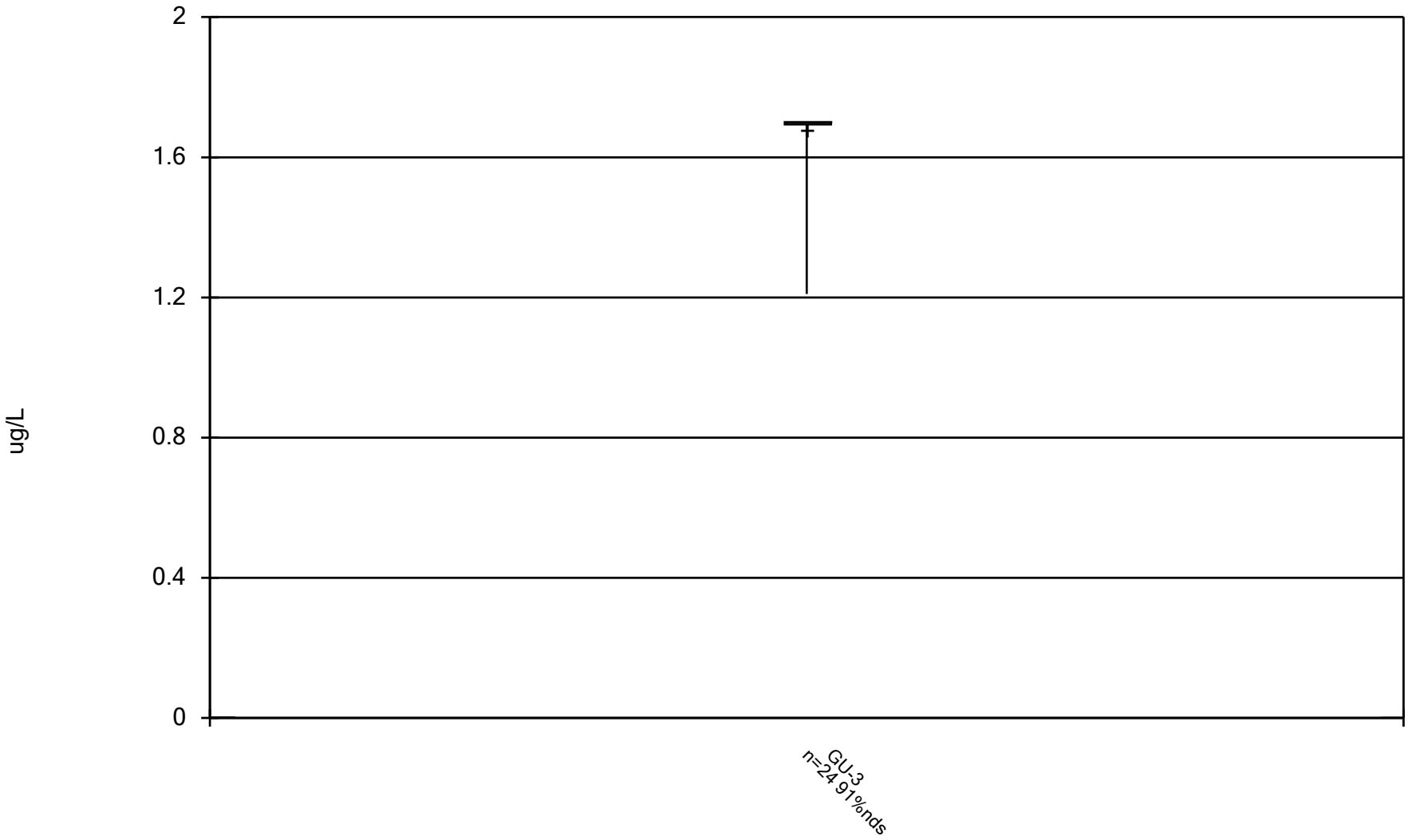
Box & Whiskers Plot



Constituent: Total Suspended Solids Analysis Run 6/12/2025 3:36 PM View: Underdrains - Appendix I Met DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG

Box & Whiskers Plot



Constituent: Vanadium Analysis Run 6/12/2025 3:36 PM View: Underdrains - Appendix I Metals DMASWA Data: DMASWA Database_Updated

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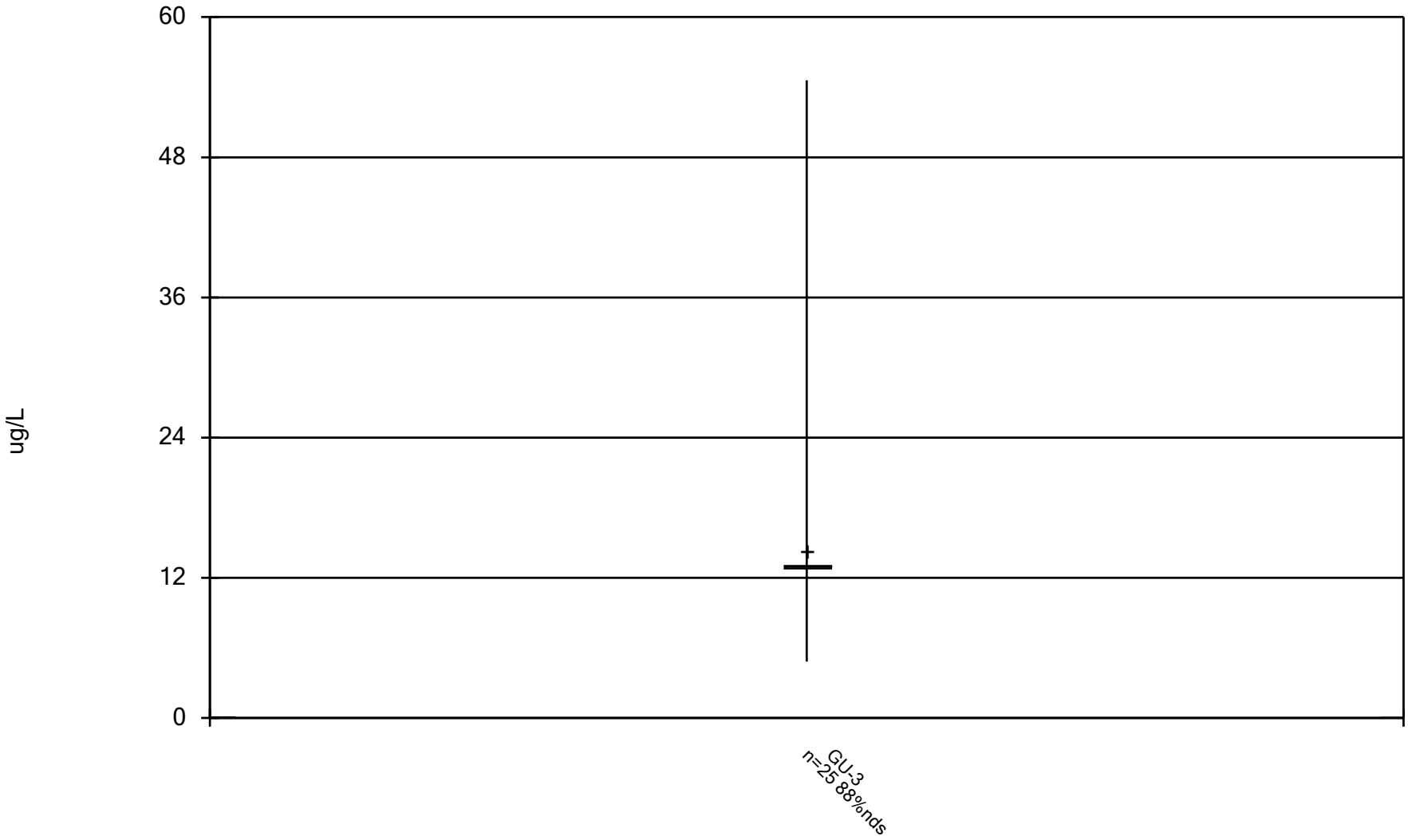
Box & Whiskers Plot



Constituent: Zinc Analysis Run 6/12/2025 3:36 PM View: Underdrains - Appendix I Metals DMASWA Data: DMASWA Database_Updated

Box & Whiskers Plot

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 3:36 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Min.	Max.	%NDs
Antimony (ug/L)	GU-3	24	0.9524	0.1913	0.03904	1	0.08	1	91.67
Arsenic (ug/L)	GU-3	24	0.6337	0.3603	0.07354	0.53	0.494	2.21	83.33
Barium (ug/L)	GU-3	23	101.8	40.14	8.369	89.8	61.9	220	0
Beryllium (ug/L)	GU-3	24	0.3184	0.05675	0.01158	0.33	0.052	0.33	95.83
Cadmium (ug/L)	GU-3	24	0.101	0.005103	0.001042	0.1	0.1	0.125	95.83
Chromium (ug/L)	GU-3	24	2.017	0.9792	0.1999	1.8	0.555	5.67	87.5
Cobalt (ug/L)	GU-3	24	0.4545	0.6902	0.1409	0.177	0.048	3.25	37.5
Copper (ug/L)	GU-3	25	8.049	25.21	5.043	3.2	0.888	129	80
Lead (ug/L)	GU-3	24	0.3348	0.04596	0.009382	0.33	0.241	0.533	91.67
Nickel (ug/L)	GU-3	24	3.24	1.999	0.408	2.3	0.557	8.04	45.83
Selenium (ug/L)	GU-3	24	1.4	0	0	1.4	1.4	1.4	100
Silver (ug/L)	GU-3	24	0.5	0	0	0.5	0.5	0.5	100
Thallium (ug/L)	GU-3	24	0.57	0	0	0.57	0.57	0.57	100
Total Suspended Solids (mg/L)	GU-3	20	19.48	73.89	16.52	1.31	0.75	333	30
Vanadium (ug/L)	GU-3	24	1.676	0.1006	0.02054	1.7	1.21	1.7	91.67
Zinc (ug/L)	GU-3	25	14.4	8.542	1.708	13	4.82	54.6	88

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Groundwater Underdrains – Appendix I Metals

Trend Analysis

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Trend Test

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 3:38 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Antimony (ug/L)	GU-3	0	35	95	No	24	91.67	n/a	n/a	0.02	NP
Arsenic (ug/L)	GU-3	0	-40	-95	No	24	83.33	n/a	n/a	0.02	NP
Barium (ug/L)	GU-3	3.37	77	89	No	23	0	n/a	n/a	0.02	NP
Beryllium (ug/L)	GU-3	0	13	95	No	24	95.83	n/a	n/a	0.02	NP
Cadmium (ug/L)	GU-3	0	-19	-95	No	24	95.83	n/a	n/a	0.02	NP
Chromium (ug/L)	GU-3	0	-22	-95	No	24	87.5	n/a	n/a	0.02	NP
Cobalt (ug/L)	GU-3	0	-22	-95	No	24	37.5	n/a	n/a	0.02	NP
Copper (ug/L)	GU-3	0	6	101	No	25	80	n/a	n/a	0.02	NP
Lead (ug/L)	GU-3	0	7	95	No	24	91.67	n/a	n/a	0.02	NP
Nickel (ug/L)	GU-3	0	-19	-95	No	24	45.83	n/a	n/a	0.02	NP
Selenium (ug/L)	GU-3	0	0	95	No	24	100	n/a	n/a	0.02	NP
Silver (ug/L)	GU-3	0	0	95	No	24	100	n/a	n/a	0.02	NP
Thallium (ug/L)	GU-3	0	0	95	No	24	100	n/a	n/a	0.02	NP
Total Suspended Solids (mg/L)	GU-3	-0.04742	-38	-73	No	20	30	n/a	n/a	0.02	NP
Vanadium (ug/L)	GU-3	0	1	95	No	24	91.67	n/a	n/a	0.02	NP
Zinc (ug/L)	GU-3	0	-9	-101	No	25	88	n/a	n/a	0.02	NP

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Groundwater Underdrains – Appendix I Metals

Intrawell Prediction Limits

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Prediction Limit

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 3:40 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Wells	%NDs	Transform	Alpha	Method
Antimony (ug/L)	GU-3	1.00	n/a	4/15/2025	1ND	No	23	n/a	91.3	n/a	0.003415	NP Intra (NDs) 1 of 2
Arsenic (ug/L)	GU-3	2.21	n/a	4/15/2025	0.53ND	No	23	n/a	82.61	n/a	0.003415	NP Intra (NDs) 1 of 2
Barium (ug/L)	GU-3	216	n/a	4/15/2025	110	No	22	n/a	0	ln(x)	0.0005016	Param Intra 1 of 2
Beryllium (ug/L)	GU-3	0.330	n/a	4/15/2025	0.33ND	No	23	n/a	95.65	n/a	0.003415	NP Intra (NDs) 1 of 2
Cadmium (ug/L)	GU-3	0.125	n/a	4/15/2025	0.1ND	No	23	n/a	95.65	n/a	0.003415	NP Intra (NDs) 1 of 2
Chromium (ug/L)	GU-3	5.67	n/a	4/15/2025	1.8ND	No	23	n/a	86.96	n/a	0.003415	NP Intra (NDs) 1 of 2
Cobalt (ug/L)	GU-3	3.36	n/a	4/15/2025	0.184J	No	23	n/a	39.13	ln(x)	0.0005016	Param Intra 1 of 2
Copper (ug/L)	GU-3	129	n/a	4/15/2025	3.2ND	No	24	n/a	79.17	n/a	0.003124	NP Intra (NDs) 1 of 2
Lead (ug/L)	GU-3	0.533	n/a	4/15/2025	0.33ND	No	23	n/a	91.3	n/a	0.003415	NP Intra (NDs) 1 of 2
Nickel (ug/L)	GU-3	9.46	n/a	4/15/2025	2.3ND	No	23	n/a	43.48	sqrt(x)	0.0005016	Param Intra 1 of 2
Selenium (ug/L)	GU-3	1.40	n/a	4/15/2025	1.4ND	No	23	n/a	100	n/a	0.003415	NP Intra (NDs) 1 of 2
Silver (ug/L)	GU-3	0.500	n/a	4/15/2025	0.5ND	No	23	n/a	100	n/a	0.003415	NP Intra (NDs) 1 of 2
Thallium (ug/L)	GU-3	0.570	n/a	4/15/2025	0.57ND	No	23	n/a	100	n/a	0.003415	NP Intra (NDs) 1 of 2
Total Suspended Solids (mg/L)	GU-3	333	n/a	4/15/2025	1.31ND	No	19	n/a	26.32	n/a	0.004832	NP Intra (normality) ...
Vanadium (ug/L)	GU-3	1.70	n/a	4/15/2025	1.7ND	No	23	n/a	91.3	n/a	0.003415	NP Intra (NDs) 1 of 2
Zinc (ug/L)	GU-3	54.6	n/a	4/15/2025	13ND	No	24	n/a	87.5	n/a	0.003124	NP Intra (NDs) 1 of 2

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Groundwater Underdrains – Appendix I VOCs

Outlier Analysis

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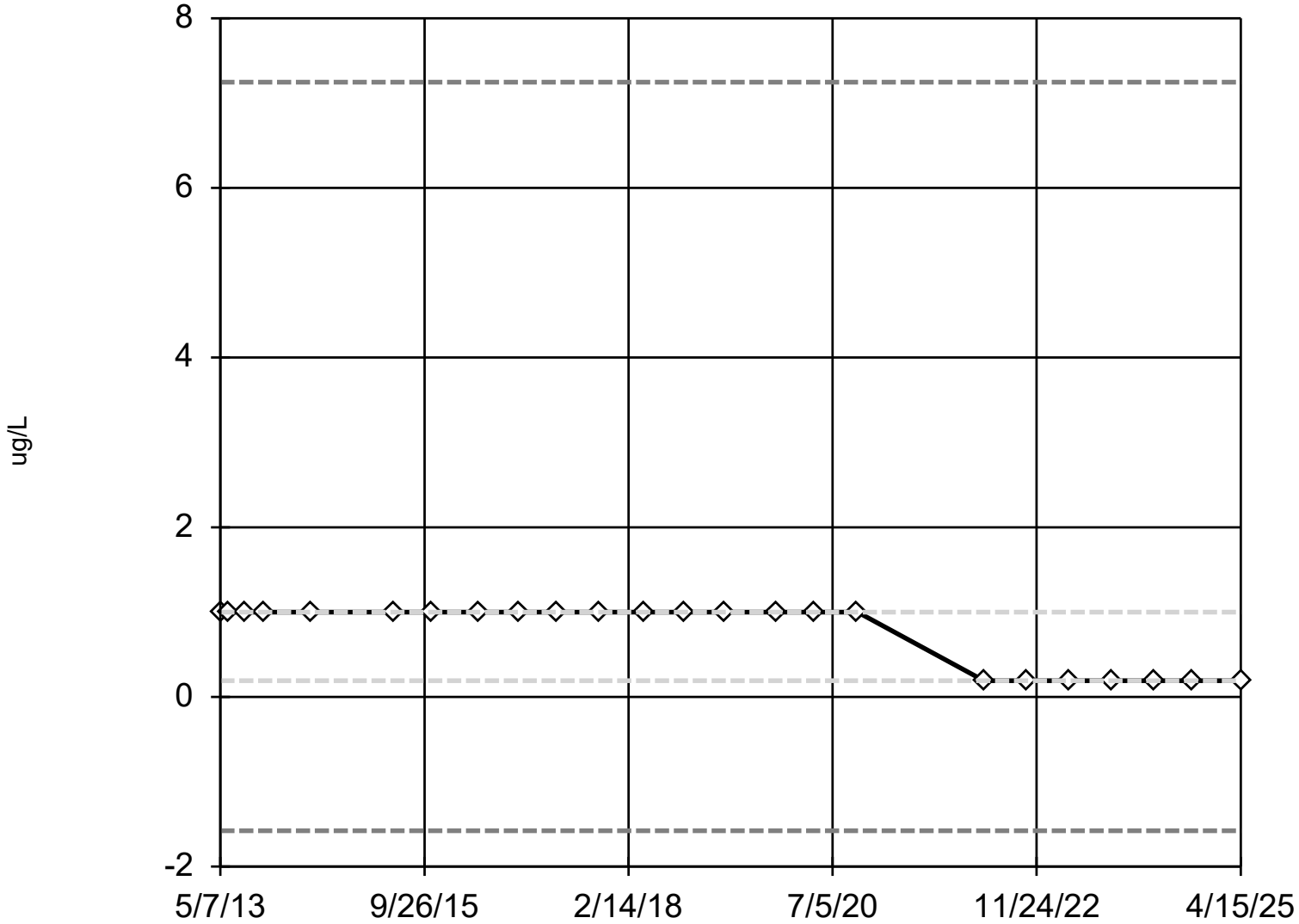
Tukey's Outlier Screening

GU-3



n = 24

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because both the lower and upper quartiles represent reporting limits.

Constituent: 1,1,1-Trichloroethane Analysis Run 6/12/2025 3:44 PM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

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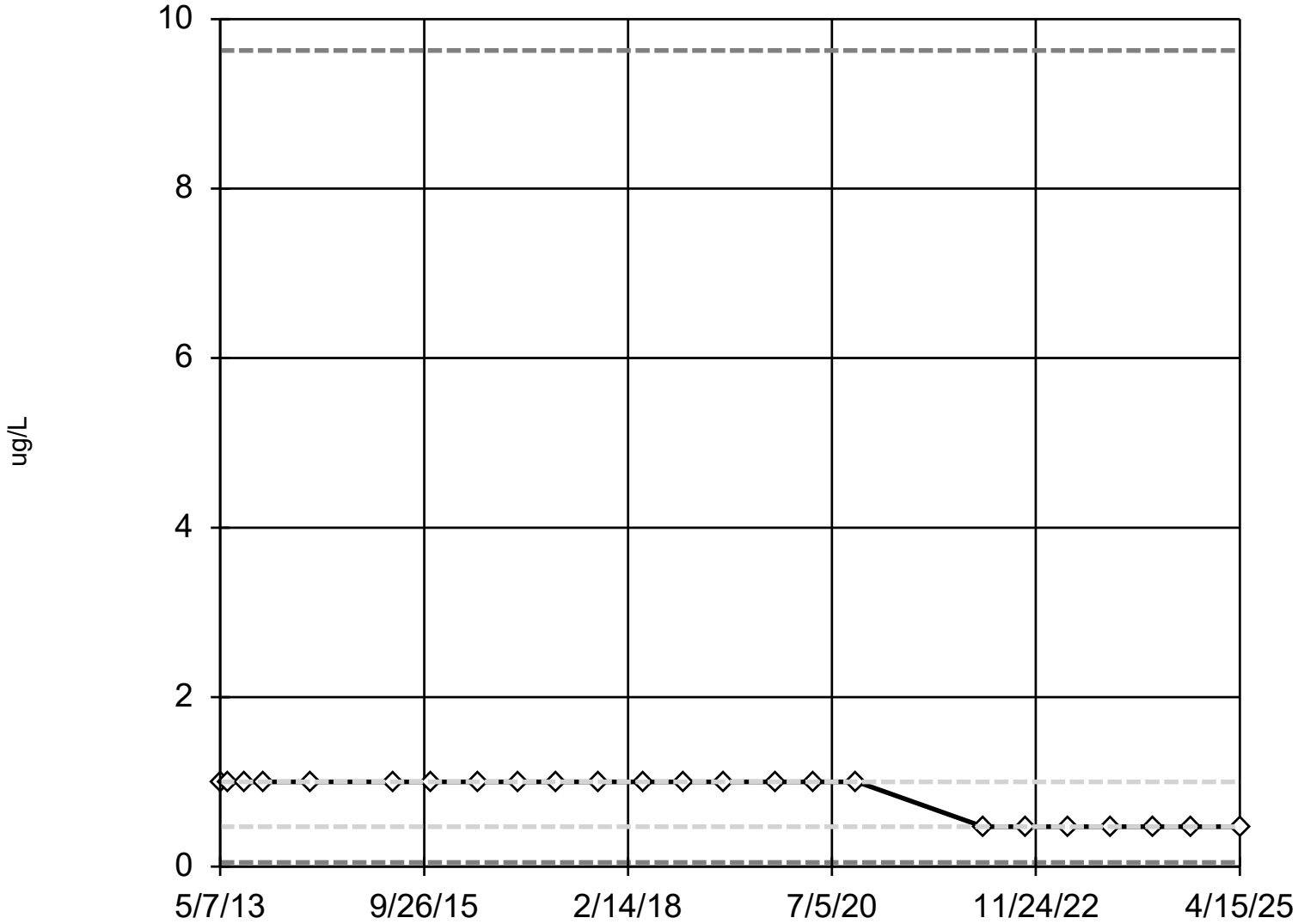
Tukey's Outlier Screening

GU-3



n = 24

No outliers found. Tukey's method selected by user.

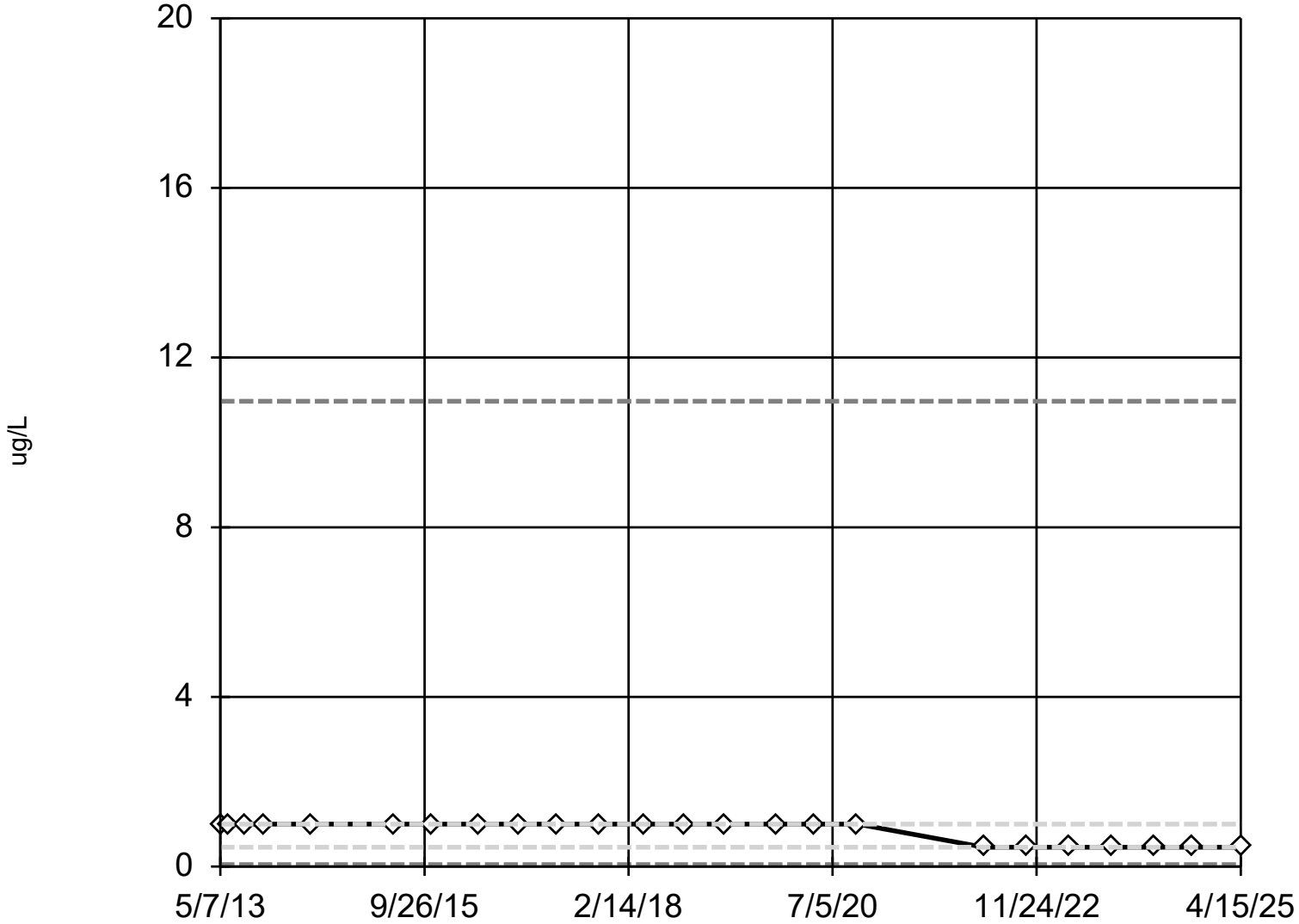
Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because both the lower and upper quartiles represent reporting limits.

Constituent: 1,1,2,2-Tetrachloroethane Analysis Run 6/12/2025 3:44 PM View: Underdrains_Appendix I V DMASWA Data: DMASWA Database_Updated

Tukey's Outlier Screening

GU-3



n = 24

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

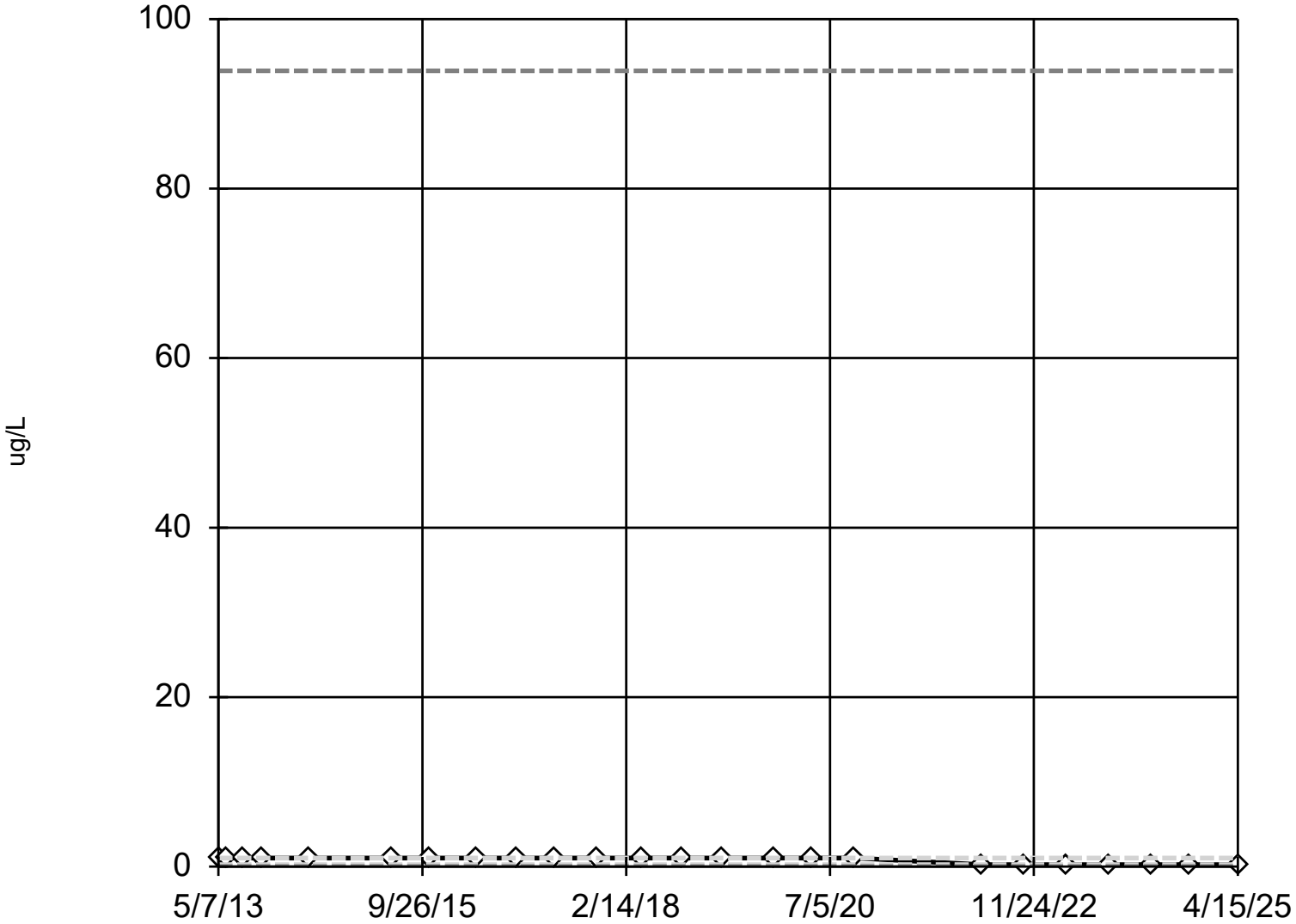
The results were invalidated, because both the lower and upper quartiles represent reporting limits.

Constituent: 1,1,2-Trichloroethane Analysis Run 6/12/2025 3:44 PM View: Underdrains_Appendix I VOCs

DMASWA Data: DMASWA Database_Updated

Tukey's Outlier Screening

GU-3



n = 24

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because both the lower and upper quartiles represent reporting limits.

Constituent: 1,1-Dichloroethane Analysis Run 6/12/2025 3:44 PM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

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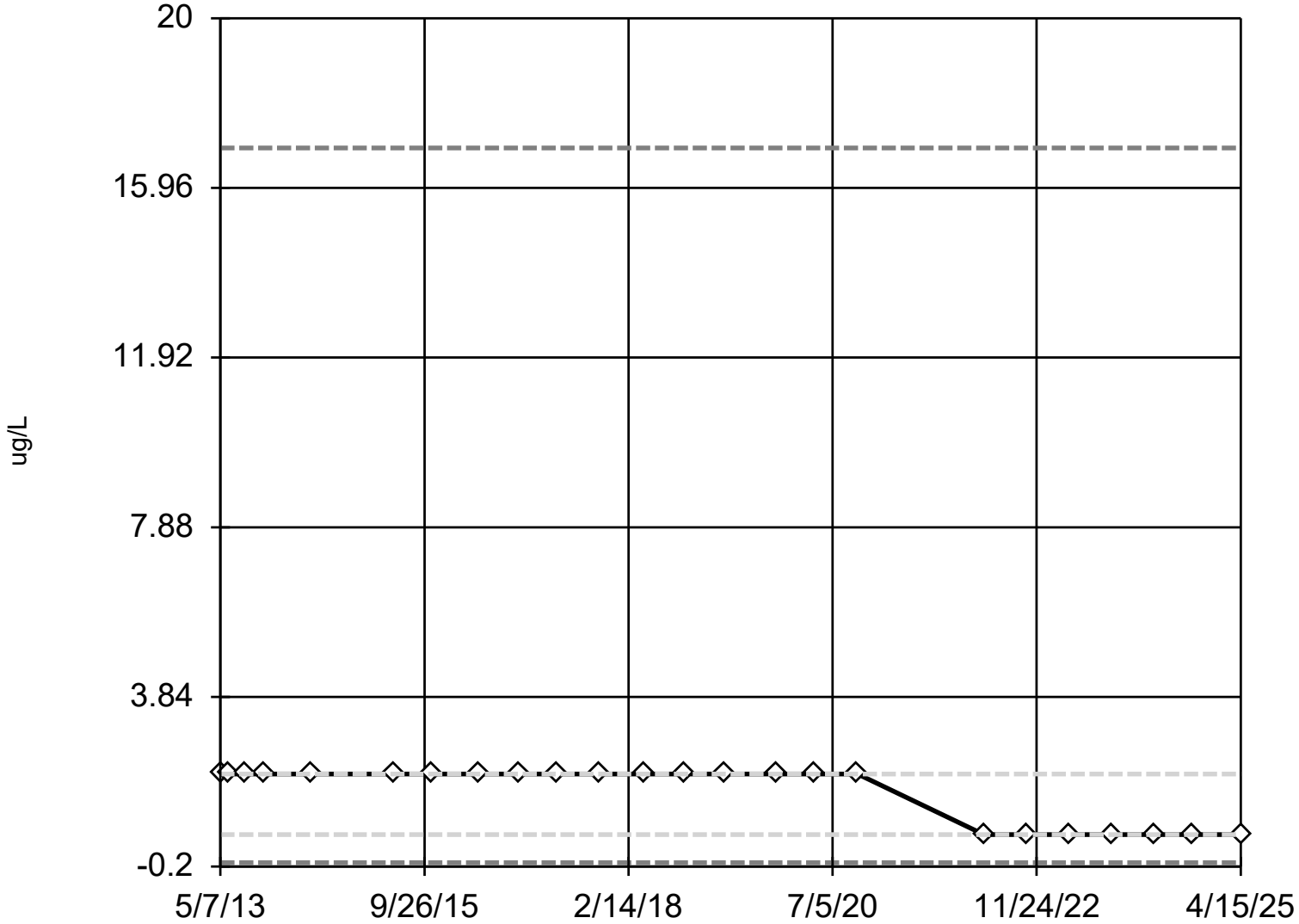
Tukey's Outlier Screening

GU-3



n = 24

No outliers found. Tukey's method selected by user.

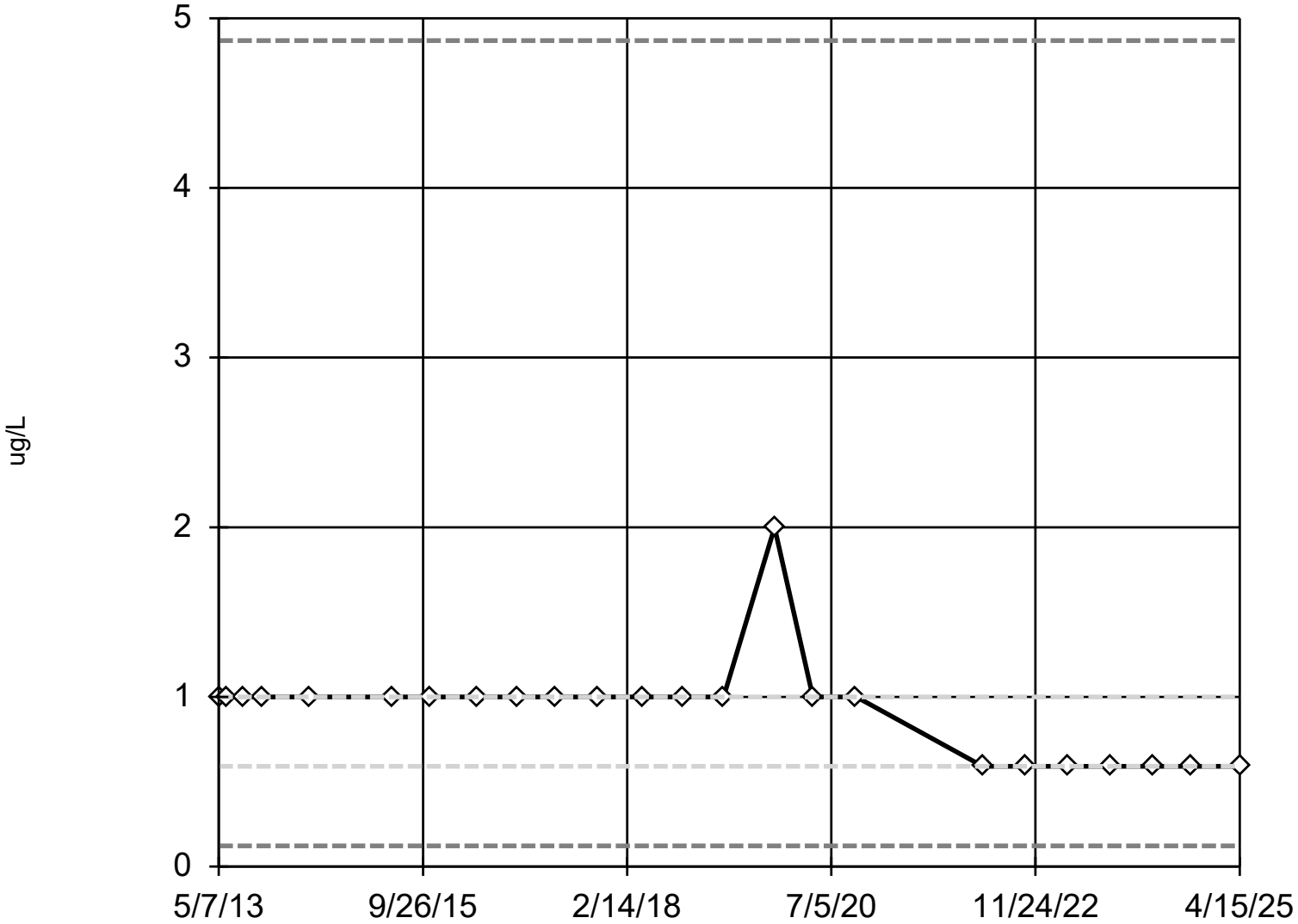
Data were cube root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because both the lower and upper quartiles represent reporting limits.

Constituent: 1,1-Dichloroethene Analysis Run 6/12/2025 3:44 PM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

Tukey's Outlier Screening

GU-3



n = 24

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because both the lower and upper quartiles represent reporting limits.

Constituent: 1,2,3-Trichloropropane Analysis Run 6/12/2025 3:44 PM View: Underdrains_Appendix I VOC DMASWA Data: DMASWA Database_Updated

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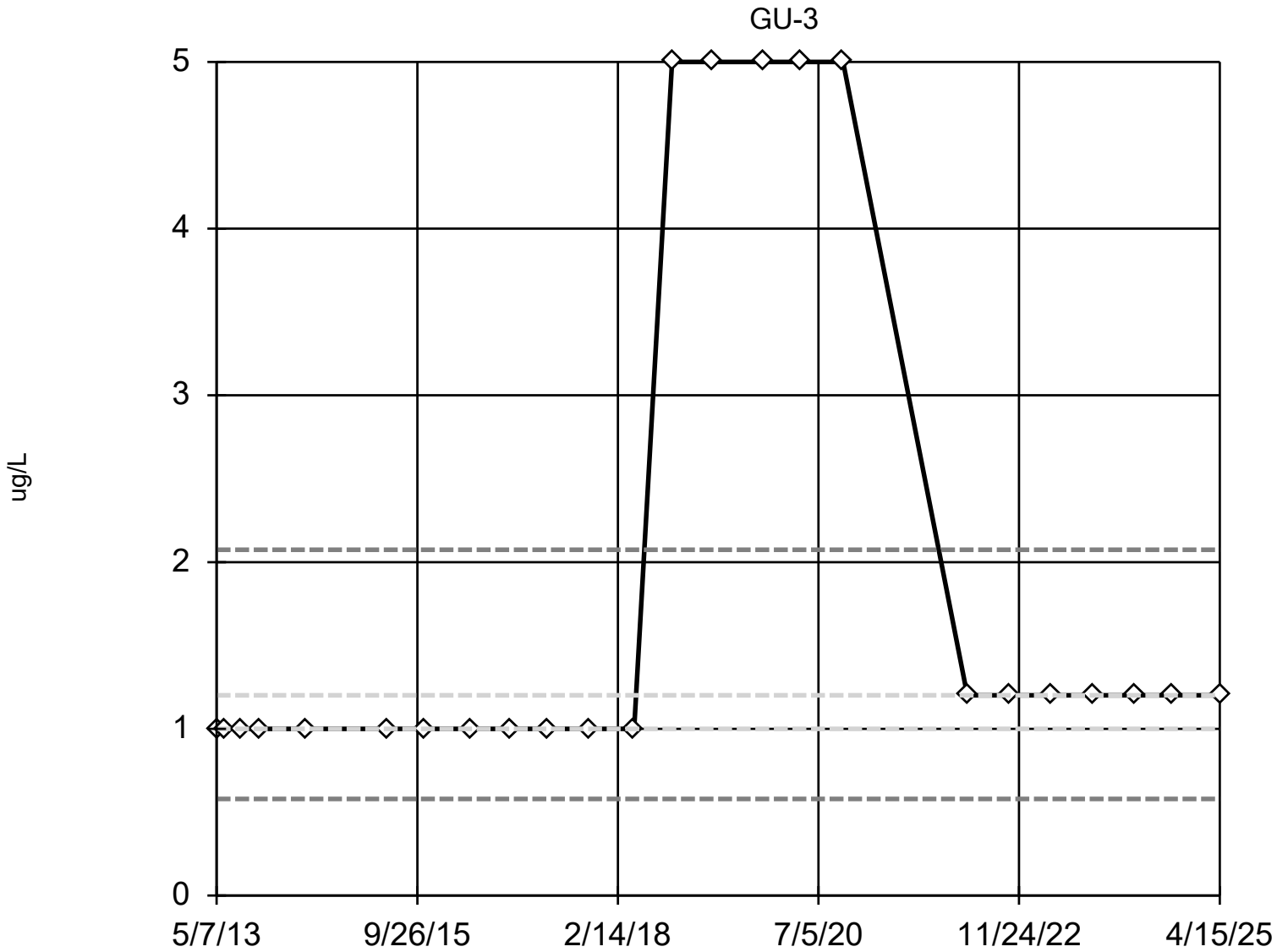
Tukey's Outlier Screening



n = 24

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because both the lower and upper quartiles represent reporting limits.

Constituent: 1,2-Dibromo-3-chloropropane Analysis Run 6/12/2025 3:44 PM View: Underdrains_Appendix DMASWA Data: DMASWA Database_Updated

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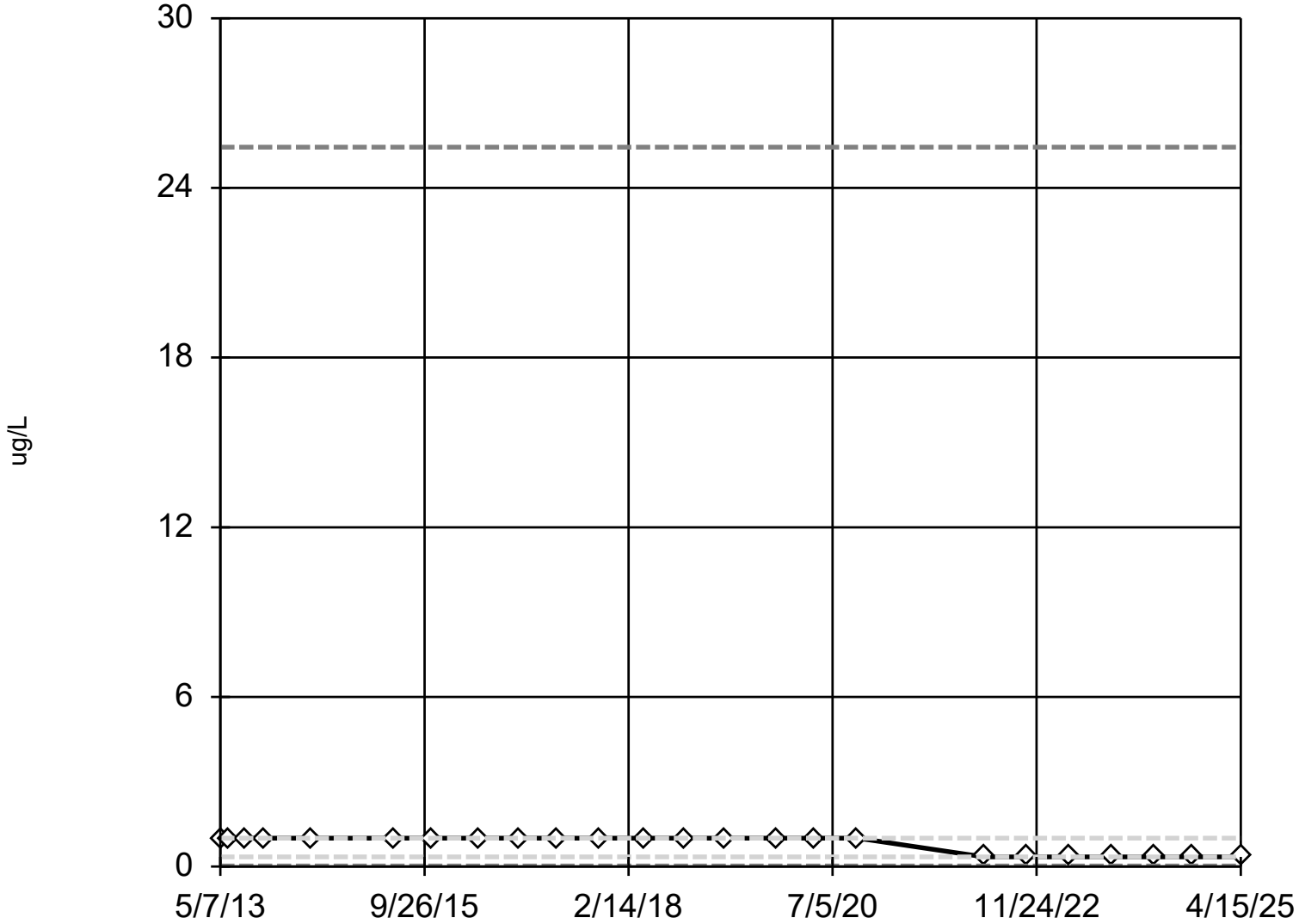
Tukey's Outlier Screening

GU-3



n = 24

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because both the lower and upper quartiles represent reporting limits.

Constituent: 1,2-Dibromoethane [EDB] Analysis Run 6/12/2025 3:44 PM View: Underdrains_Appendix I V DMASWA Data: DMASWA Database_Updated

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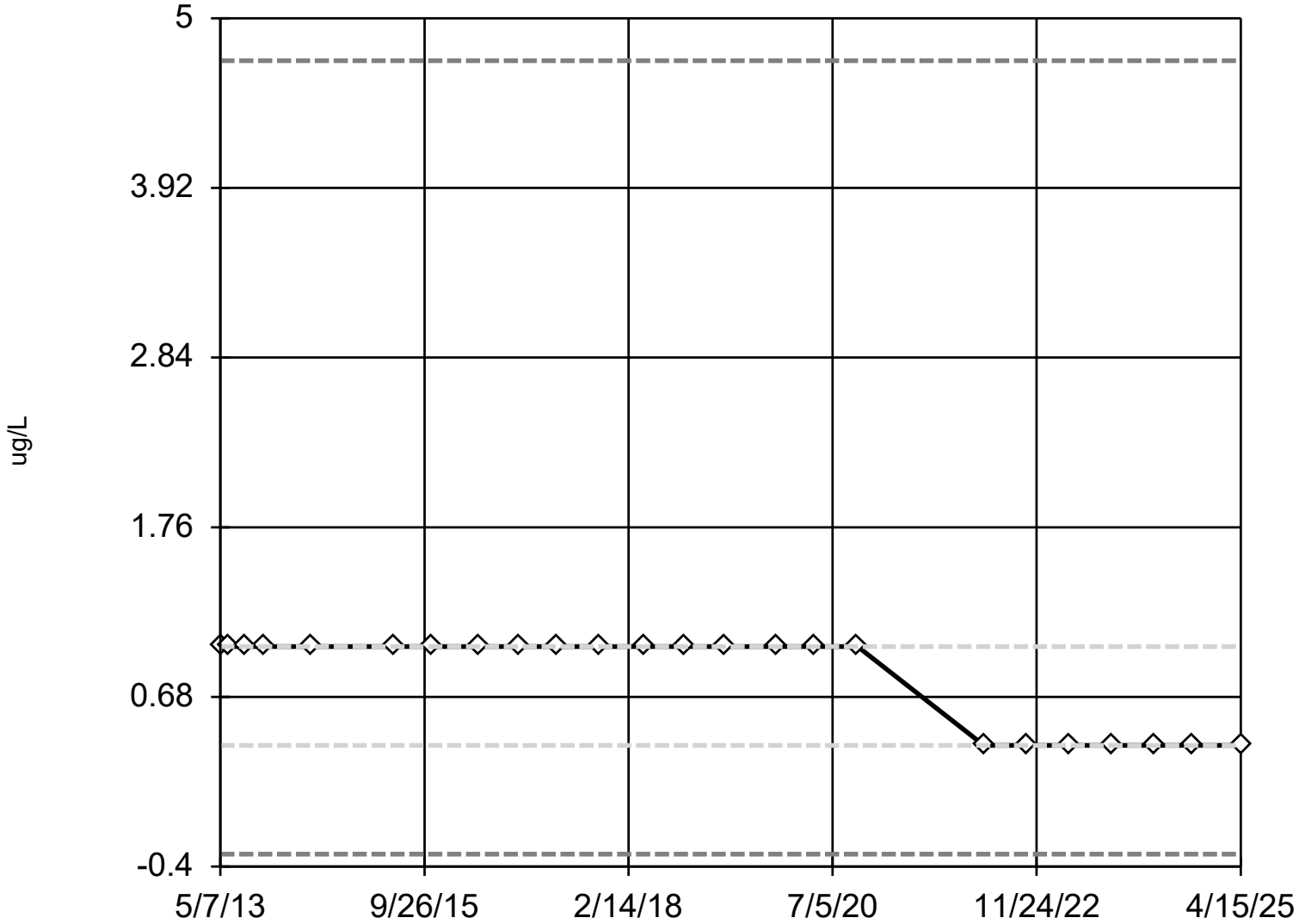
Tukey's Outlier Screening

GU-3



n = 24

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because both the lower and upper quartiles represent reporting limits.

Constituent: 1,2-Dichlorobenzene Analysis Run 6/12/2025 3:44 PM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

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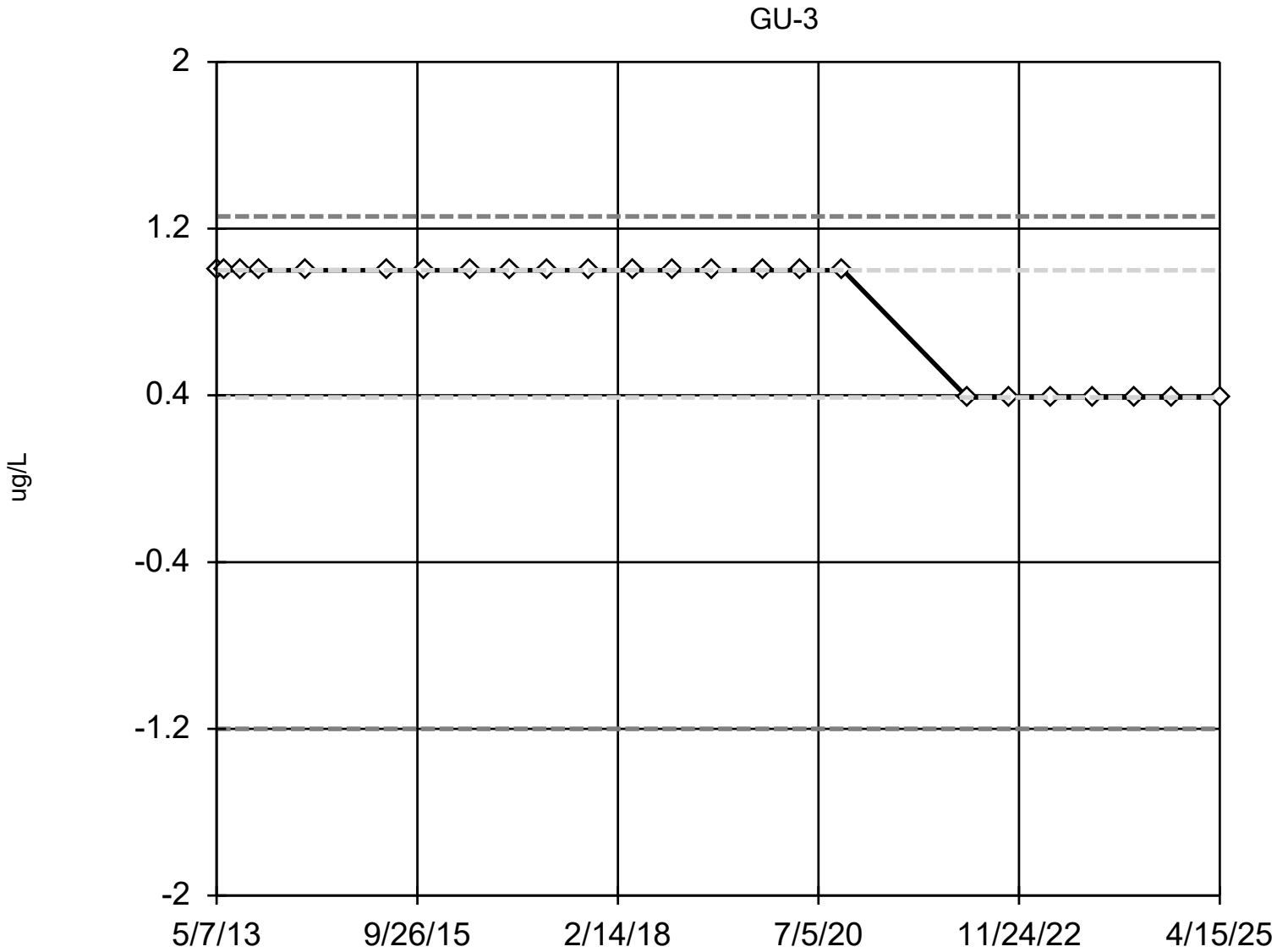
Tukey's Outlier Screening



n = 24

No outliers found. Tukey's method selected by user.

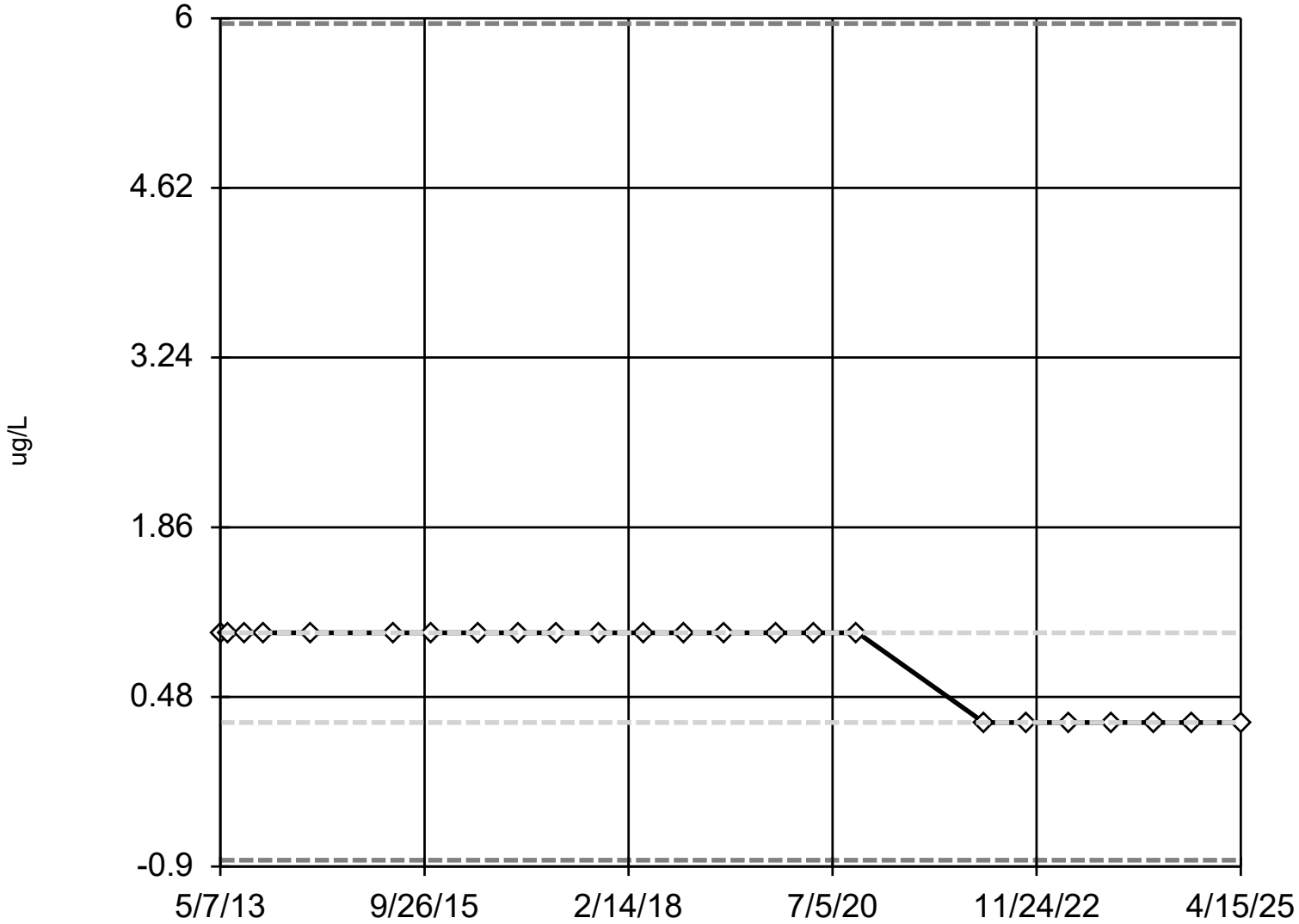
Data were x^6 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because both the lower and upper quartiles represent reporting limits.

Constituent: 1,2-Dichloroethane Analysis Run 6/12/2025 3:44 PM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

Tukey's Outlier Screening

GU-3



n = 24

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because both the lower and upper quartiles represent reporting limits.

Constituent: 1,2-Dichloropropane Analysis Run 6/12/2025 3:44 PM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

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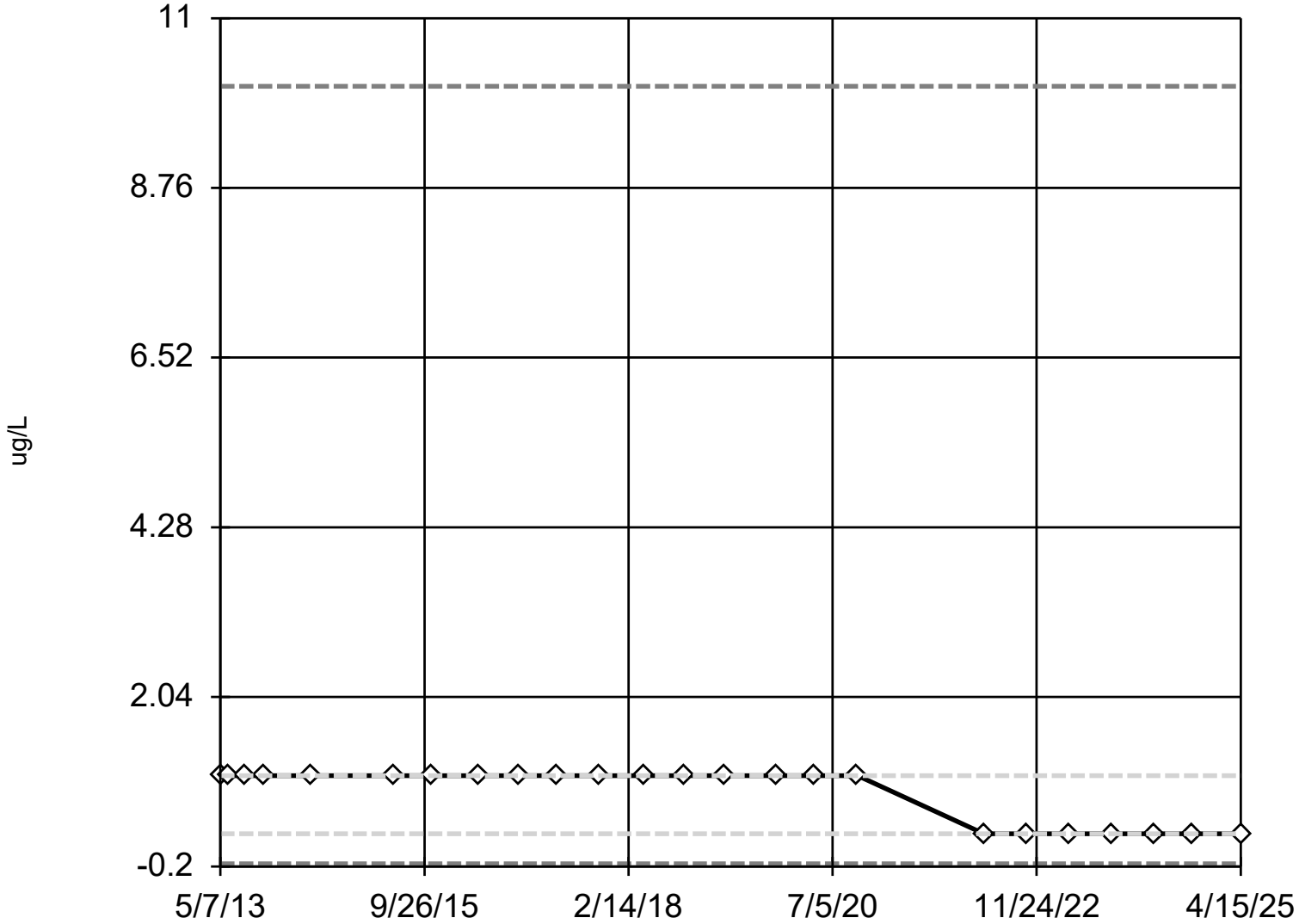
Tukey's Outlier Screening

GU-3



n = 24

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because both the lower and upper quartiles represent reporting limits.

Constituent: 1,4-Dichlorobenzene Analysis Run 6/12/2025 3:44 PM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

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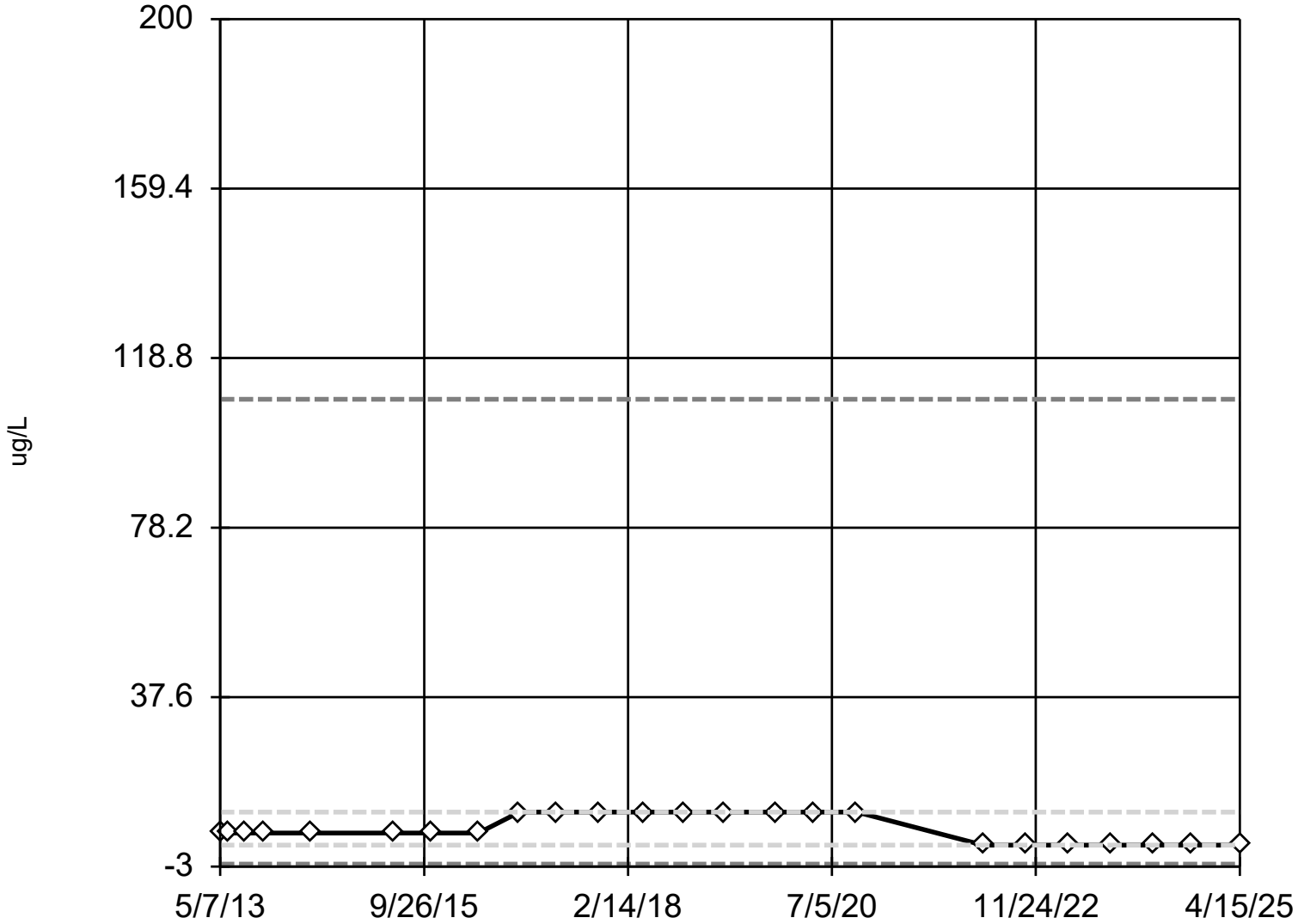
Tukey's Outlier Screening

GU-3



n = 24

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because both the lower and upper quartiles represent reporting limits.

Constituent: 2-Butanone [MEK] Analysis Run 6/12/2025 3:44 PM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

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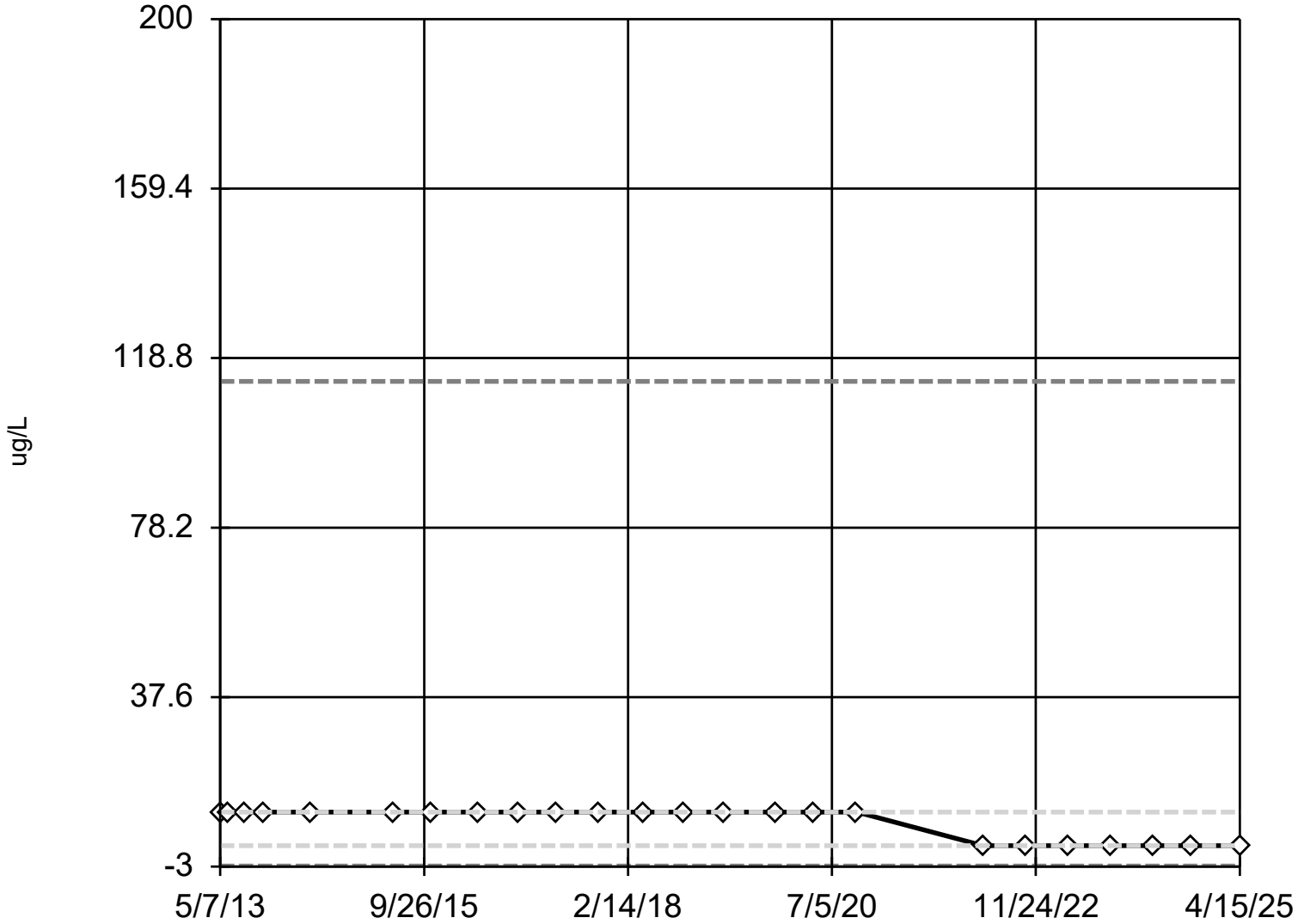
Tukey's Outlier Screening

GU-3



n = 24

No outliers found. Tukey's method selected by user.

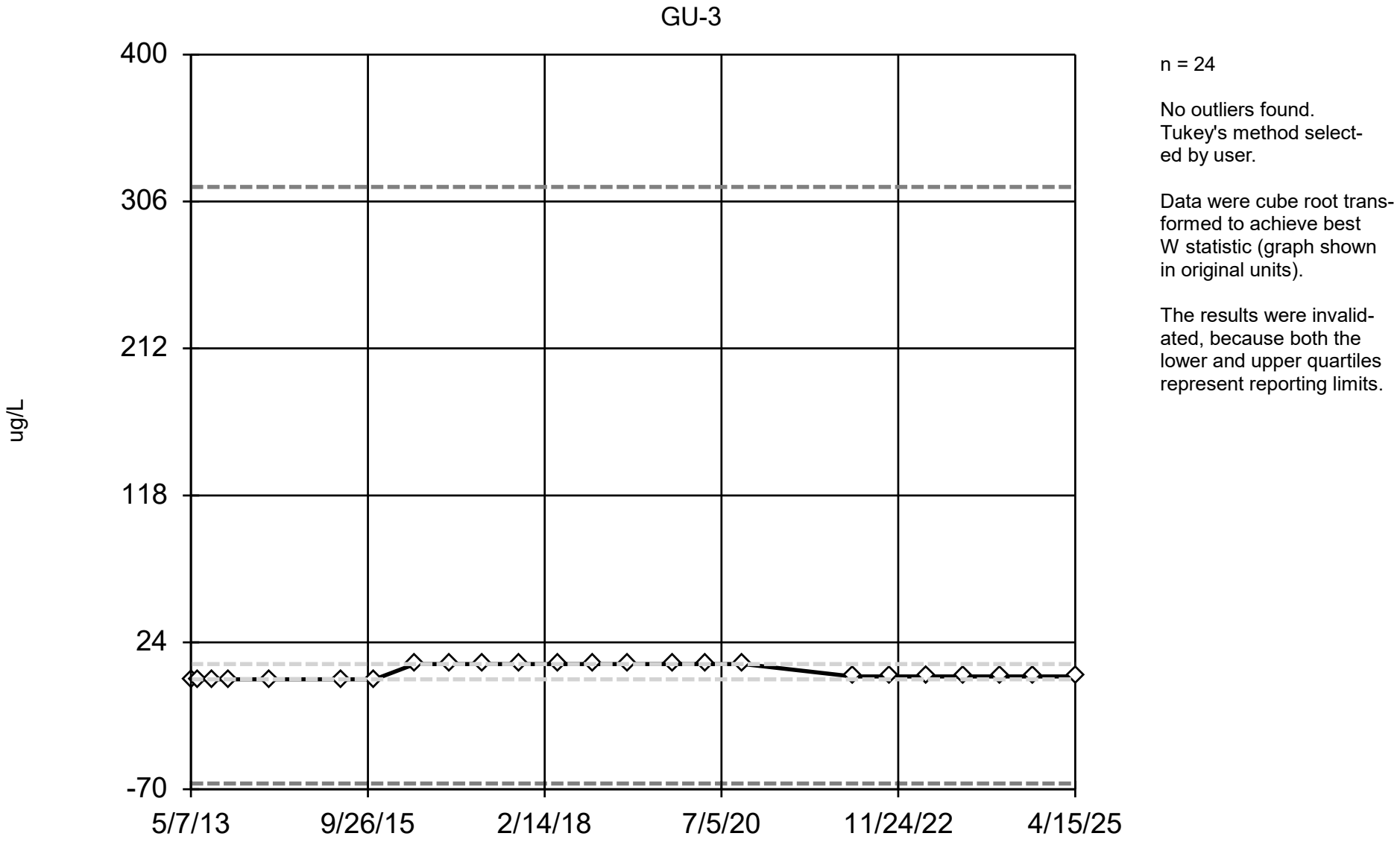
Data were cube root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because both the lower and upper quartiles represent reporting limits.

Constituent: 2-Hexanone Analysis Run 6/12/2025 3:44 PM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG

Tukey's Outlier Screening



n = 24

No outliers found. Tukey's method selected by user.

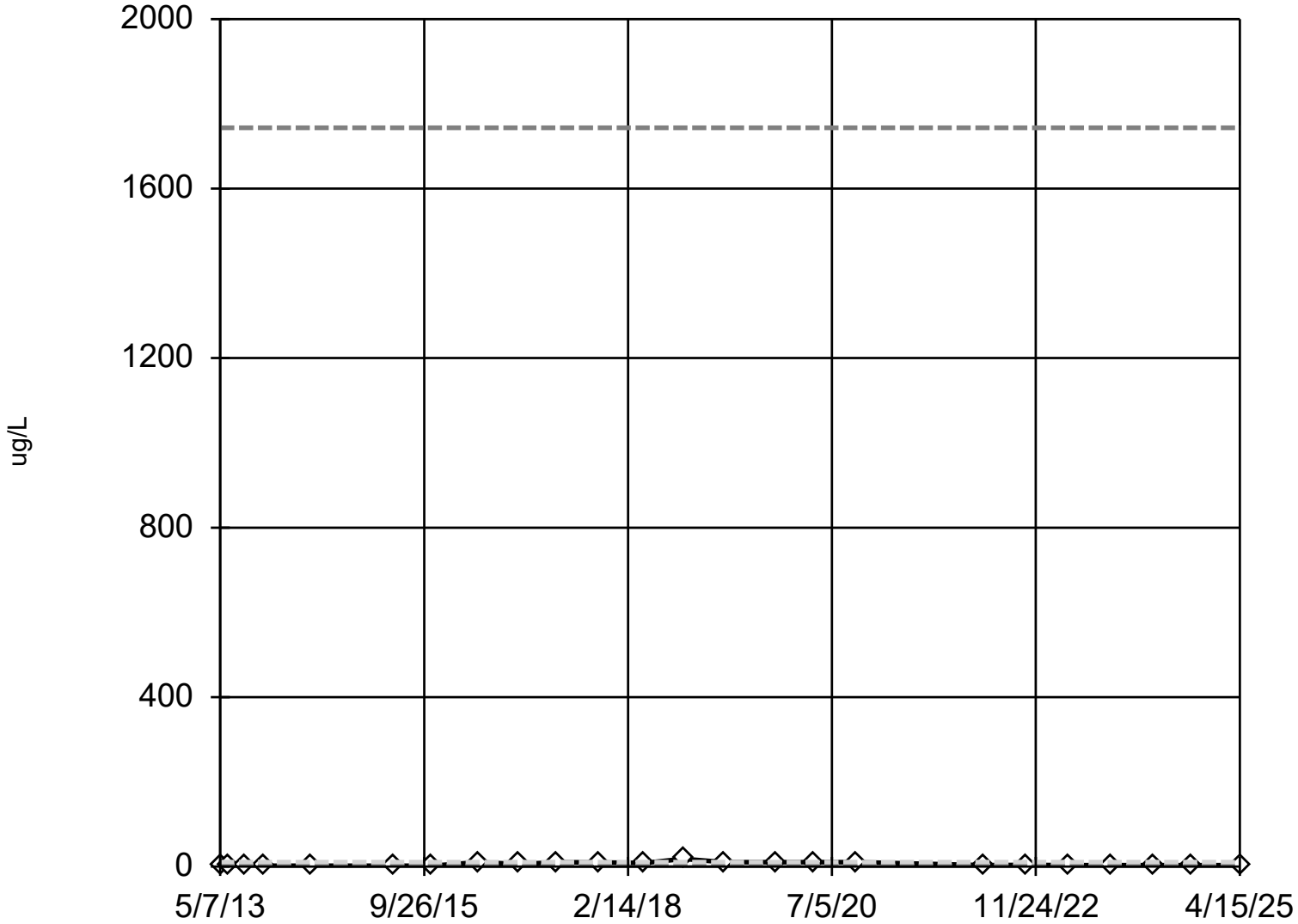
Data were cube root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because both the lower and upper quartiles represent reporting limits.

Constituent: 4-Methyl-2-pentanone Analysis Run 6/12/2025 3:44 PM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

Tukey's Outlier Screening

GU-3



n = 24

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because both the lower and upper quartiles represent reporting limits.

Constituent: Acetone Analysis Run 6/12/2025 3:44 PM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

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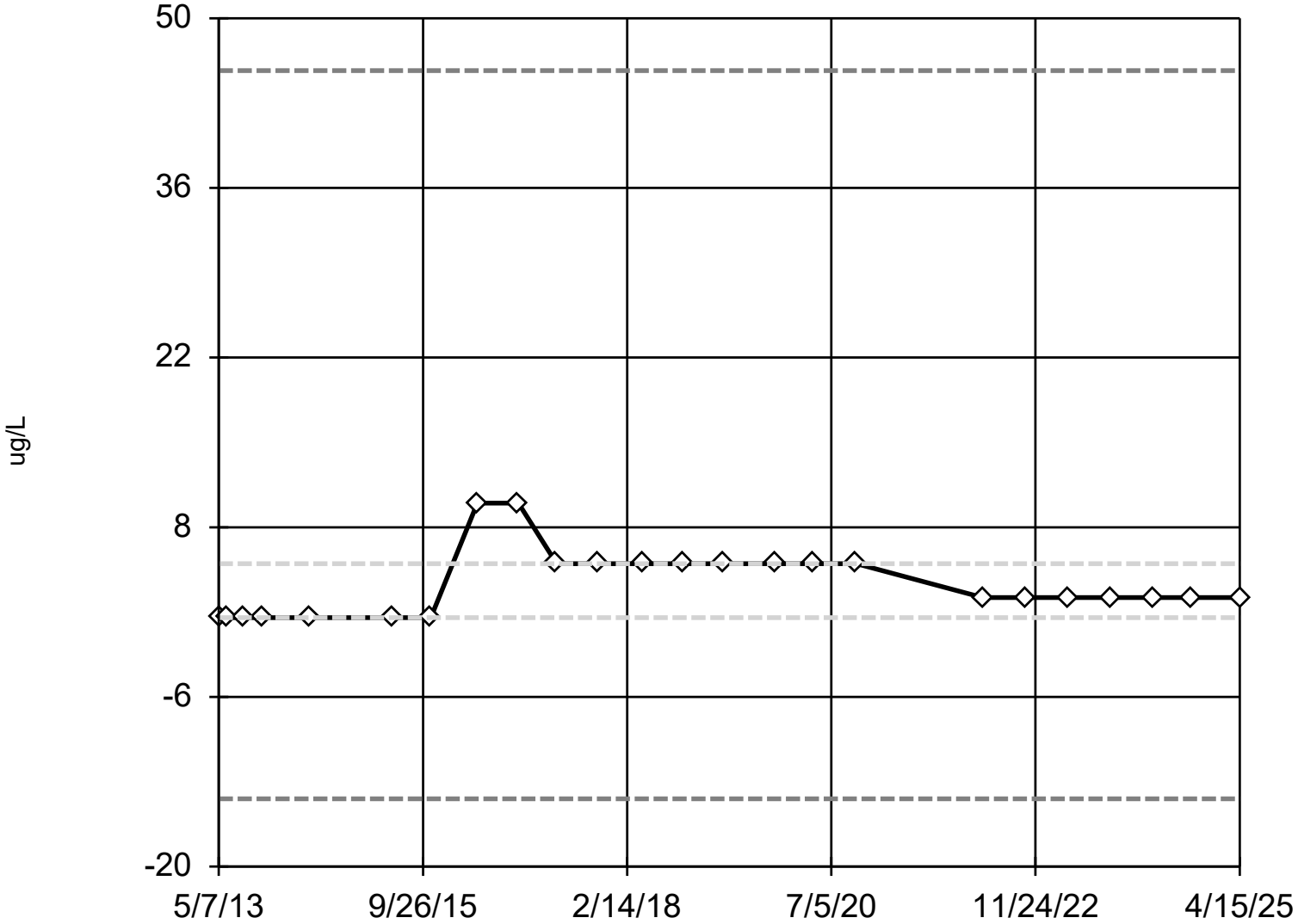
Tukey's Outlier Screening

GU-3



n = 24

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

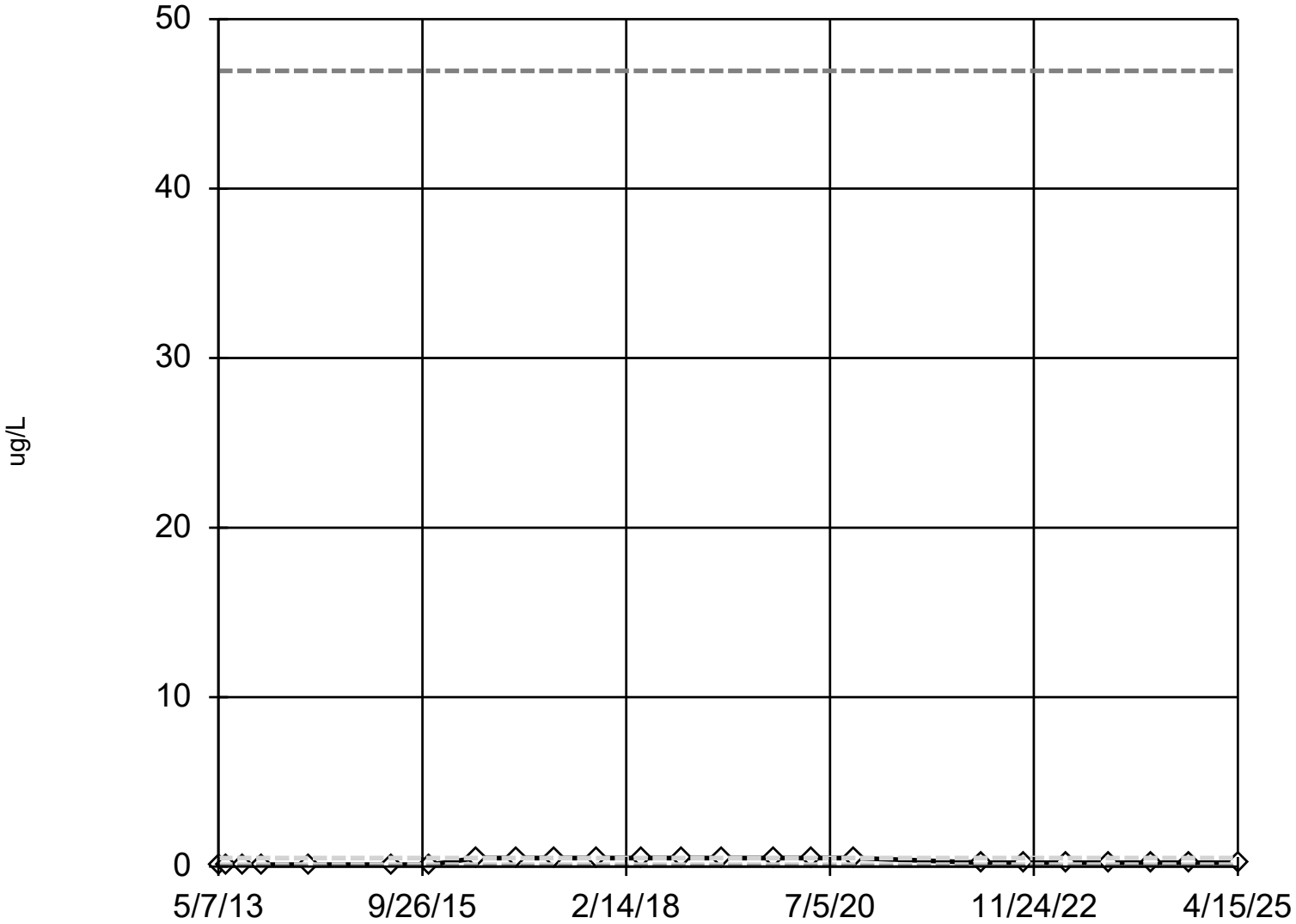
The results were invalidated, because both the lower and upper quartiles represent reporting limits.

Constituent: Acrylonitrile Analysis Run 6/12/2025 3:44 PM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG

Tukey's Outlier Screening

GU-3



n = 24

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

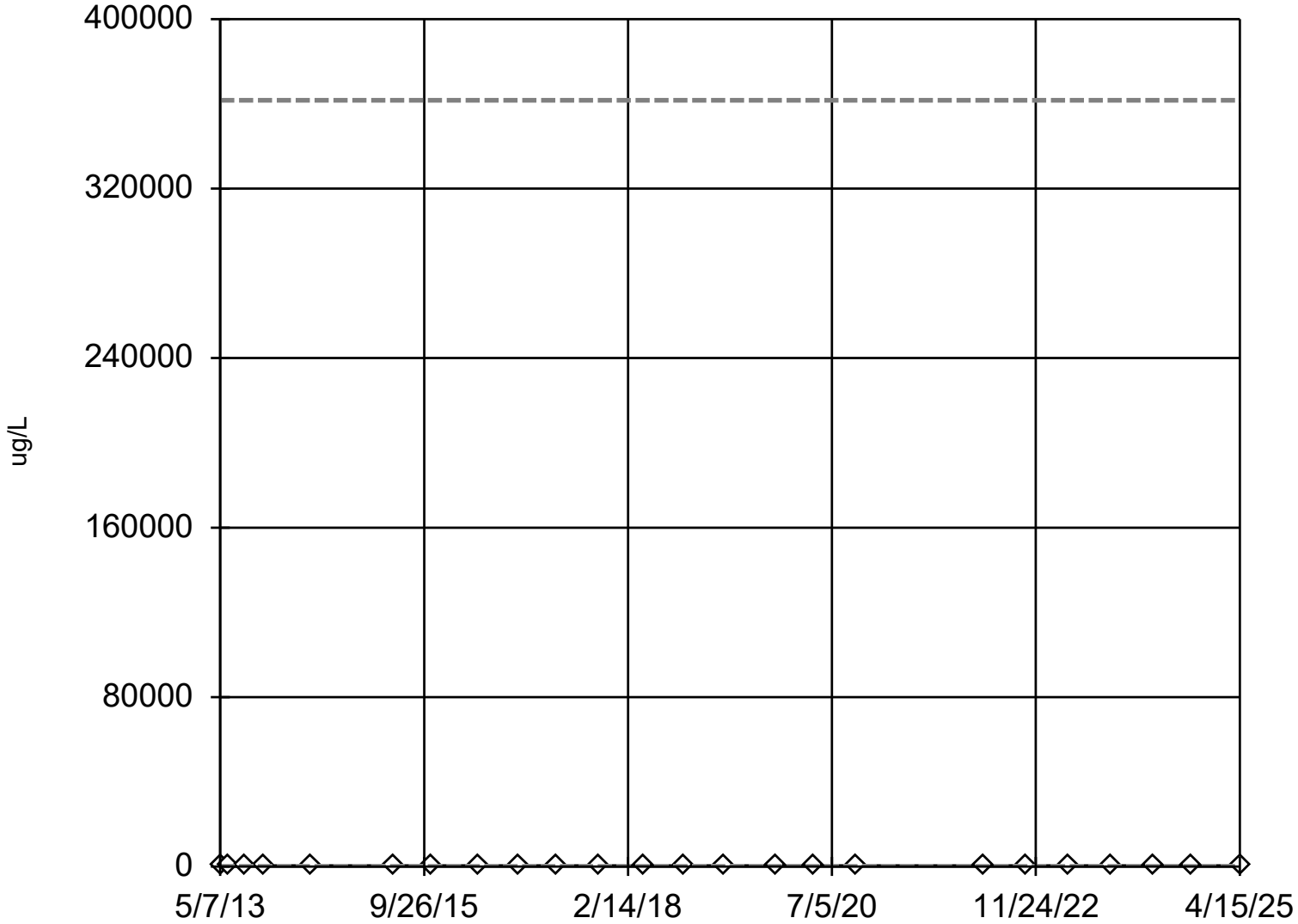
The results were invalidated, because both the lower and upper quartiles represent reporting limits.

Constituent: Benzene Analysis Run 6/12/2025 3:44 PM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG

Tukey's Outlier Screening

GU-3



n = 24

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because both the lower and upper quartiles represent reporting limits.

Constituent: Bromochloromethane Analysis Run 6/12/2025 3:44 PM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

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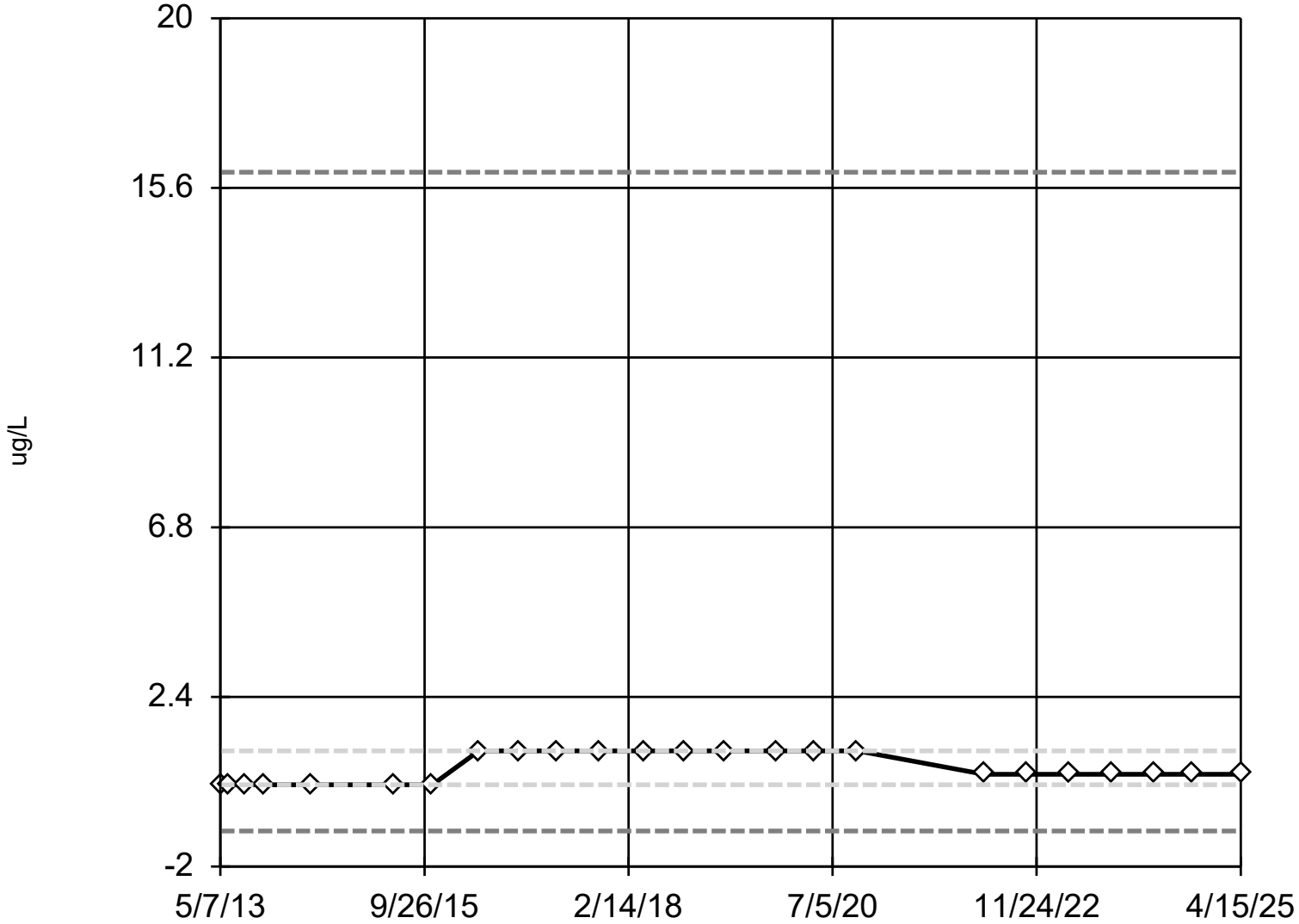
Tukey's Outlier Screening

GU-3



n = 24

No outliers found. Tukey's method selected by user.

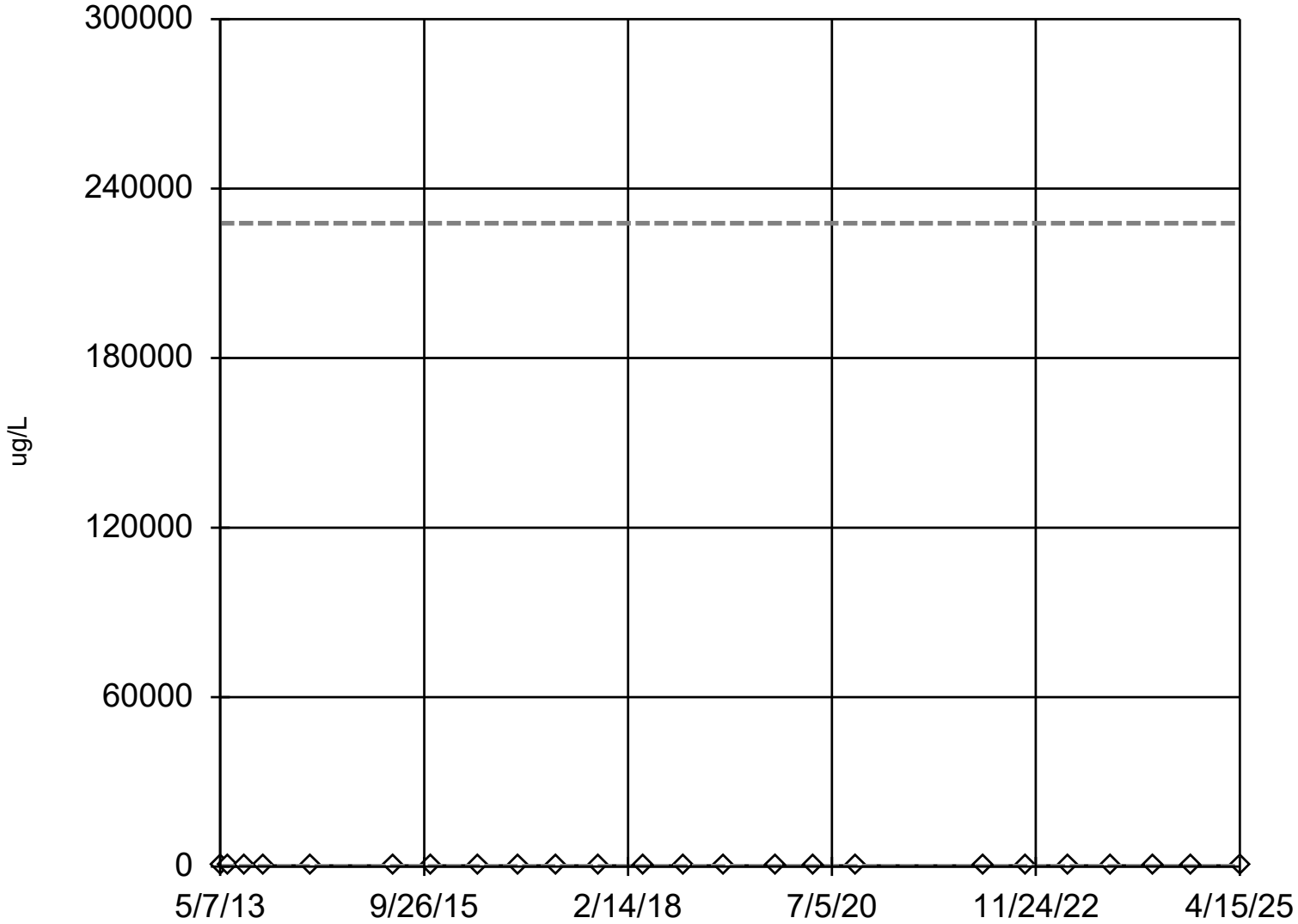
Data were cube root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because both the lower and upper quartiles represent reporting limits.

Constituent: Bromodichloromethane Analysis Run 6/12/2025 3:44 PM View: Underdrains_Appendix I VOC DMASWA Data: DMASWA Database_Updated

Tukey's Outlier Screening

GU-3



n = 24

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

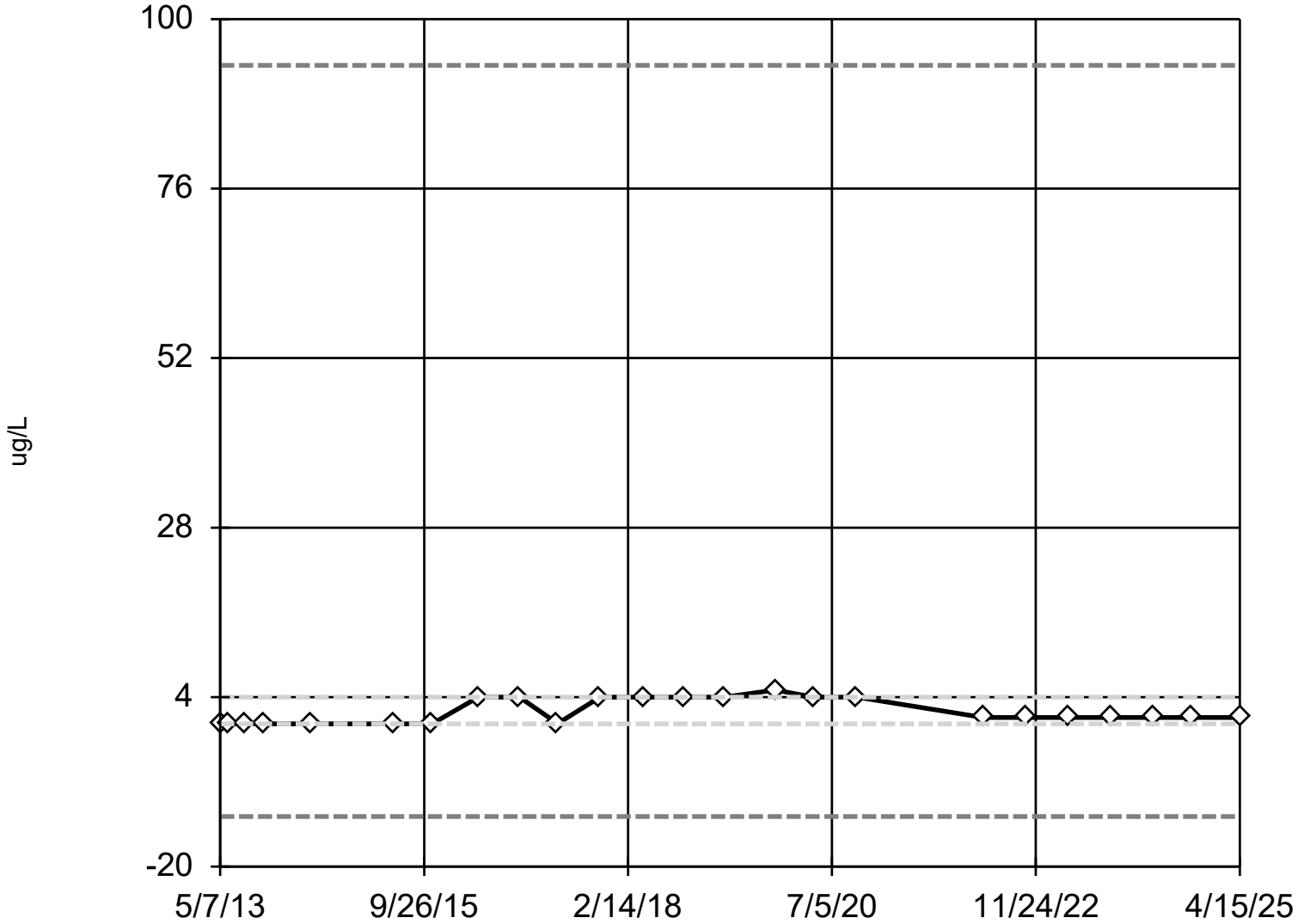
The results were invalidated, because both the lower and upper quartiles represent reporting limits.

Constituent: Bromoform Analysis Run 6/12/2025 3:44 PM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG

Tukey's Outlier Screening

GU-3



n = 24

No outliers found. Tukey's method selected by user.

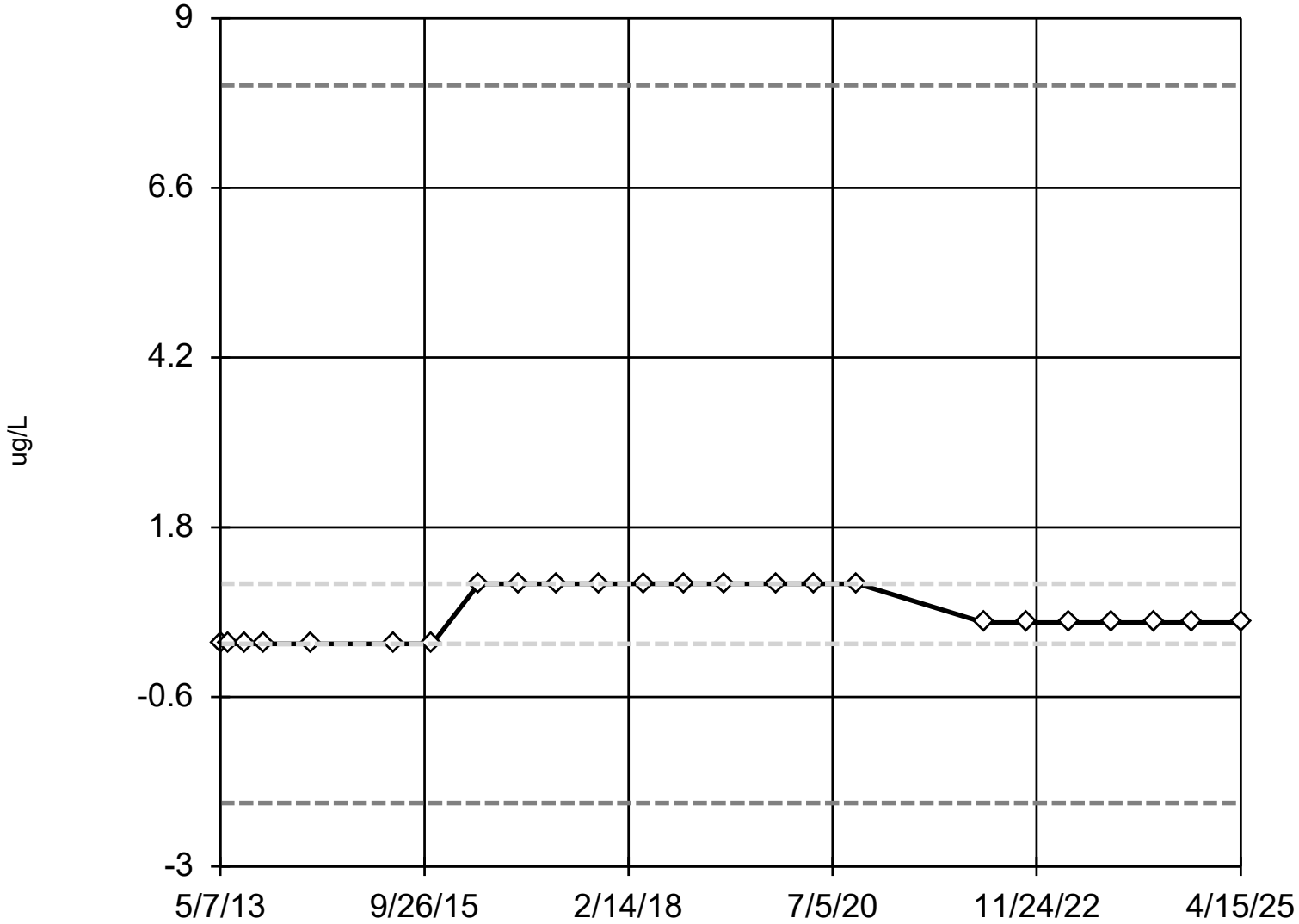
Data were cube root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because both the lower and upper quartiles represent reporting limits.

Constituent: Bromomethane Analysis Run 6/12/2025 3:44 PM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

Tukey's Outlier Screening

GU-3



n = 24

No outliers found. Tukey's method selected by user.

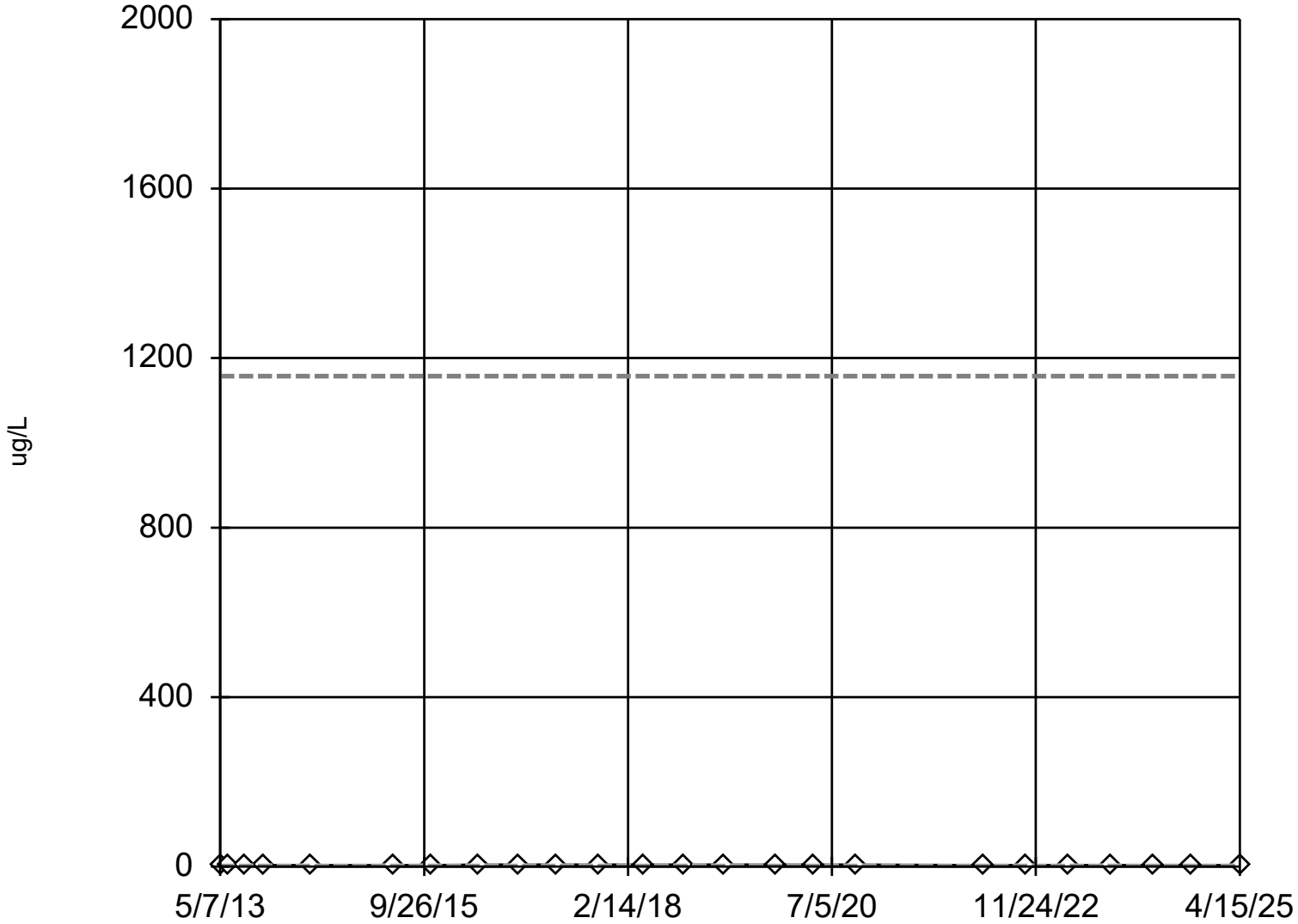
Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because both the lower and upper quartiles represent reporting limits.

Constituent: Carbon disulfide Analysis Run 6/12/2025 3:44 PM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

Tukey's Outlier Screening

GU-3



n = 24

No outliers found. Tukey's method selected by user.

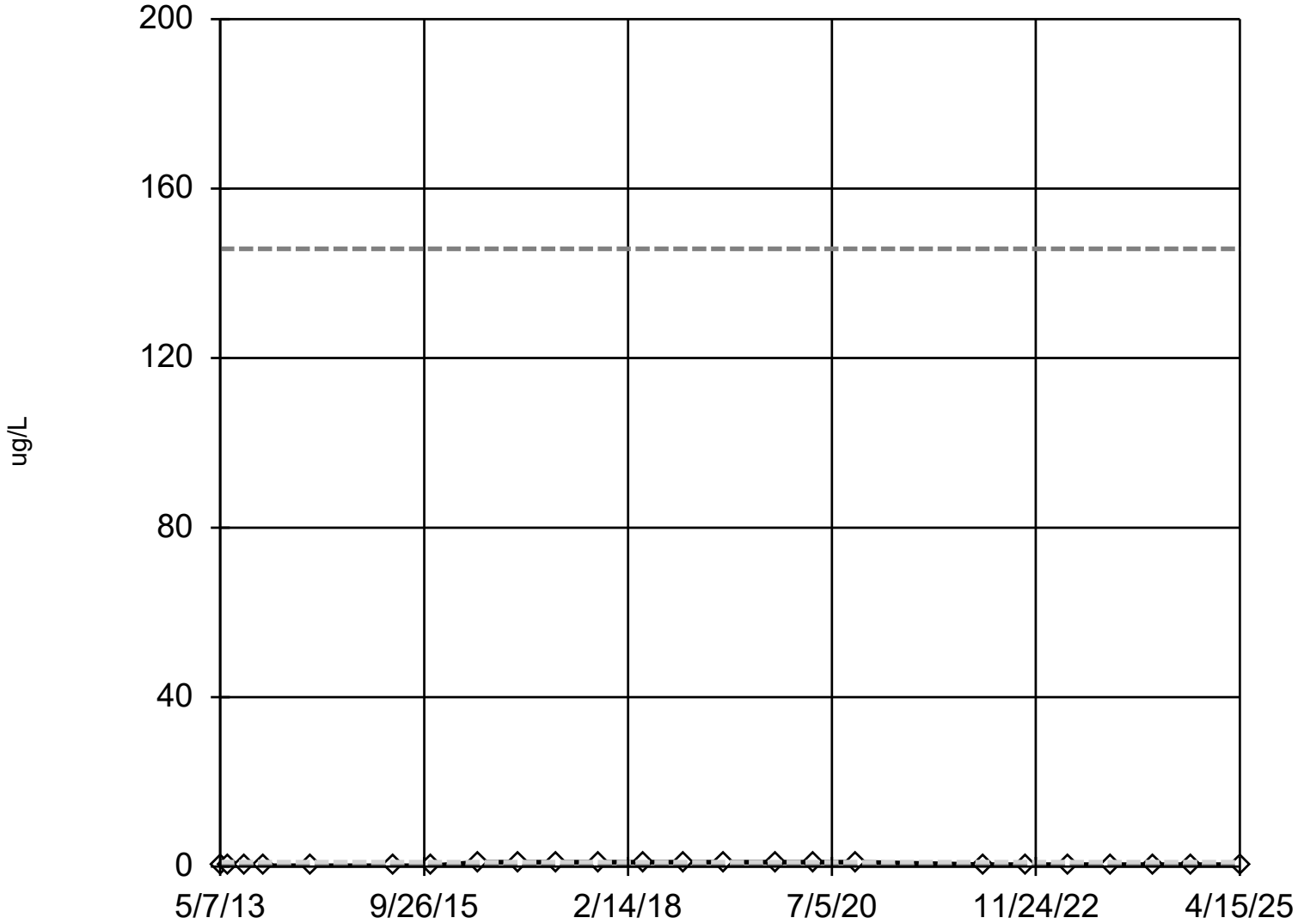
Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because both the lower and upper quartiles represent reporting limits.

Constituent: Carbon Tetrachloride Analysis Run 6/12/2025 3:44 PM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

Tukey's Outlier Screening

GU-3



n = 24

No outliers found. Tukey's method selected by user.

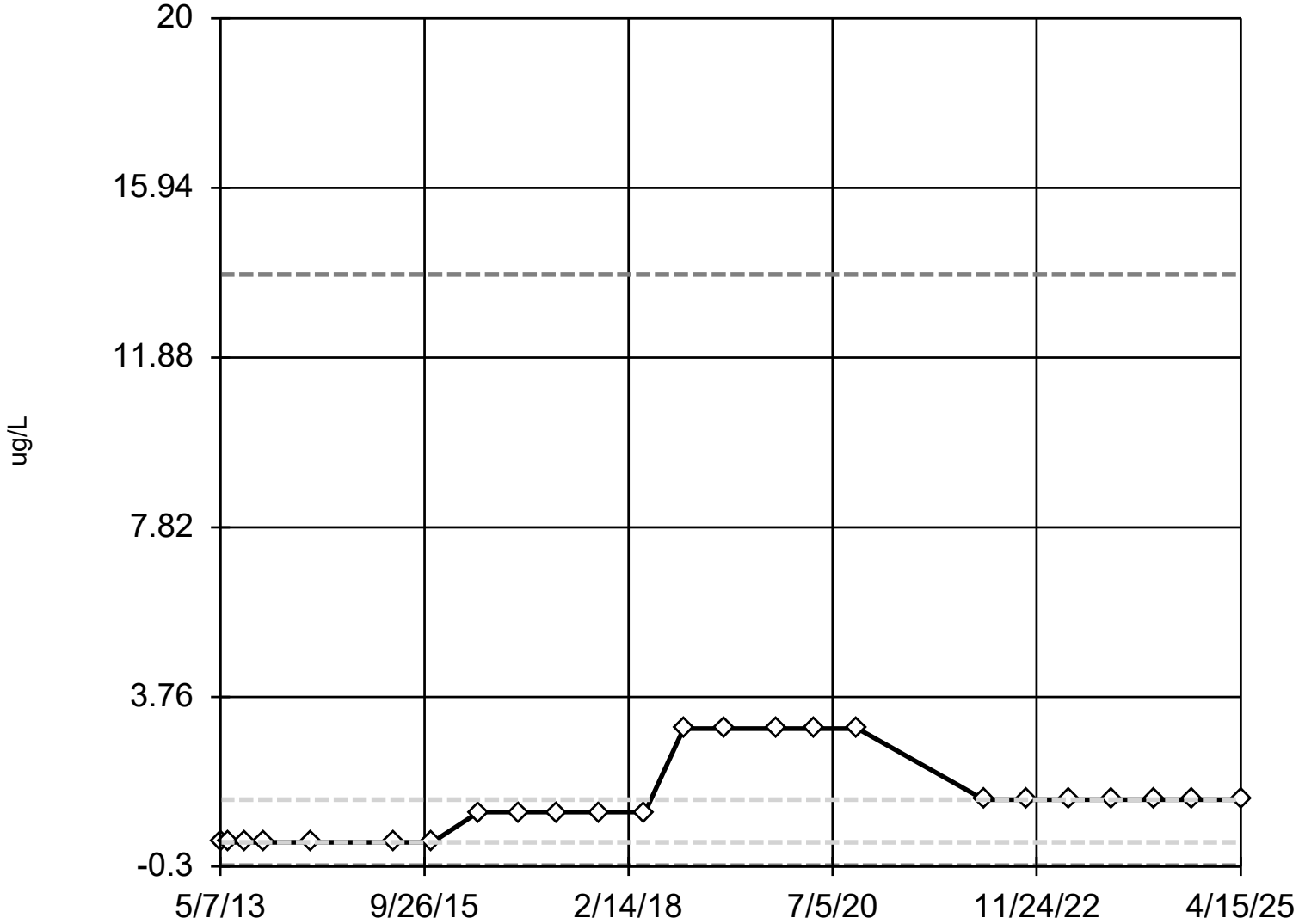
Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because both the lower and upper quartiles represent reporting limits.

Constituent: Chlorobenzene Analysis Run 6/12/2025 3:44 PM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

Tukey's Outlier Screening

GU-3



n = 24

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because both the lower and upper quartiles represent reporting limits.

Constituent: Chloroform Analysis Run 6/12/2025 3:44 PM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

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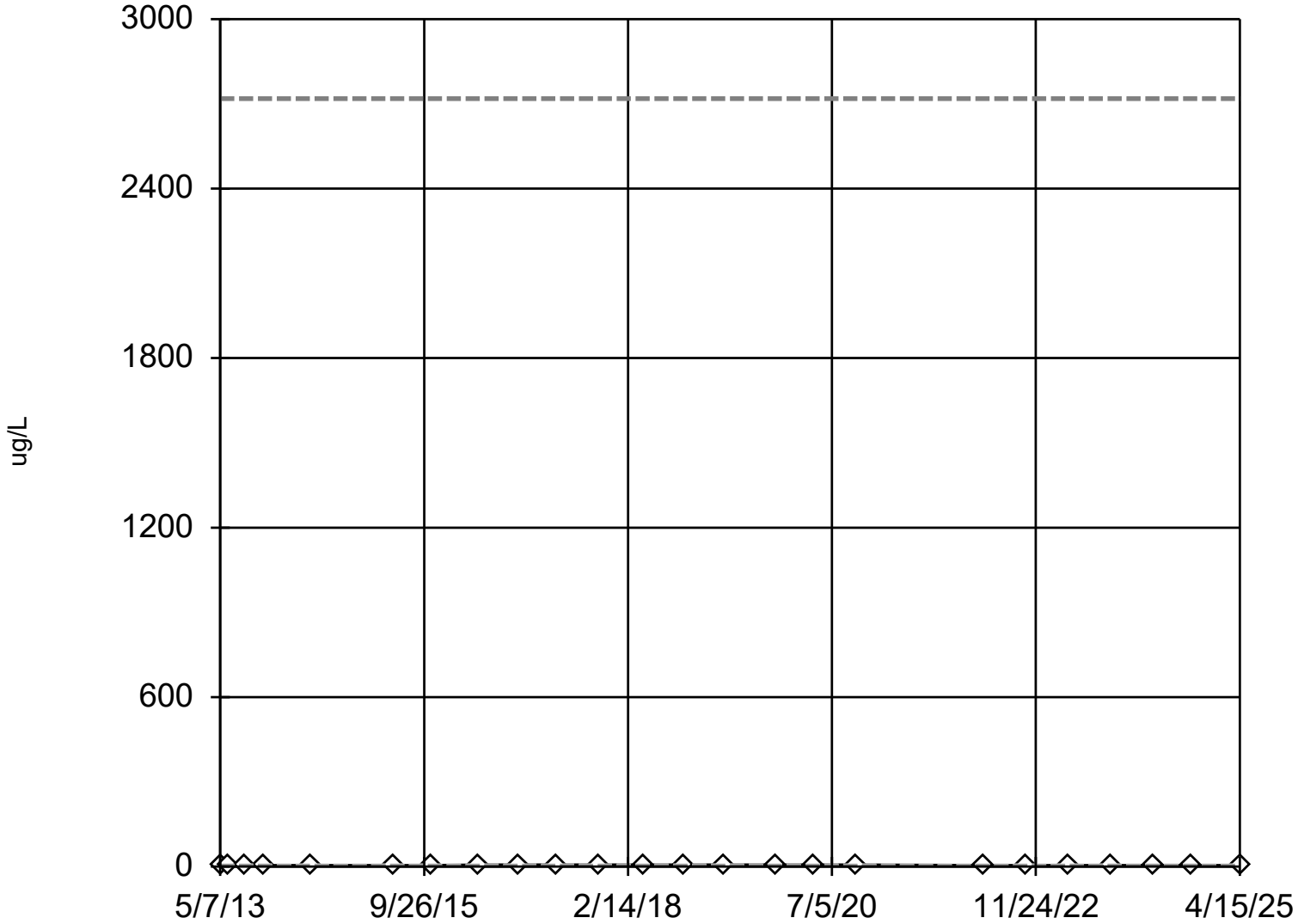
Tukey's Outlier Screening

GU-3



n = 24

No outliers found. Tukey's method selected by user.

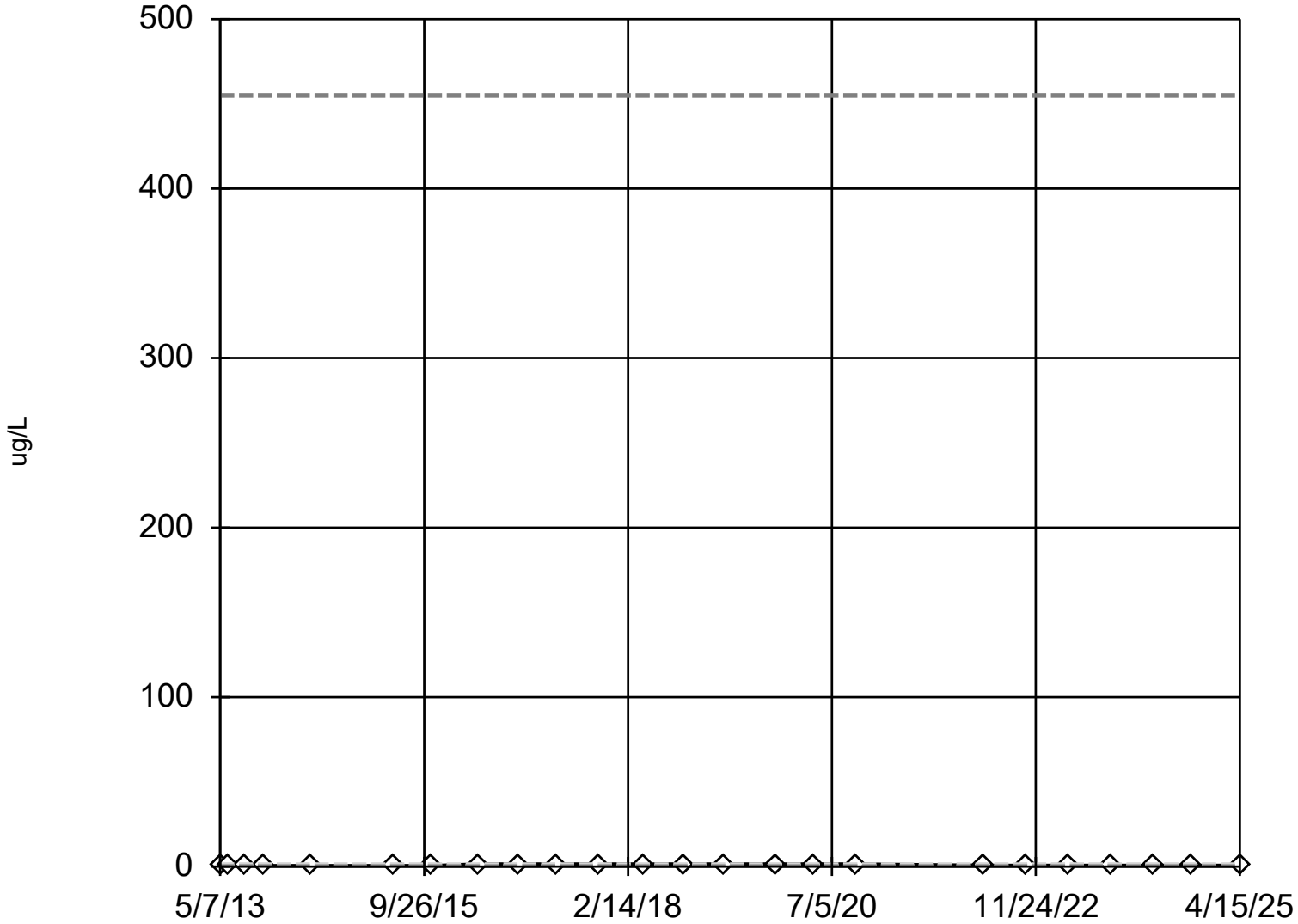
Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because both the lower and upper quartiles represent reporting limits.

Constituent: Chloromethane Analysis Run 6/12/2025 3:44 PM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

Tukey's Outlier Screening

GU-3



n = 24

No outliers found. Tukey's method selected by user.

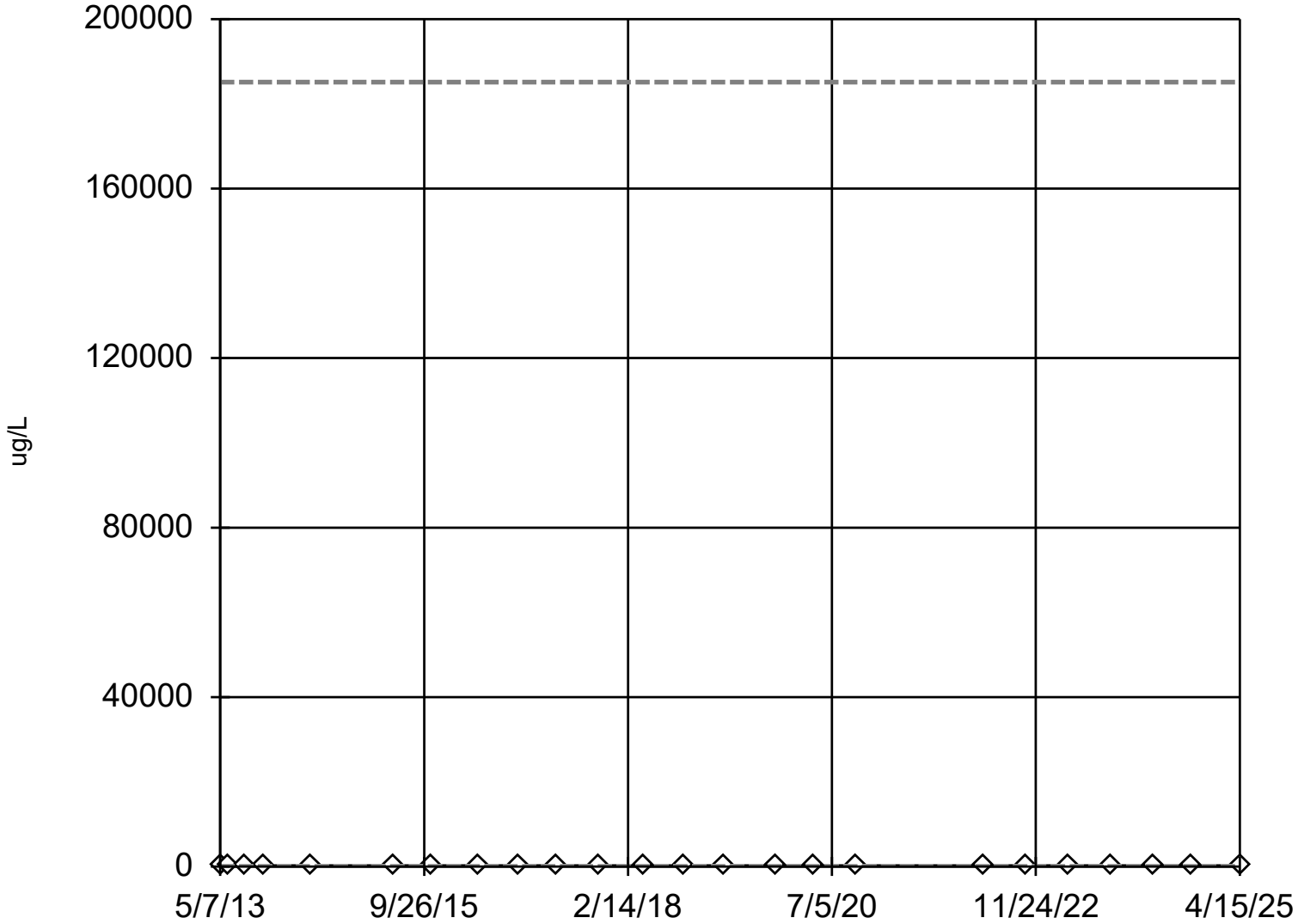
Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because both the lower and upper quartiles represent reporting limits.

Constituent: cis-1,2-Dichloroethene Analysis Run 6/12/2025 3:44 PM View: Underdrains_Appendix I VOC DMASWA Data: DMASWA Database_Updated

Tukey's Outlier Screening

GU-3



n = 24

No outliers found. Tukey's method selected by user.

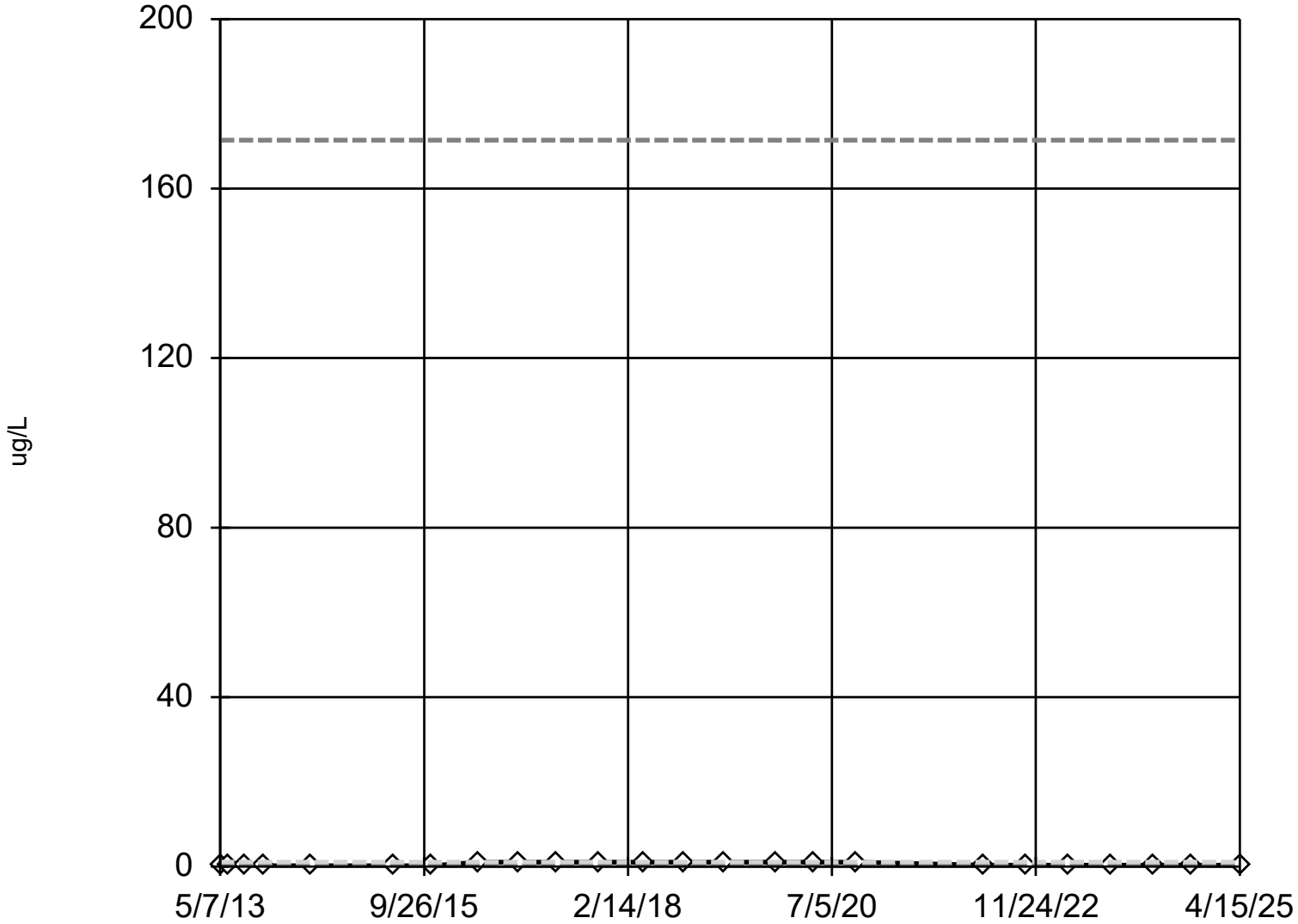
Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because both the lower and upper quartiles represent reporting limits.

Constituent: cis-1,3-Dichloropropene Analysis Run 6/12/2025 3:44 PM View: Underdrains_Appendix I VO DMASWA Data: DMASWA Database_Updated

Tukey's Outlier Screening

GU-3



n = 24

No outliers found. Tukey's method selected by user.

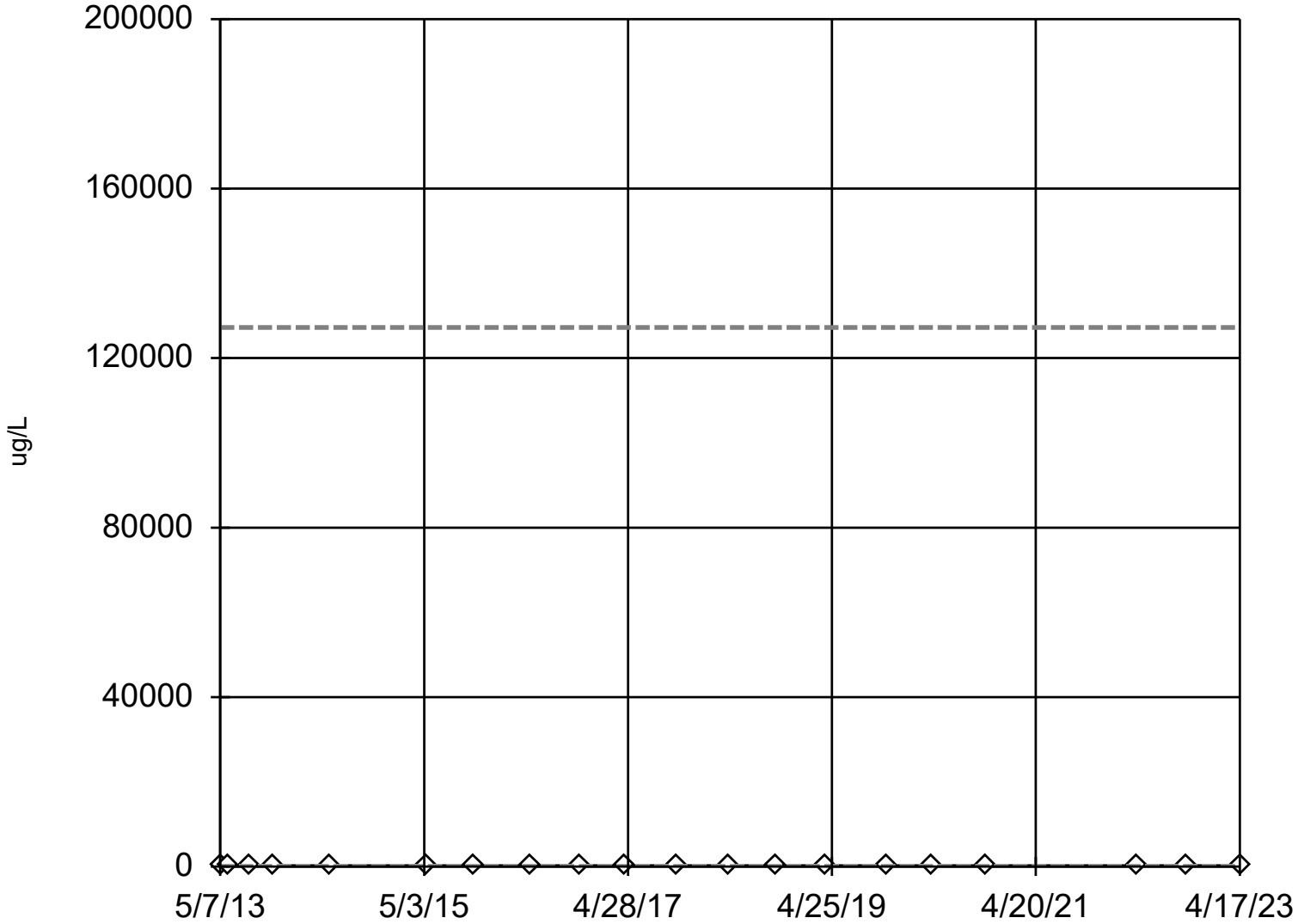
Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because both the lower and upper quartiles represent reporting limits.

Constituent: Dibromomethane Analysis Run 6/12/2025 3:44 PM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

Tukey's Outlier Screening

GU-3



n = 20

No outliers found. Tukey's method selected by user.

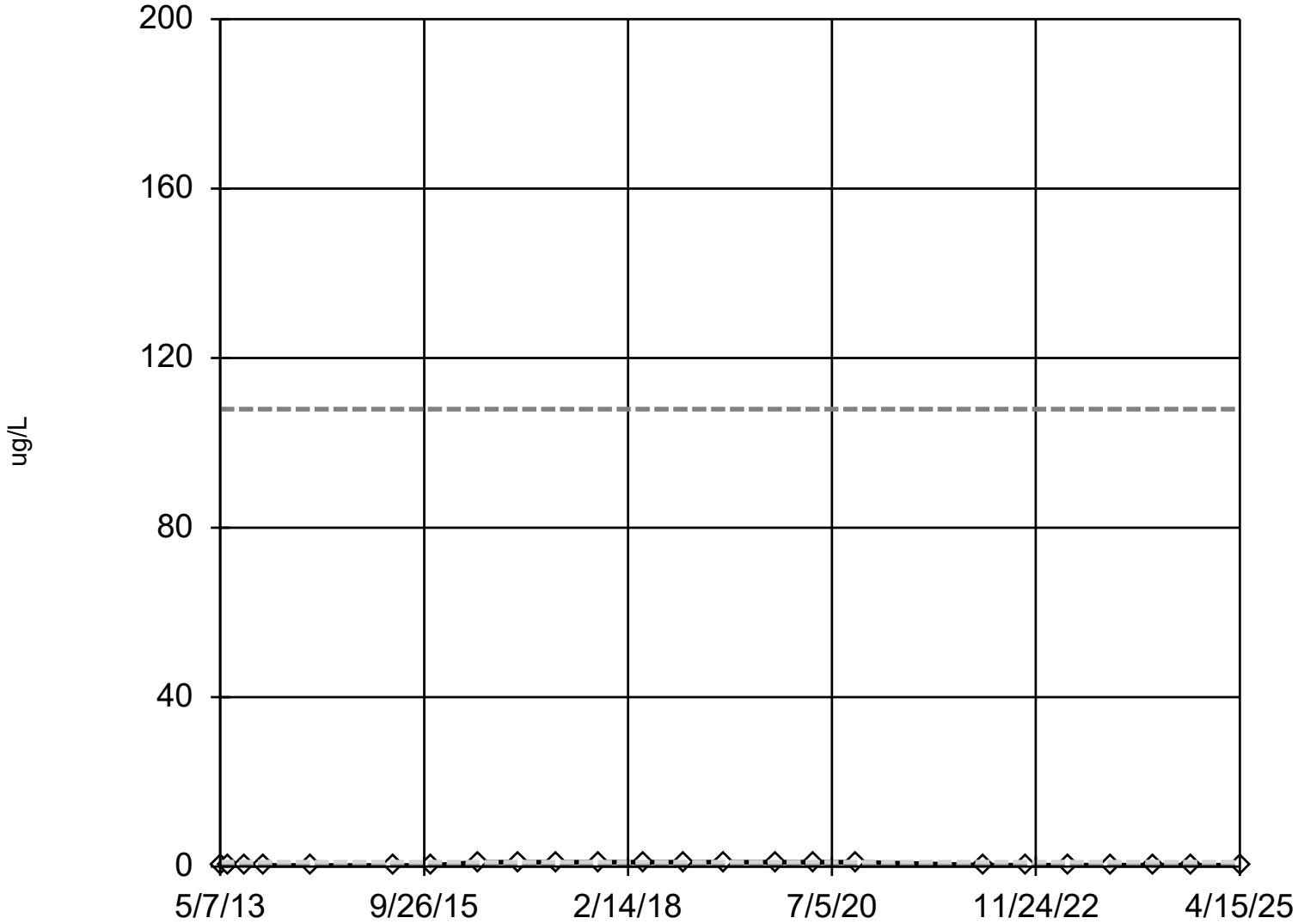
Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because both the lower and upper quartiles represent reporting limits.

Constituent: Dichloromethane Analysis Run 6/12/2025 3:44 PM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

Tukey's Outlier Screening

GU-3



n = 24

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because both the lower and upper quartiles represent reporting limits.

Constituent: Ethylbenzene Analysis Run 6/12/2025 3:44 PM View: Underdrains_Appendix I VOCs

DMASWA Data: DMASWA Database_Updated

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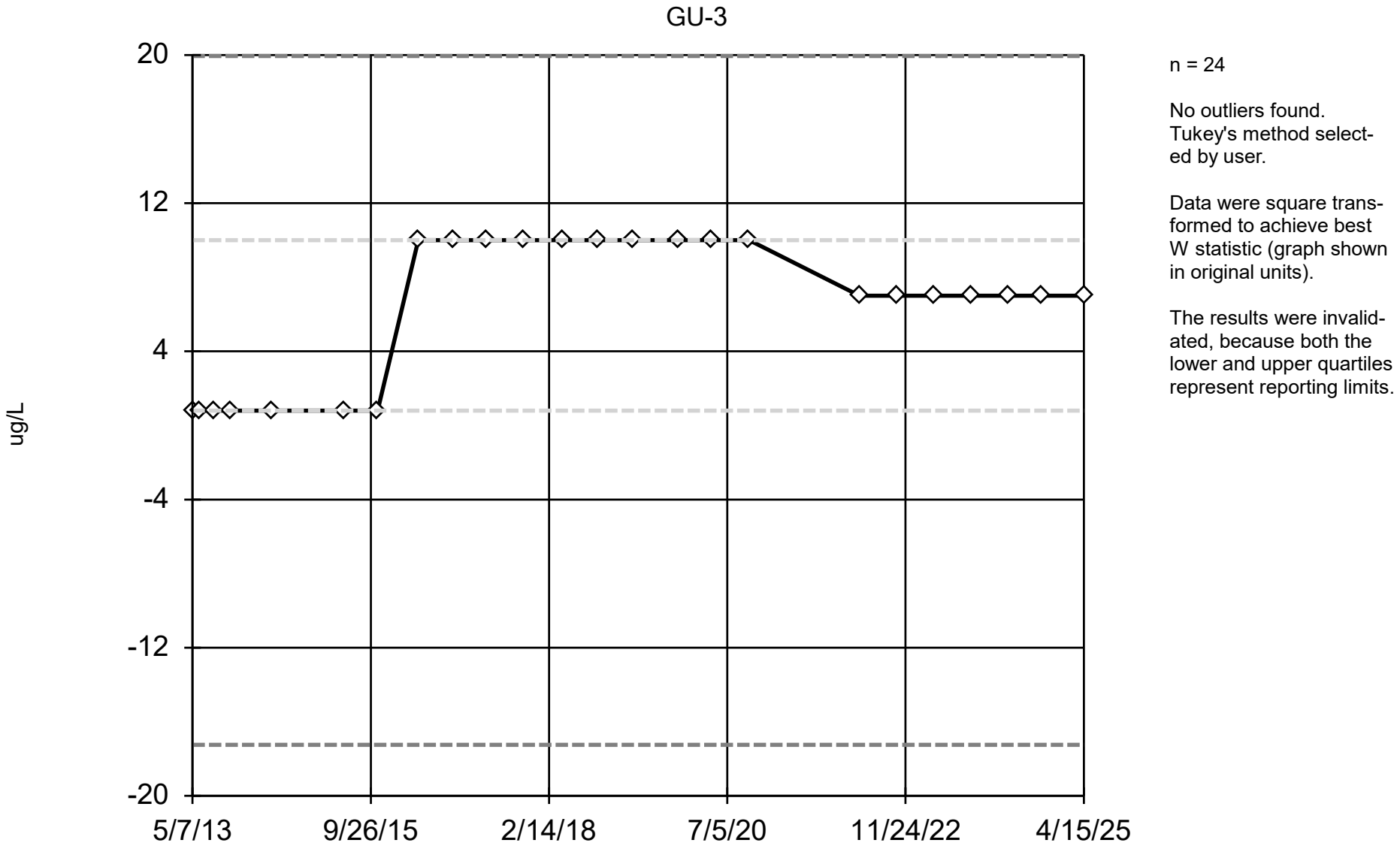
Tukey's Outlier Screening



n = 24

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because both the lower and upper quartiles represent reporting limits.

Constituent: Iodomethane Analysis Run 6/12/2025 3:44 PM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

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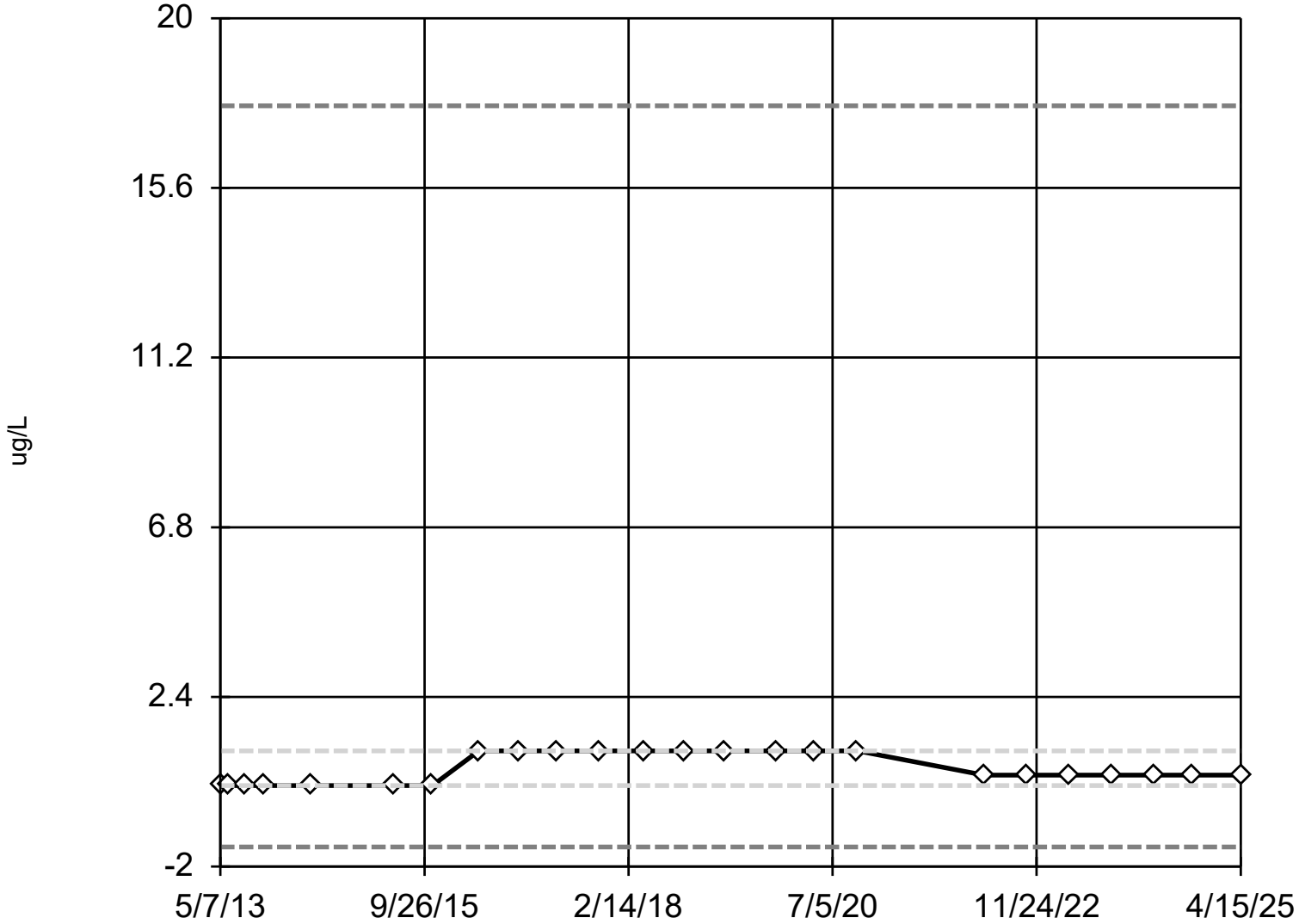
Tukey's Outlier Screening

GU-3



n = 24

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

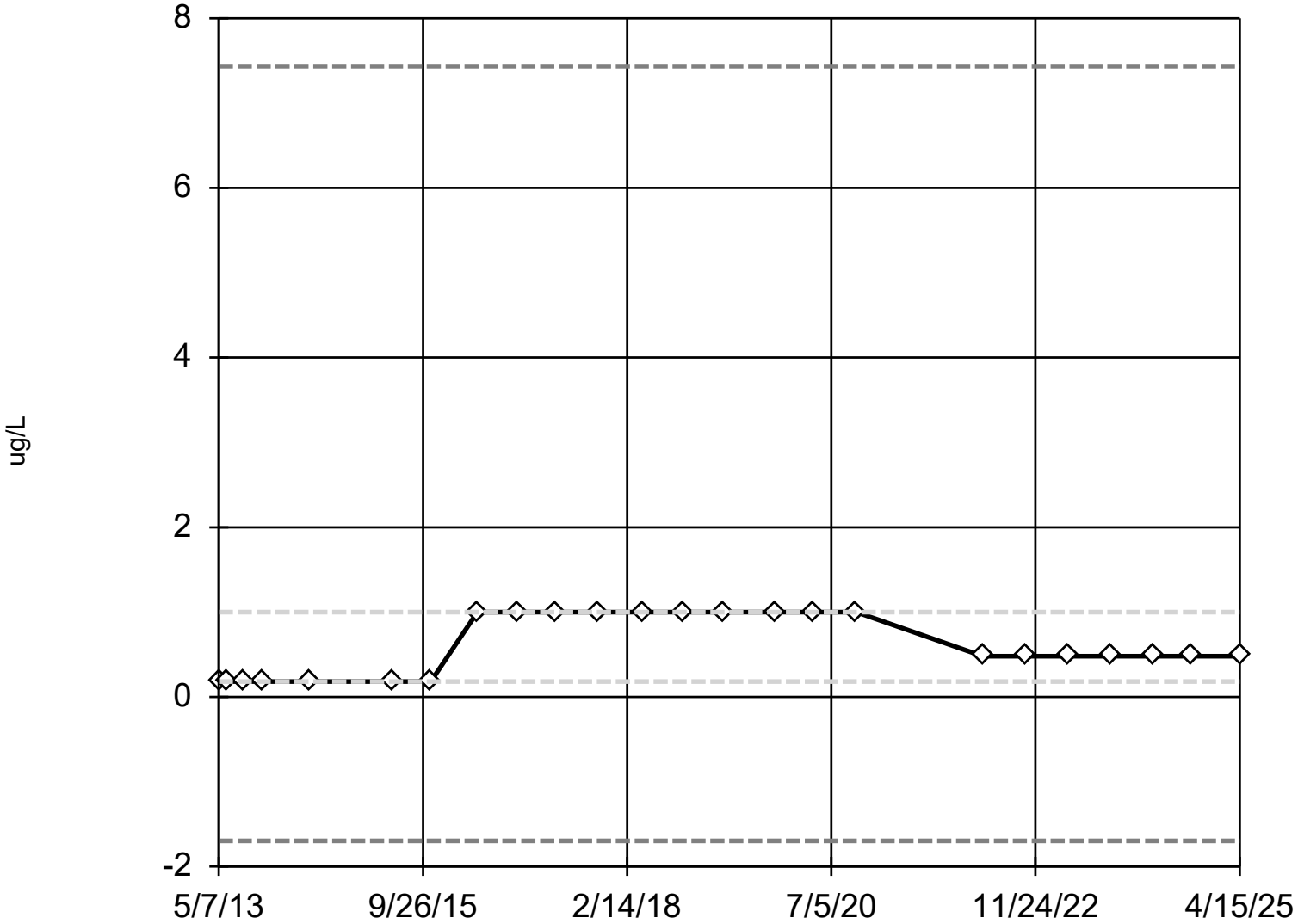
The results were invalidated, because both the lower and upper quartiles represent reporting limits.

Constituent: Styrene Analysis Run 6/12/2025 3:44 PM View: Underdrains_Appendix I VOCs

DMASWA Data: DMASWA Database_Updated

Tukey's Outlier Screening

GU-3



n = 24

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because both the lower and upper quartiles represent reporting limits.

Constituent: Tetrachloroethene Analysis Run 6/12/2025 3:44 PM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

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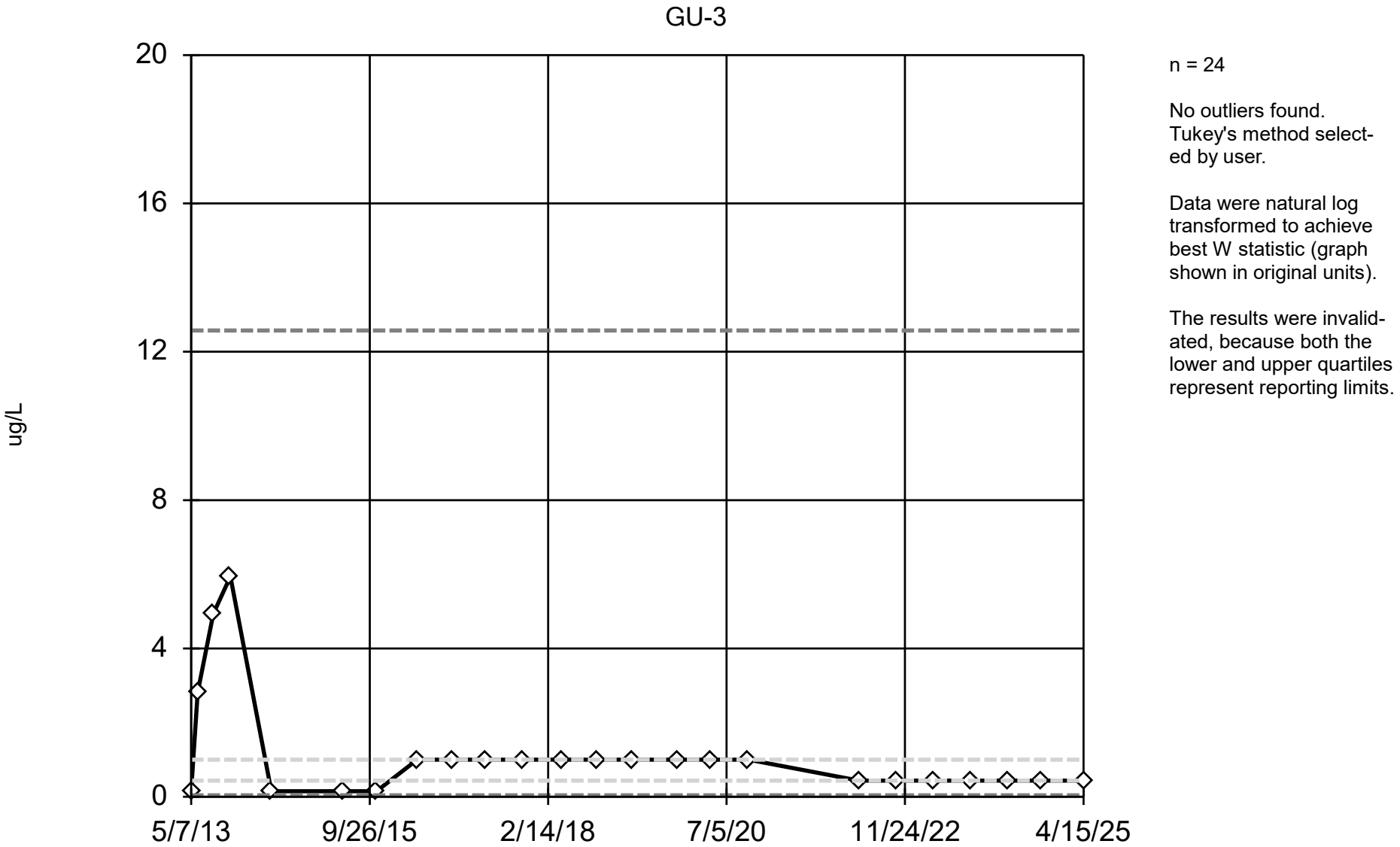
Tukey's Outlier Screening



n = 24

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because both the lower and upper quartiles represent reporting limits.

Constituent: Toluene Analysis Run 6/12/2025 3:44 PM View: Underdrains_Appendix I VOCs

DMASWA Data: DMASWA Database_Updated

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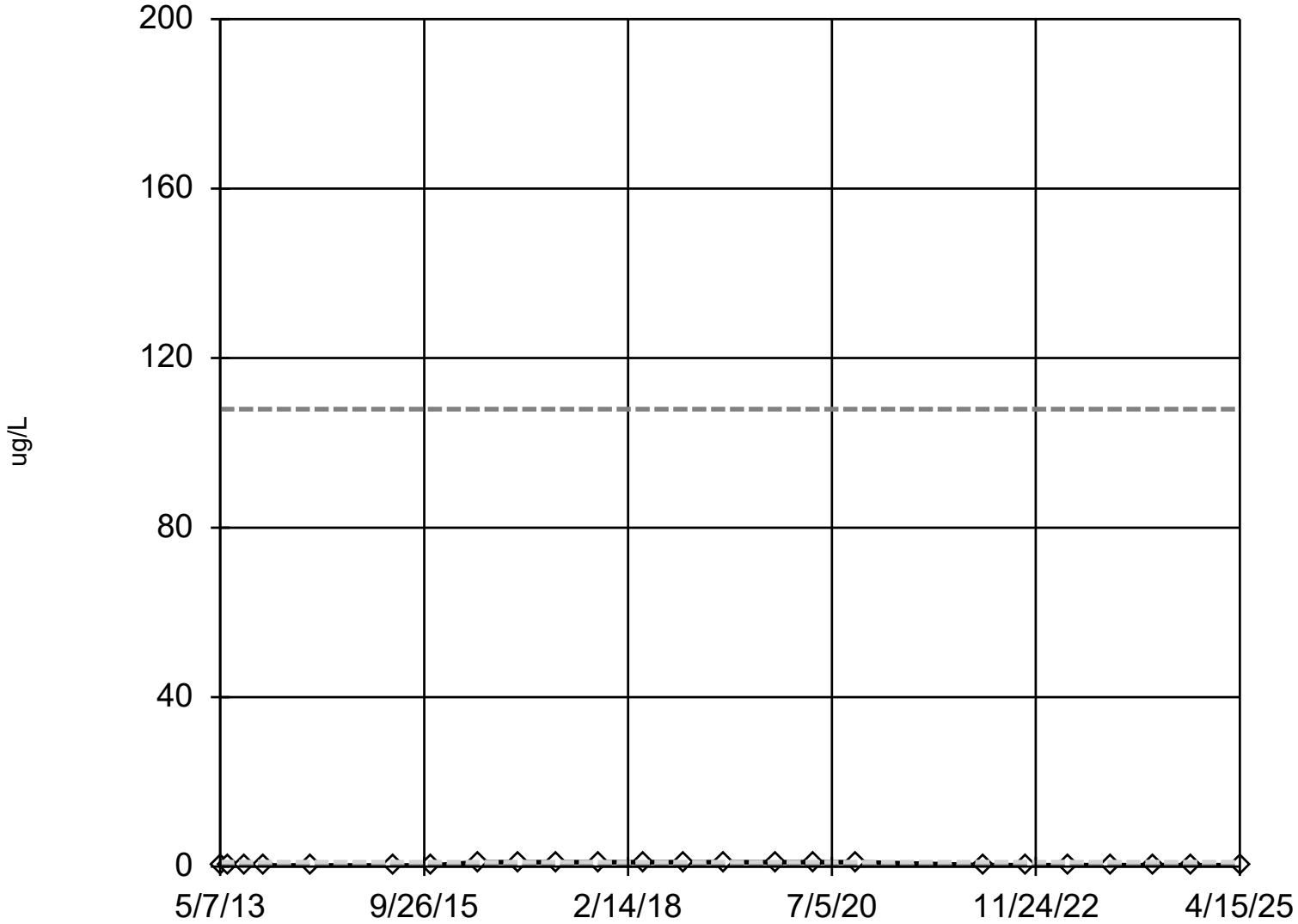
Tukey's Outlier Screening

GU-3



n = 24

No outliers found. Tukey's method selected by user.

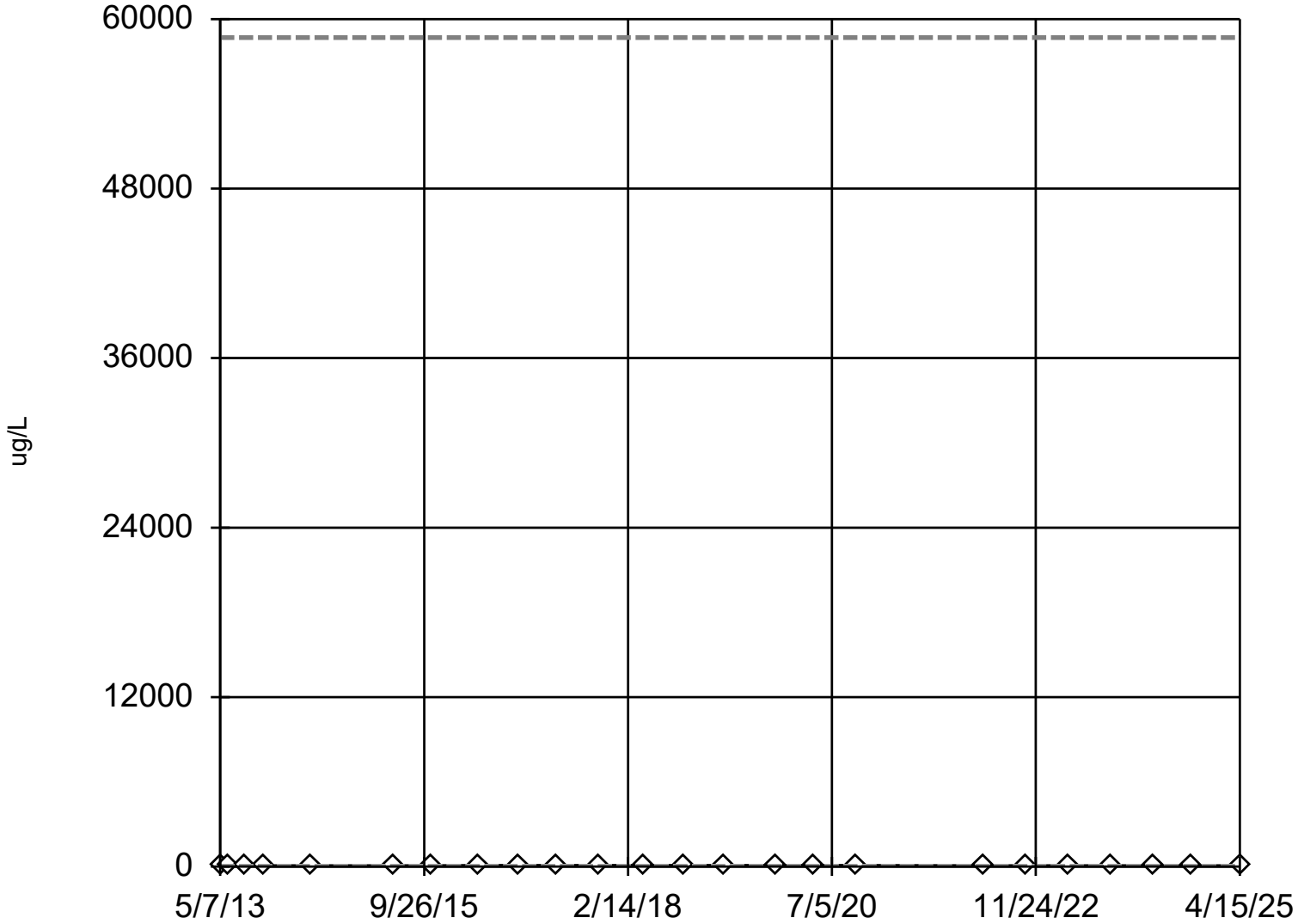
Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because both the lower and upper quartiles represent reporting limits.

Constituent: trans-1,2-Dichloroethene Analysis Run 6/12/2025 3:44 PM View: Underdrains_Appendix I VO DMASWA Data: DMASWA Database_Updated

Tukey's Outlier Screening

GU-3



n = 24

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because both the lower and upper quartiles represent reporting limits.

Constituent: trans-1,3-Dichloropropene Analysis Run 6/12/2025 3:44 PM View: Underdrains_Appendix I V DMASWA Data: DMASWA Database_Updated

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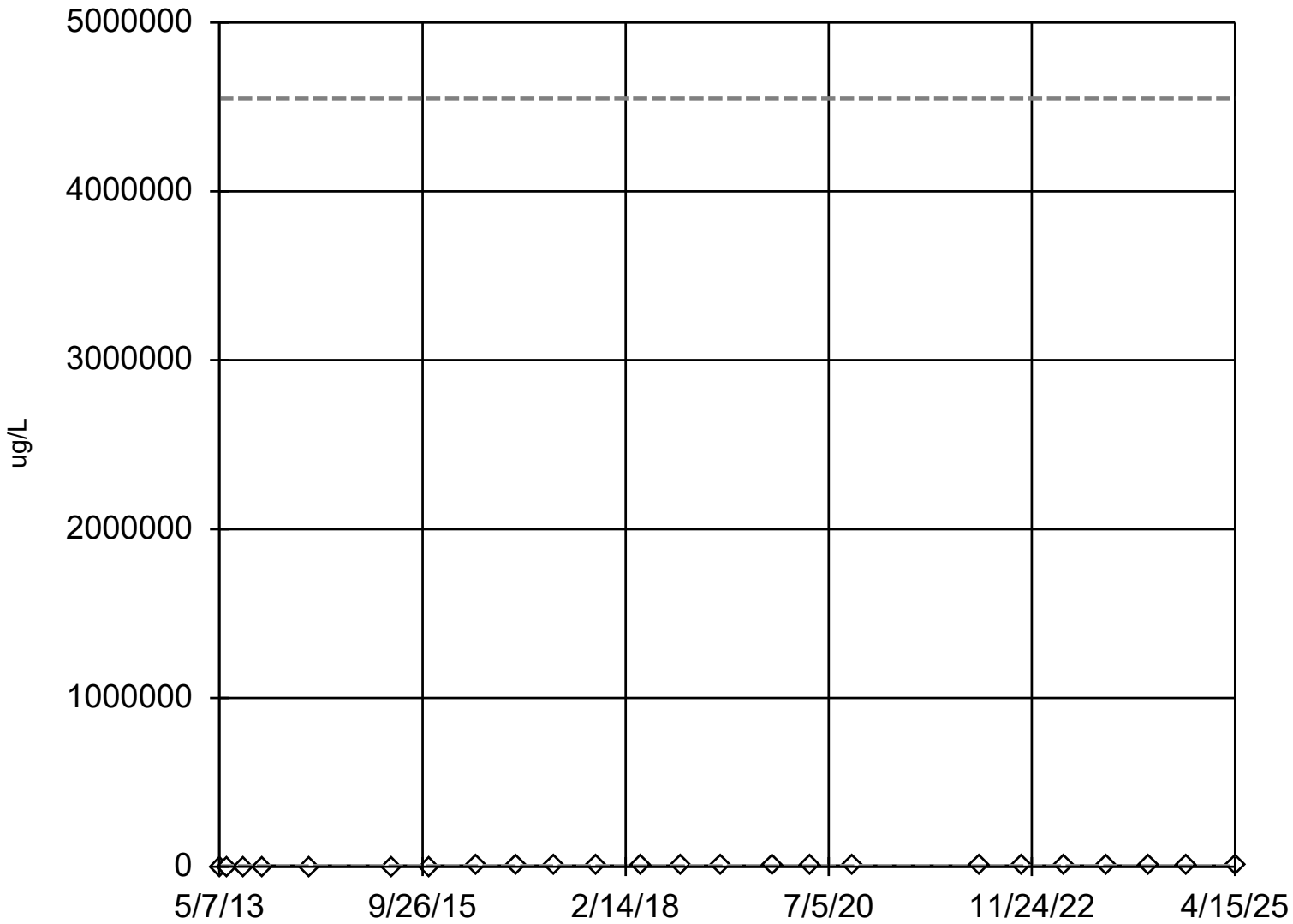
Tukey's Outlier Screening

GU-3



n = 24

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

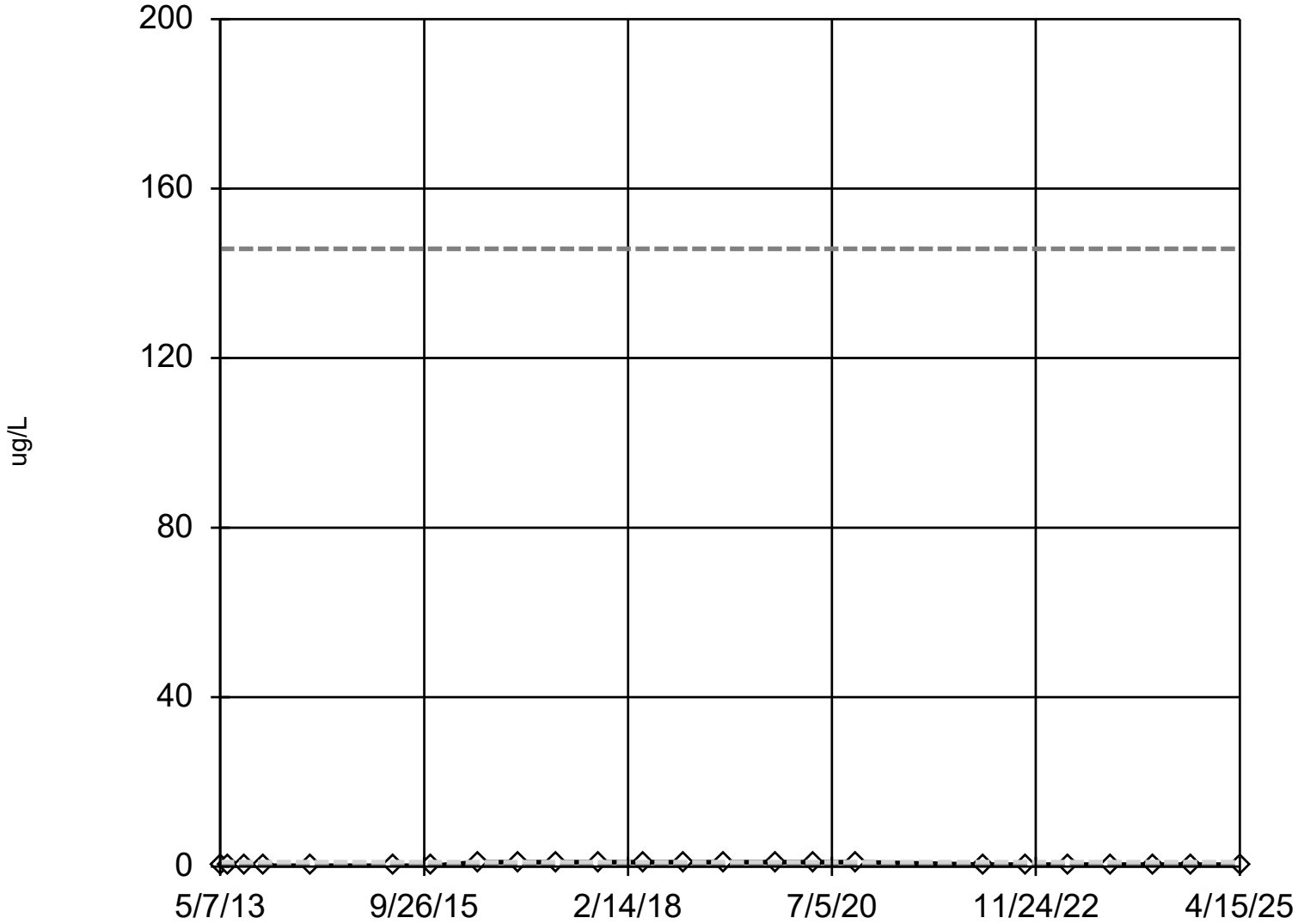
The results were invalidated, because both the lower and upper quartiles represent reporting limits.

Constituent: trans-1,4-Dichloro-2-butene Analysis Run 6/12/2025 3:45 PM View: Underdrains_Appendix I

DMASWA Data: DMASWA Database_Updated

Tukey's Outlier Screening

GU-3



n = 24

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because both the lower and upper quartiles represent reporting limits.

Constituent: Trichloroethene Analysis Run 6/12/2025 3:45 PM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

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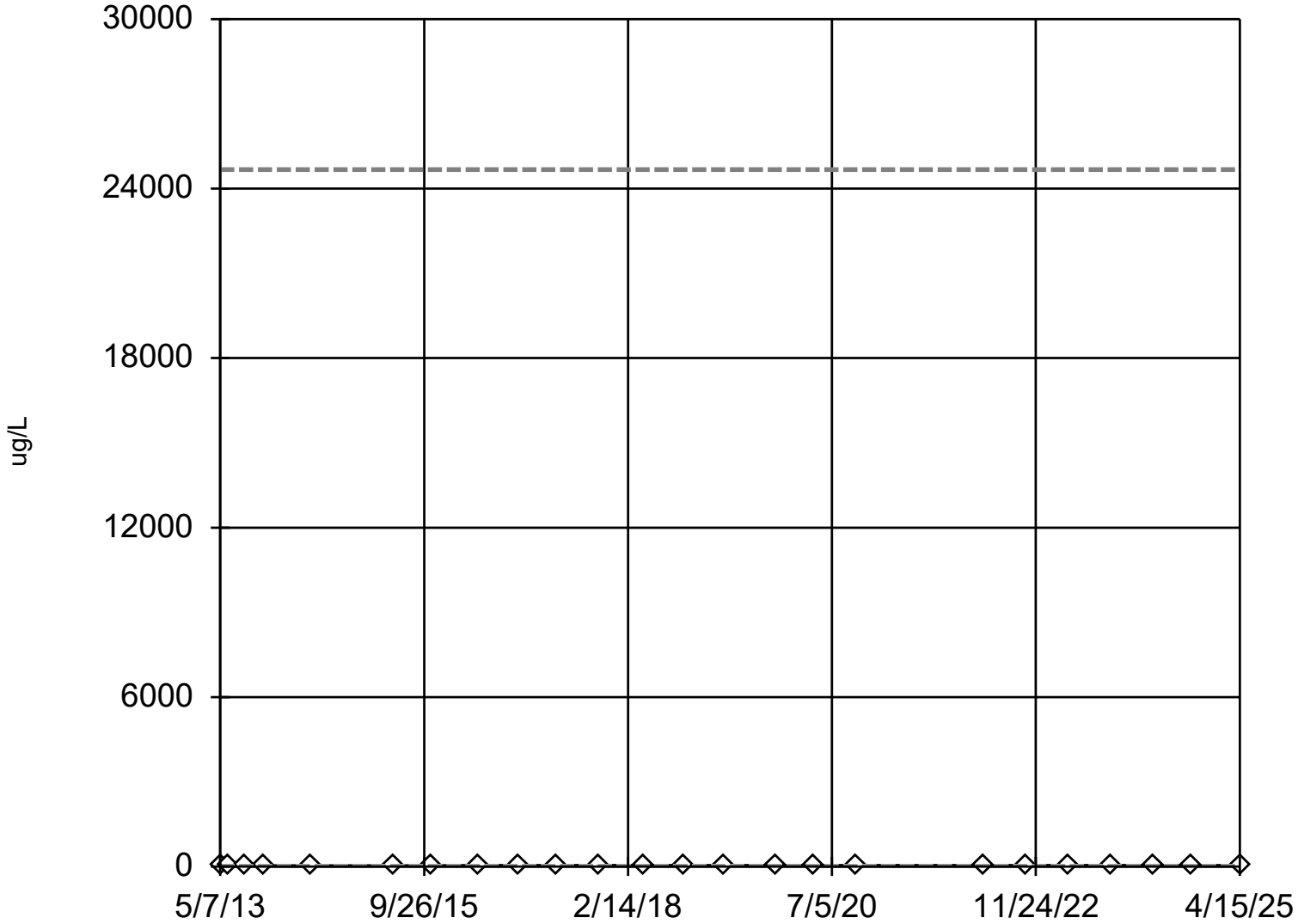
Tukey's Outlier Screening

GU-3



n = 24

No outliers found. Tukey's method selected by user.

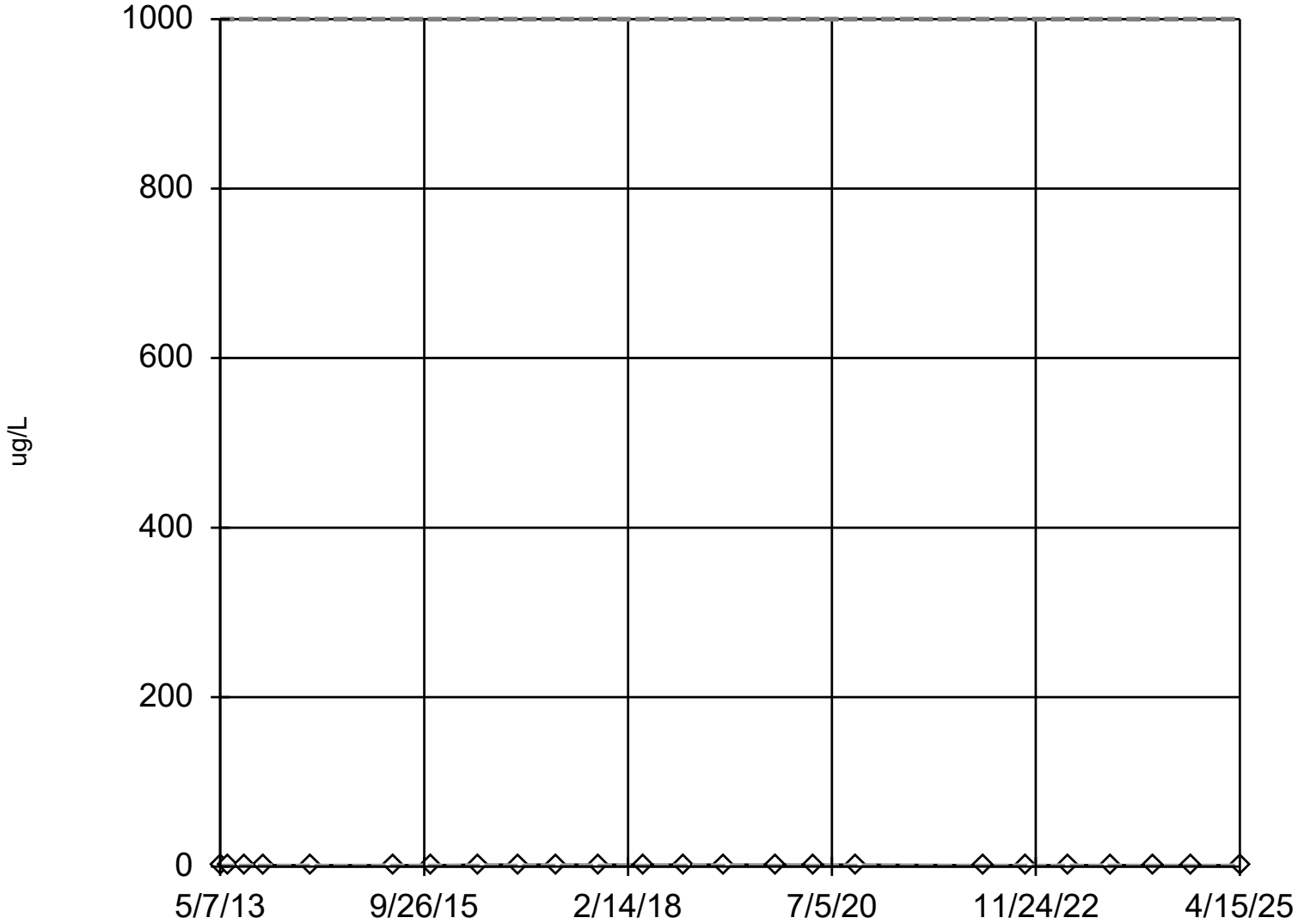
Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because both the lower and upper quartiles represent reporting limits.

Constituent: Vinyl Acetate Analysis Run 6/12/2025 3:45 PM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

Tukey's Outlier Screening

GU-3



n = 24

No outliers found. Tukey's method selected by user.

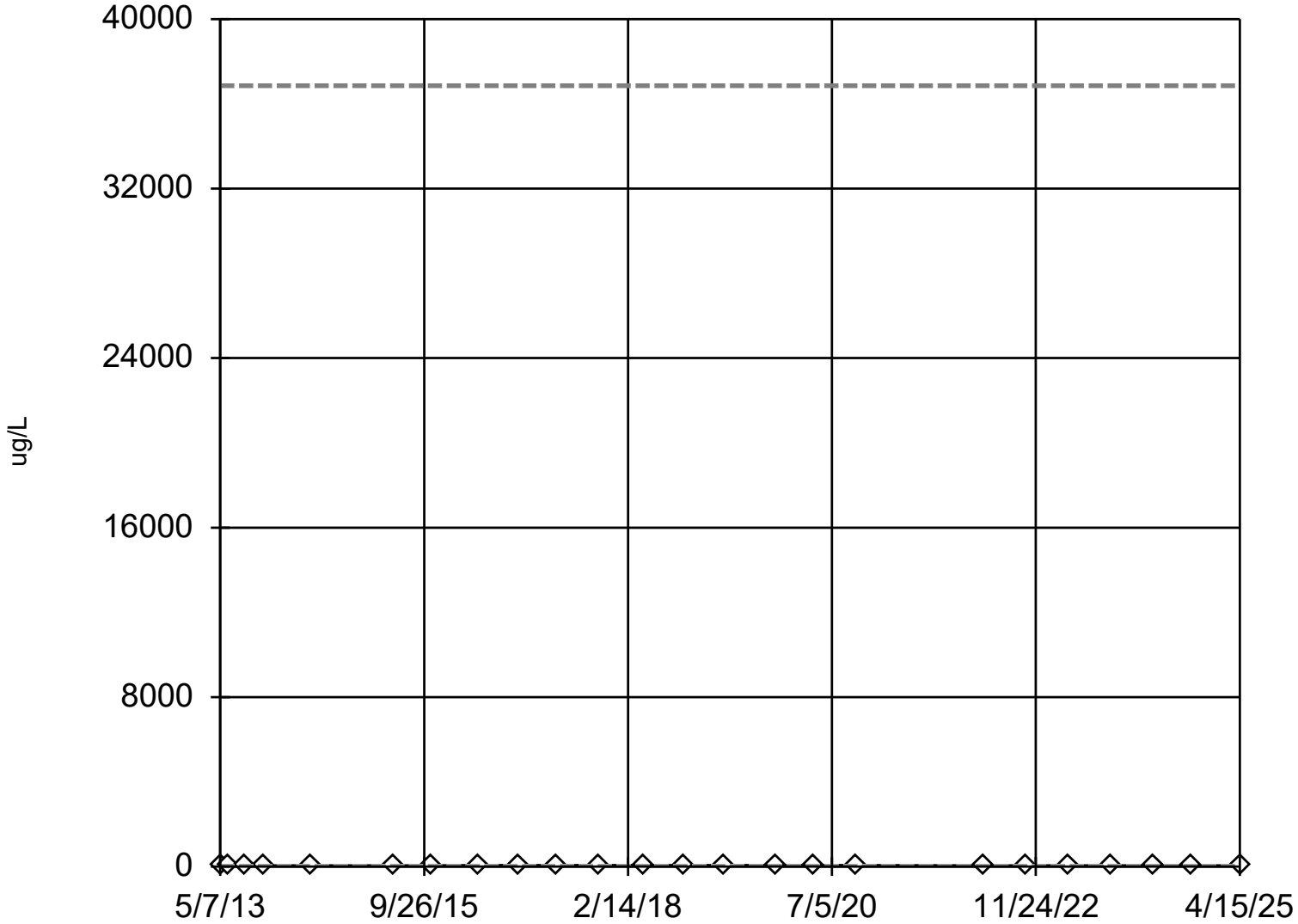
Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because both the lower and upper quartiles represent reporting limits.

Constituent: Vinyl chloride Analysis Run 6/12/2025 3:45 PM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

Tukey's Outlier Screening

GU-3



n = 24

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because both the lower and upper quartiles represent reporting limits.

Constituent: Xylenes, Total Analysis Run 6/12/2025 3:45 PM View: Underdrains_Appendix I VOCs

DMASWA Data: DMASWA Database_Updated

Outlier Analysis

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 3:46 PM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
1,1,1-Trichloroethane (ug/L)	GU-3	n/a	n/a	n/a	NP	NaN	24	0.7637	0.3761	unknown	ShapiroWilk
1,1,2,2-Tetrachloroethane (ug/L)	GU-3	n/a	n/a	n/a	NP	NaN	24	0.8454	0.2461	unknown	ShapiroWilk
1,1,2-Trichloroethane (ug/L)	GU-3	n/a	n/a	n/a	NP	NaN	24	0.8396	0.2554	unknown	ShapiroWilk
1,1-Dichloroethane (ug/L)	GU-3	n/a	n/a	n/a	NP	NaN	24	0.7725	0.3622	unknown	ShapiroWilk
1,1-Dichloroethene (ug/L)	GU-3	n/a	n/a	n/a	NP	NaN	24	1.58	0.6686	unknown	ShapiroWilk
1,2,3-Trichloropropane (ug/L)	GU-3	n/a	n/a	n/a	NP	NaN	24	0.9221	0.2972	unknown	ShapiroWilk
1,2-Dibromo-3-chloropropane (ug/L)	GU-3	n/a	n/a	n/a	NP	NaN	24	1.892	1.631	unknown	ShapiroWilk
1,2-Dibromoethane [EDB] (ug/L)	GU-3	n/a	n/a	n/a	NP	NaN	24	0.8075	0.3064	unknown	ShapiroWilk
1,2-Dichlorobenzene (ug/L)	GU-3	n/a	n/a	n/a	NP	NaN	24	0.8163	0.2925	unknown	ShapiroWilk
1,2-Dichloroethane (ug/L)	GU-3	n/a	n/a	n/a	NP	NaN	24	0.8221	0.2832	unknown	ShapiroWilk
1,2-Dichloropropane (ug/L)	GU-3	n/a	n/a	n/a	NP	NaN	24	0.7871	0.3389	unknown	ShapiroWilk
1,4-Dichlorobenzene (ug/L)	GU-3	n/a	n/a	n/a	NP	NaN	24	0.7754	0.3575	unknown	ShapiroWilk
2-Butanone [MEK] (ug/L)	GU-3	n/a	n/a	n/a	NP	NaN	24	6.029	3.352	unknown	ShapiroWilk
2-Hexanone (ug/L)	GU-3	n/a	n/a	n/a	NP	NaN	24	7.667	3.714	unknown	ShapiroWilk
4-Methyl-2-pentanone (ug/L)	GU-3	n/a	n/a	n/a	NP	NaN	24	4.843	4.512	unknown	ShapiroWilk
Acetone (ug/L)	GU-3	n/a	n/a	n/a	NP	NaN	24	5.683	4.353	unknown	ShapiroWilk
Acrylonitrile (ug/L)	GU-3	n/a	n/a	n/a	NP	NaN	24	3.296	2.759	unknown	ShapiroWilk
Benzene (ug/L)	GU-3	n/a	n/a	n/a	NP	NaN	24	0.3046	0.1741	unknown	ShapiroWilk
Bromochloromethane (ug/L)	GU-3	n/a	n/a	n/a	NP	NaN	24	2.276	2.358	unknown	ShapiroWilk
Bromodichloromethane (ug/L)	GU-3	n/a	n/a	n/a	NP	NaN	24	0.5654	0.3897	unknown	ShapiroWilk
Bromoform (ug/L)	GU-3	n/a	n/a	n/a	NP	NaN	24	2.352	2.3	unknown	ShapiroWilk
Bromomethane (ug/L)	GU-3	n/a	n/a	n/a	NP	NaN	24	1.937	1.767	unknown	ShapiroWilk
Carbon disulfide (ug/L)	GU-3	n/a	n/a	n/a	NP	NaN	24	0.5917	0.3714	unknown	ShapiroWilk
Carbon Tetrachloride (ug/L)	GU-3	n/a	n/a	n/a	NP	NaN	24	1.093	0.7993	unknown	ShapiroWilk
Chlorobenzene (ug/L)	GU-3	n/a	n/a	n/a	NP	NaN	24	0.5888	0.3644	unknown	ShapiroWilk
Chloroform (ug/L)	GU-3	n/a	n/a	n/a	NP	NaN	24	1.294	0.9821	unknown	ShapiroWilk
Chloromethane (ug/L)	GU-3	n/a	n/a	n/a	NP	NaN	24	1.518	1.285	unknown	ShapiroWilk
cis-1,2-Dichloroethene (ug/L)	GU-3	n/a	n/a	n/a	NP	NaN	24	0.5158	0.4192	unknown	ShapiroWilk
cis-1,3-Dichloropropene (ug/L)	GU-3	n/a	n/a	n/a	NP	NaN	24	2.2	2.418	unknown	ShapiroWilk
Dibromomethane (ug/L)	GU-3	n/a	n/a	n/a	NP	NaN	24	0.5654	0.3797	unknown	ShapiroWilk
Dichloromethane (ug/L)	GU-3	n/a	n/a	n/a	NP	NaN	20	1.984	2.09	unknown	ShapiroWilk
Ethylbenzene (ug/L)	GU-3	n/a	n/a	n/a	NP	NaN	24	0.5683	0.3747	unknown	ShapiroWilk
Iodomethane (ug/L)	GU-3	n/a	n/a	n/a	NP	NaN	24	6.442	3.91	unknown	ShapiroWilk
Styrene (ug/L)	GU-3	n/a	n/a	n/a	NP	NaN	24	0.5538	0.3994	unknown	ShapiroWilk
Tetrachloroethene (ug/L)	GU-3	n/a	n/a	n/a	NP	NaN	24	0.6092	0.3571	unknown	ShapiroWilk
Toluene (ug/L)	GU-3	n/a	n/a	n/a	NP	NaN	24	1.137	1.442	unknown	ShapiroWilk
trans-1,2-Dichloroethene (ug/L)	GU-3	n/a	n/a	n/a	NP	NaN	24	0.5567	0.3835	unknown	ShapiroWilk
trans-1,3-Dichloropropene (ug/L)	GU-3	n/a	n/a	n/a	NP	NaN	24	2.311	2.325	unknown	ShapiroWilk
trans-1,4-Dichloro-2-butene (ug/L)	GU-3	n/a	n/a	n/a	NP	NaN	24	4.525	4.742	unknown	ShapiroWilk
Trichloroethene (ug/L)	GU-3	n/a	n/a	n/a	NP	NaN	24	0.5975	0.3599	unknown	ShapiroWilk
Vinyl Acetate (ug/L)	GU-3	n/a	n/a	n/a	NP	NaN	24	5.112	4.276	unknown	ShapiroWilk
Vinyl chloride (ug/L)	GU-3	n/a	n/a	n/a	NP	NaN	24	0.4983	0.4342	unknown	ShapiroWilk
Xylenes, Total (ug/L)	GU-3	n/a	n/a	n/a	NP	NaN	24	1.405	1.381	unknown	ShapiroWilk

Groundwater Underdrains – Appendix I VOCs

Outlier Analysis Summary

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Underdrain Outlier Summary VOCs

DMASWA Data: DMASWA Database_Updated Printed 6/12/2025, 3:47 PM

	GU-3 Acetone (ug/L)
10/18/2017	9.35 (Jo)
4/26/2018	8.27 (Jo)
10/8/2018	18.1 (o)

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Groundwater Underdrains – Appendix I VOCs

Time Series

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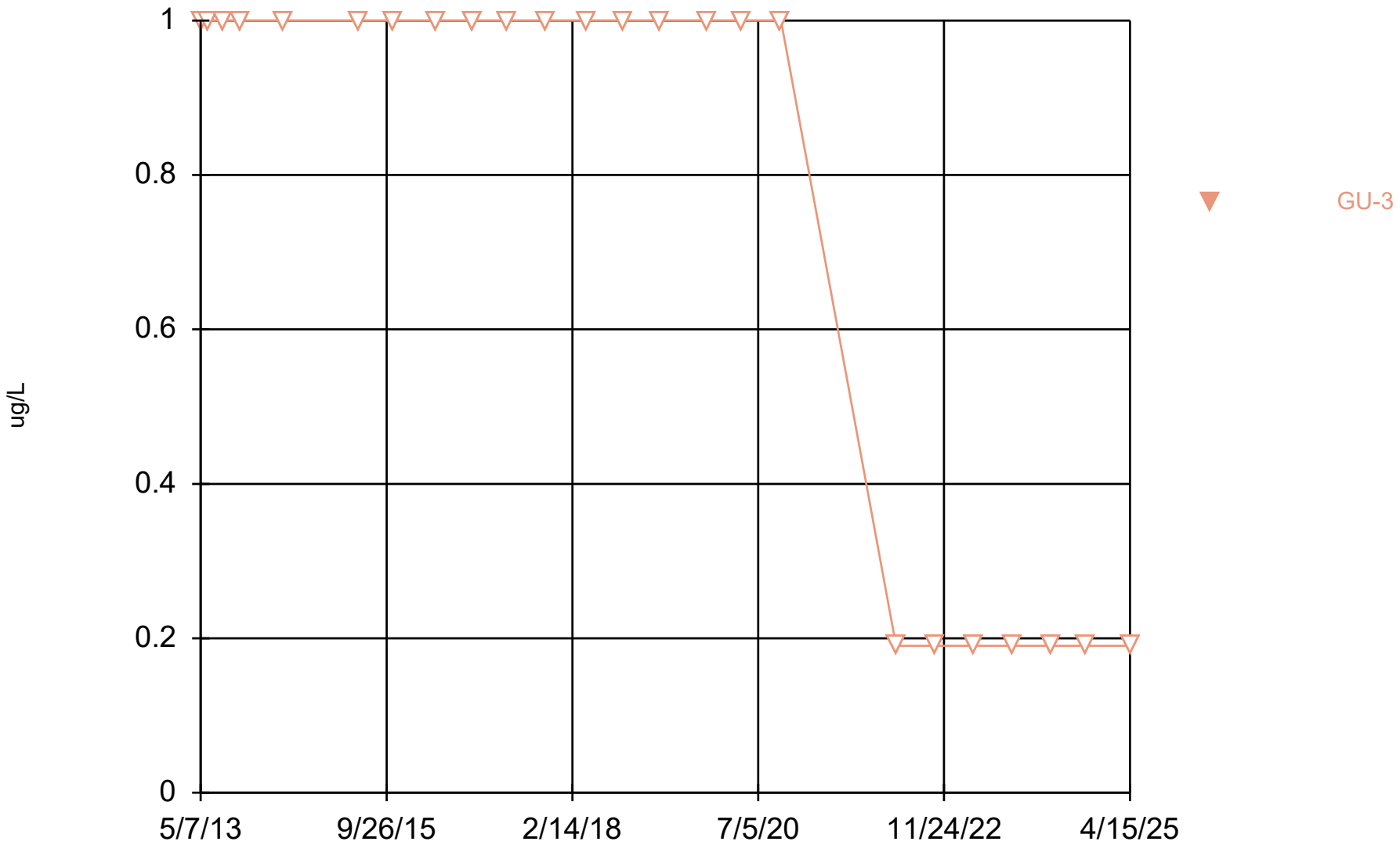
Hollow symbols indicate censored values.

Time Series



Constituent: 1,1,1-Trichloroethane Analysis Run 6/12/2025 3:49 PM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

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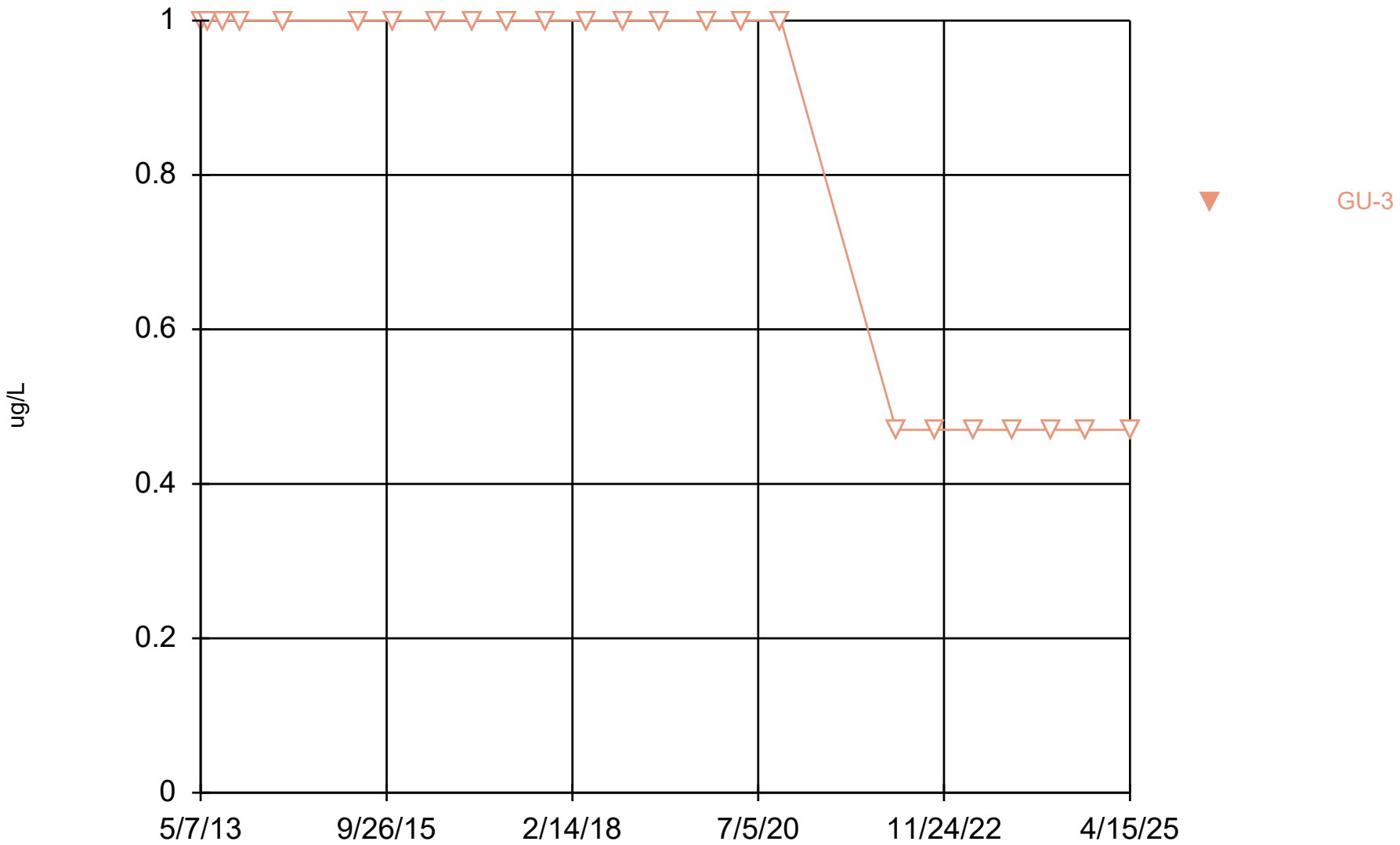
Hollow symbols indicate censored values.

Time Series



Constituent: 1,1,2,2-Tetrachloroethane Analysis Run 6/12/2025 3:49 PM View: Underdrains_Appendix I V DMASWA Data: DMASWA Database_Updated

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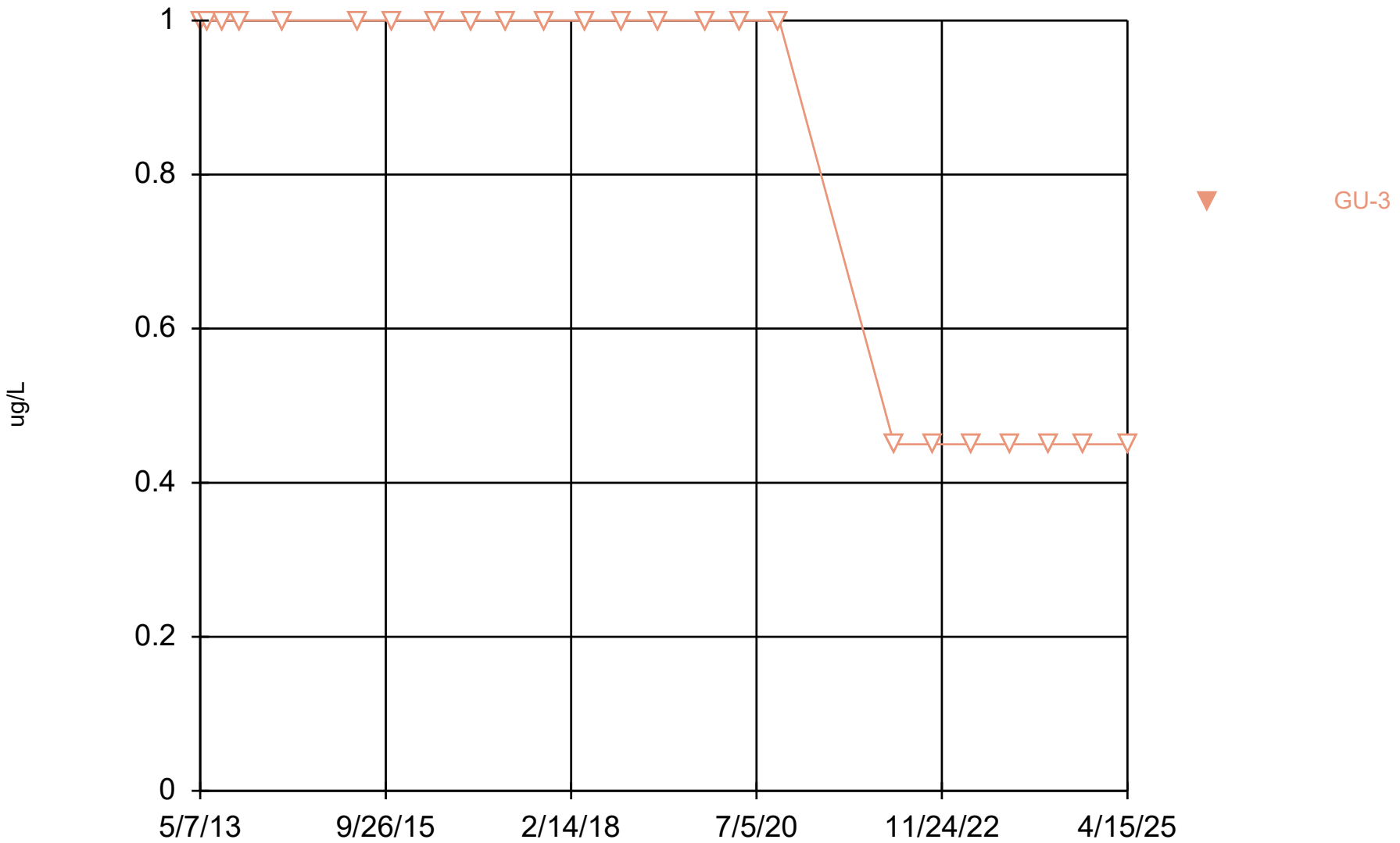
Hollow symbols indicate censored values.

Time Series



Constituent: 1,1,2-Trichloroethane Analysis Run 6/12/2025 3:49 PM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

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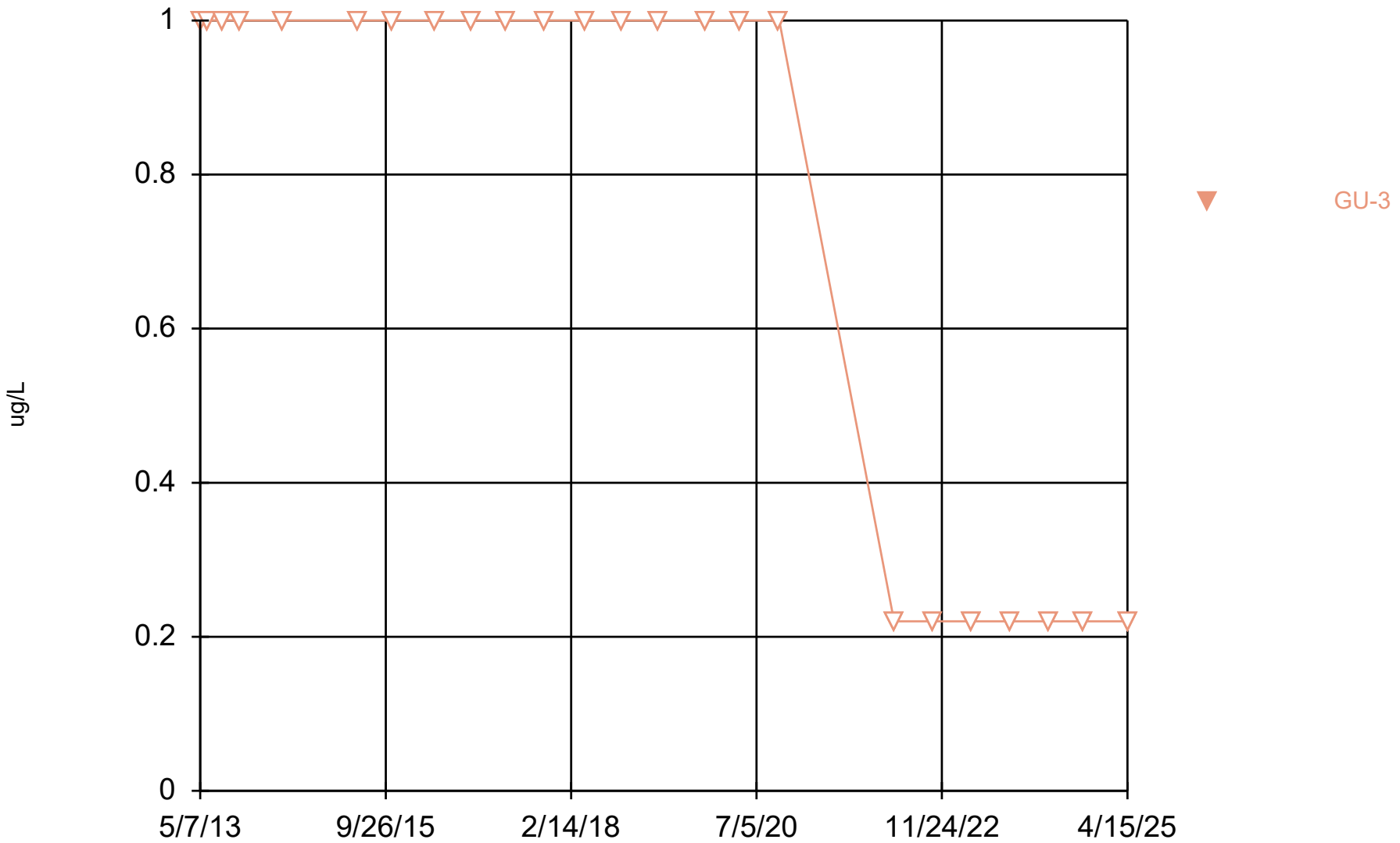
Hollow symbols indicate censored values.

Time Series



Constituent: 1,1-Dichloroethane Analysis Run 6/12/2025 3:49 PM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

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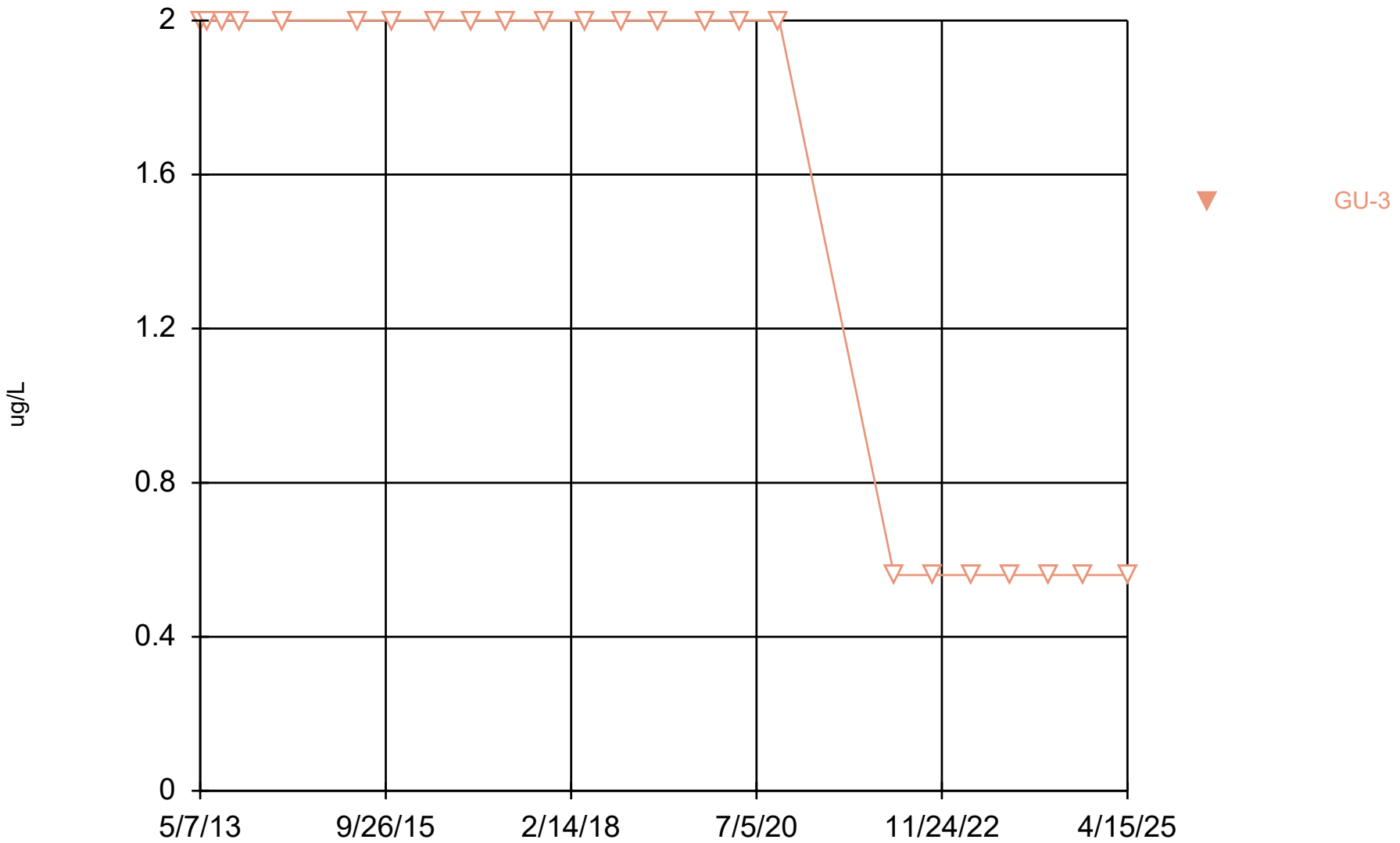
Hollow symbols indicate censored values.

Time Series



Constituent: 1,1-Dichloroethene Analysis Run 6/12/2025 3:49 PM View: Underdrains_Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

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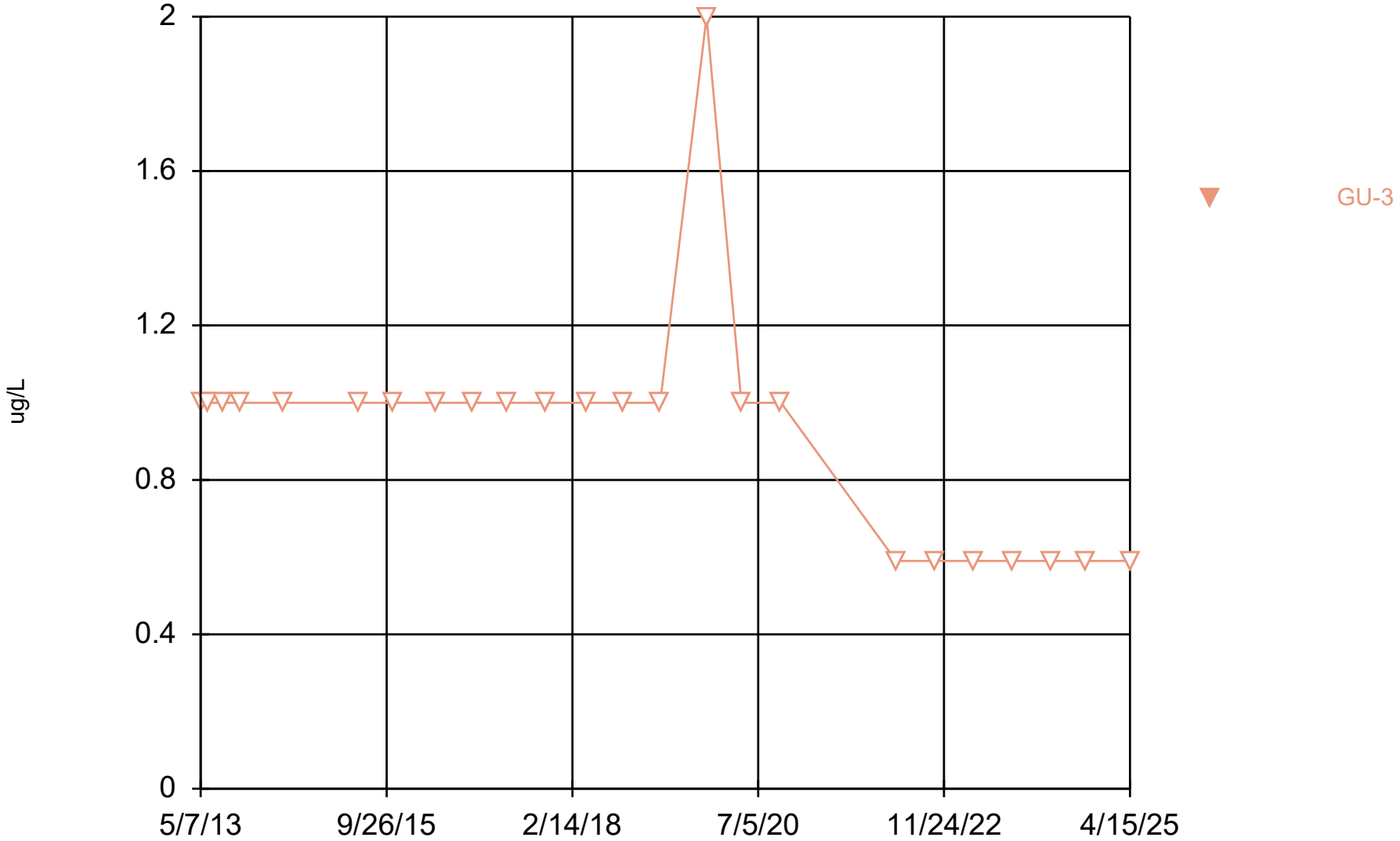
Hollow symbols indicate censored values.

Time Series



Constituent: 1,2,3-Trichloropropane Analysis Run 6/12/2025 3:49 PM View: Underdrains_Appendix I VOC DMASWA Data: DMASWA Database_Updated

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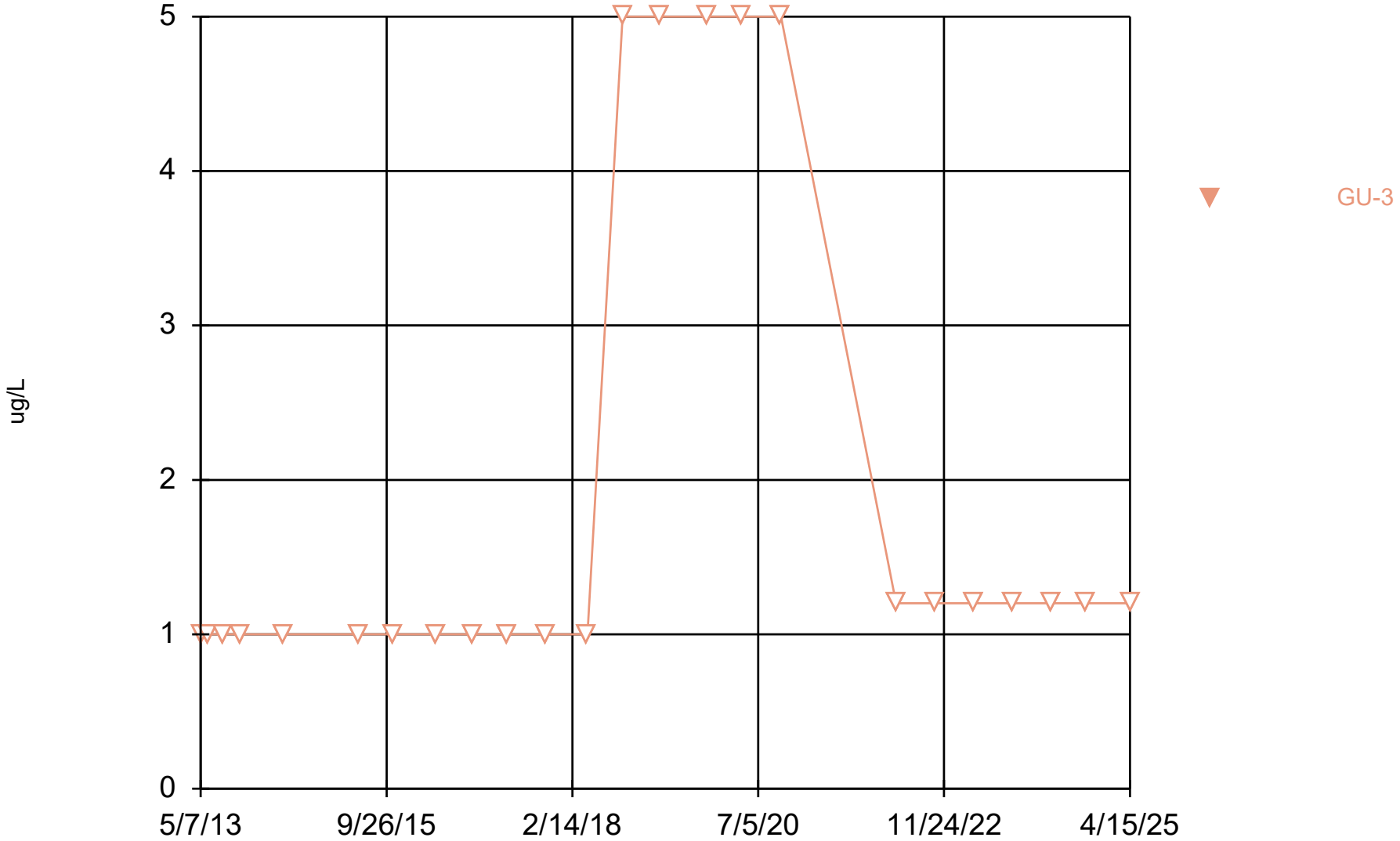
Hollow symbols indicate censored values.

Time Series



Constituent: 1,2-Dibromo-3-chloropropane Analysis Run 6/12/2025 3:49 PM View: Underdrains_Appendix DMASWA Data: DMASWA Database_Updated

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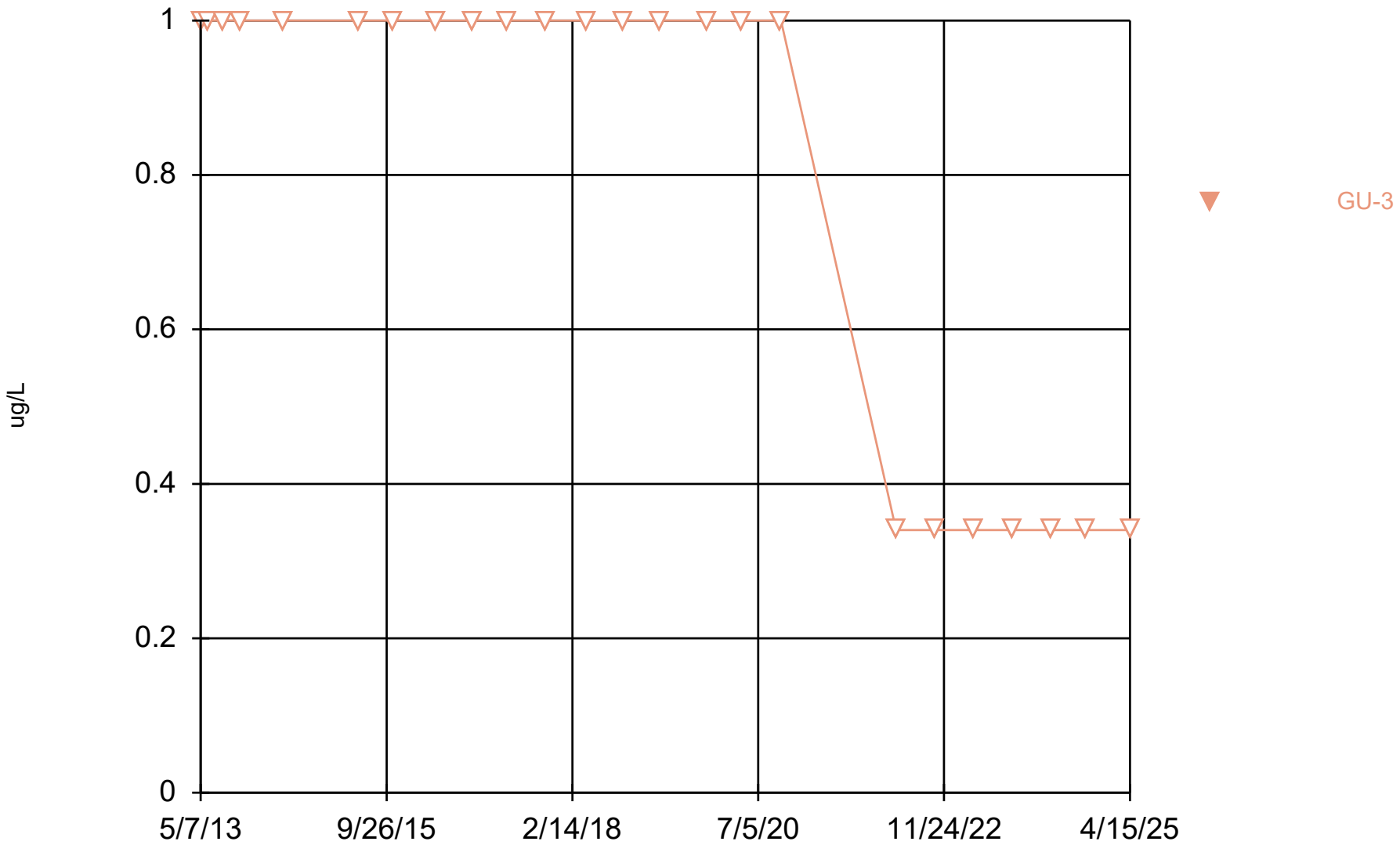
Hollow symbols indicate censored values.

Time Series



Constituent: 1,2-Dibromoethane [EDB] Analysis Run 6/12/2025 3:49 PM View: Underdrains_Appendix I V DMASWA Data: DMASWA Database_Updated

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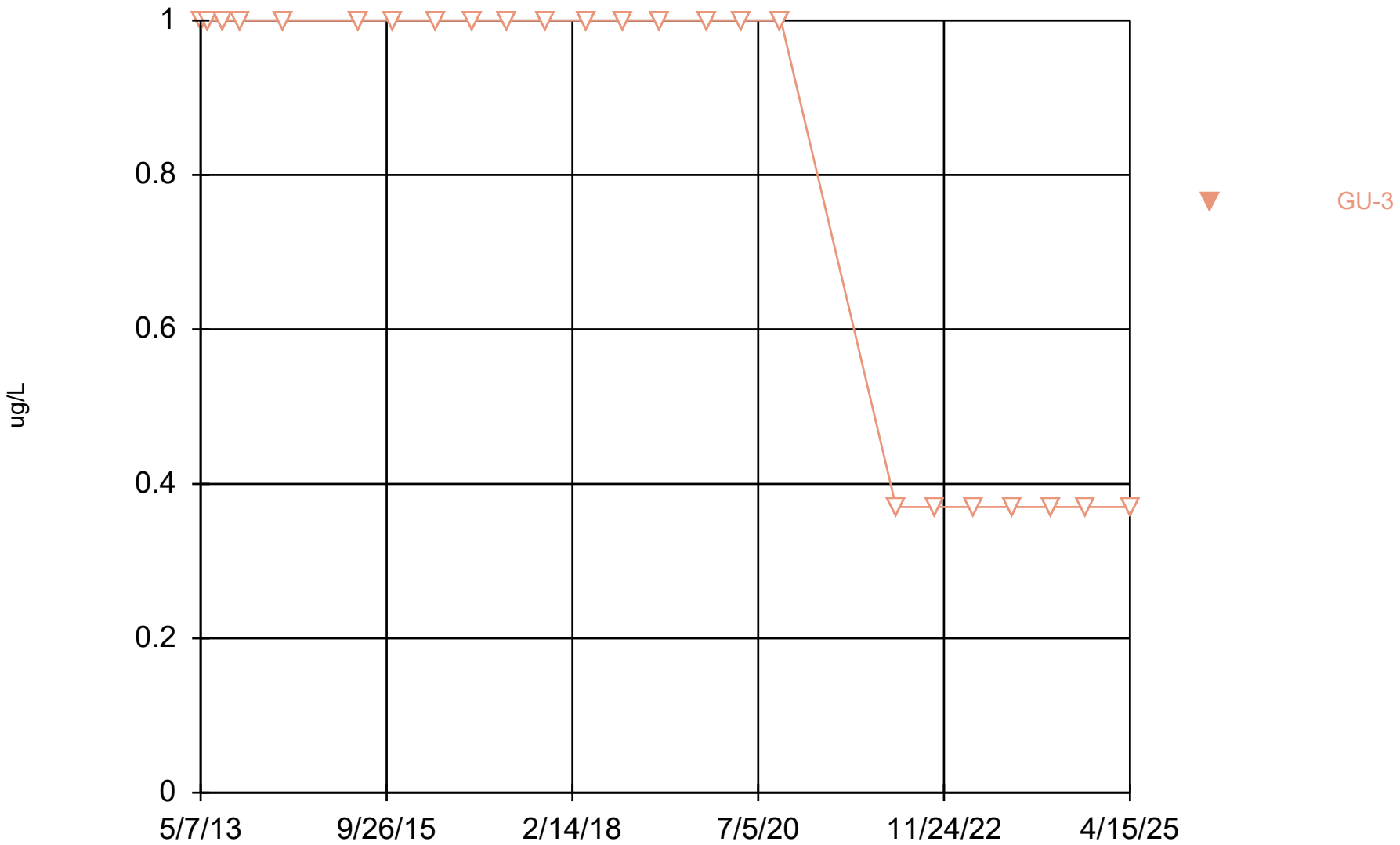
Hollow symbols indicate censored values.

Time Series



Constituent: 1,2-Dichlorobenzene Analysis Run 6/12/2025 3:49 PM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

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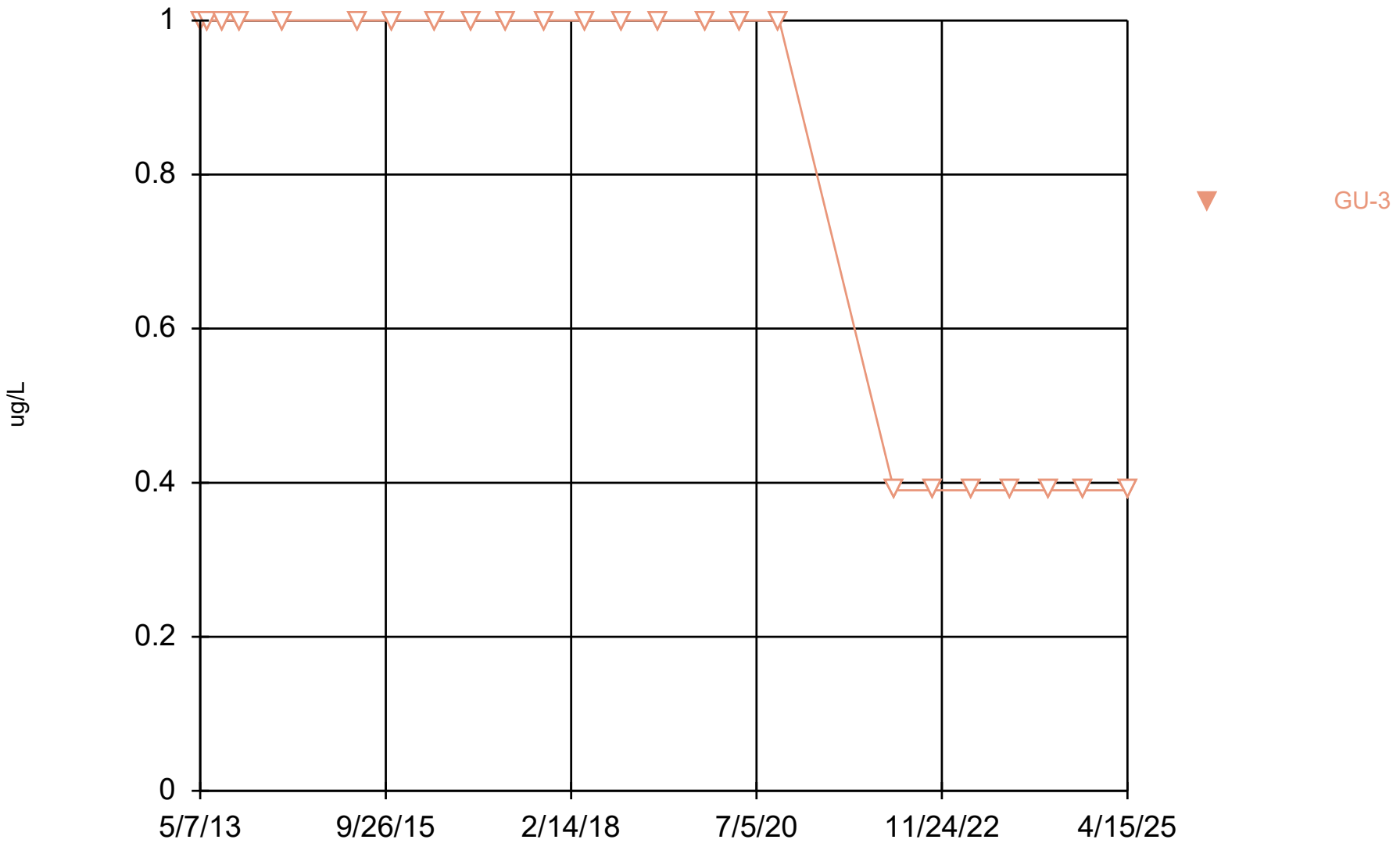
Hollow symbols indicate censored values.

Time Series



Constituent: 1,2-Dichloroethane Analysis Run 6/12/2025 3:49 PM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

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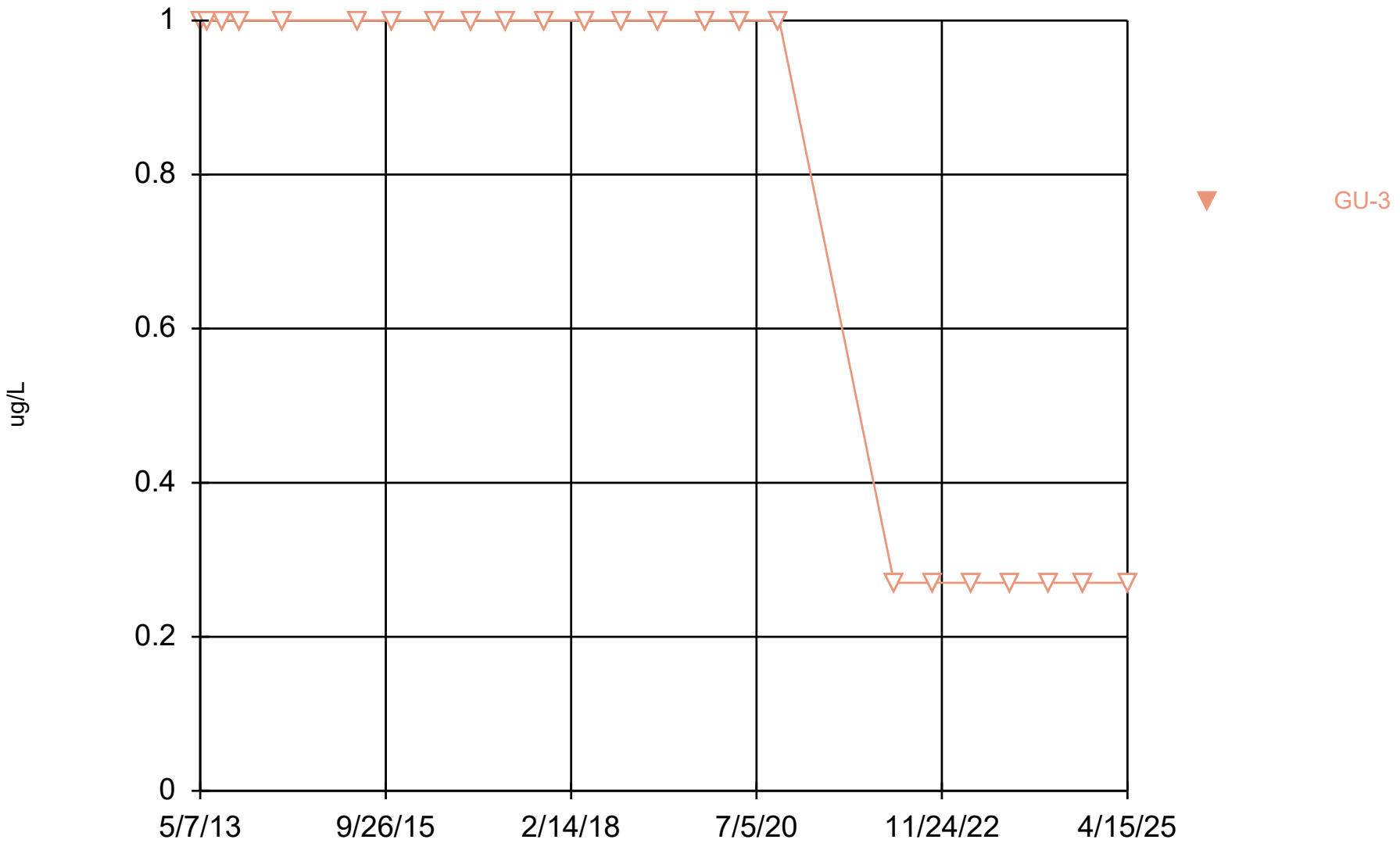
Hollow symbols indicate censored values.

Time Series



Constituent: 1,2-Dichloropropane Analysis Run 6/12/2025 3:49 PM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

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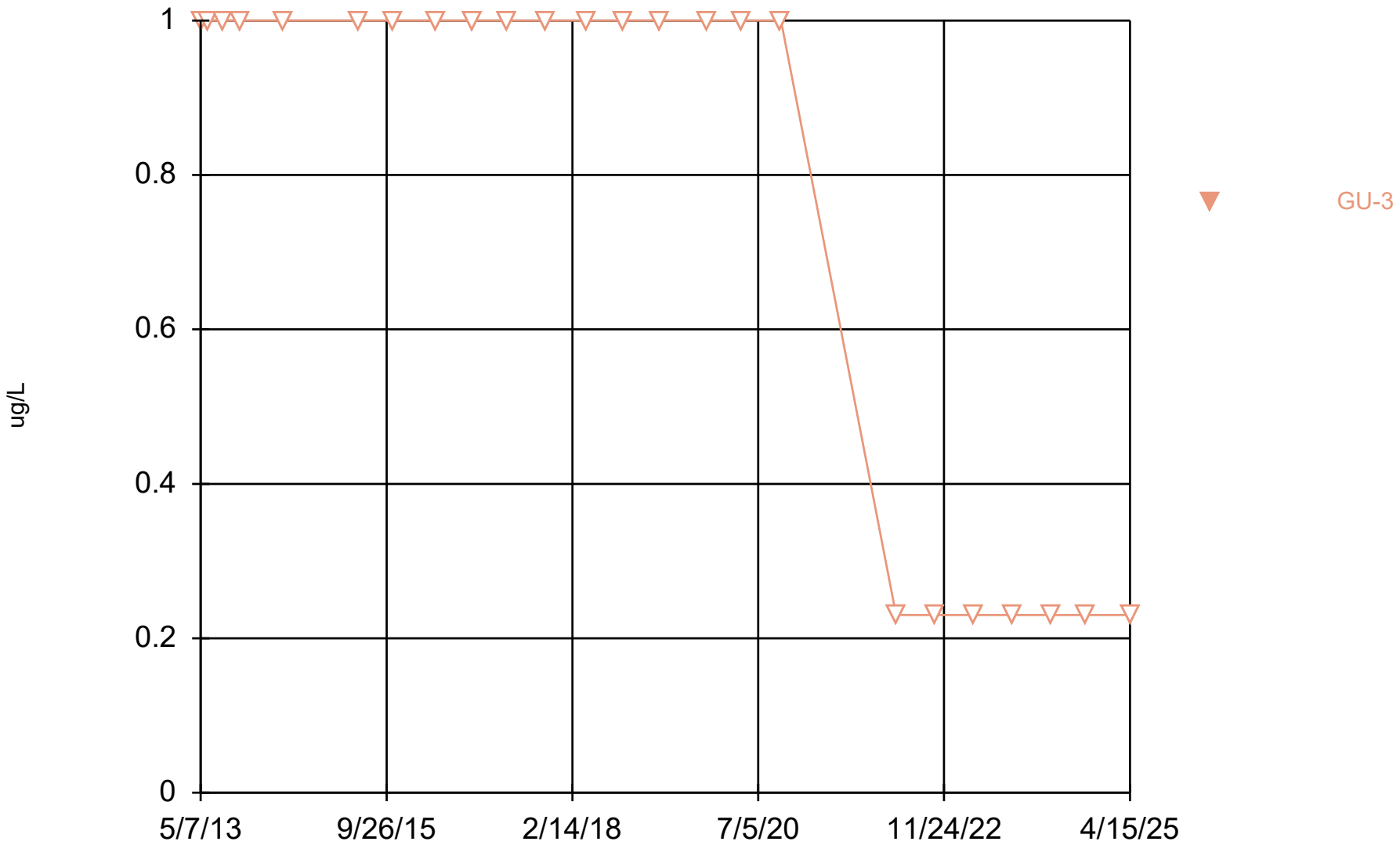
Hollow symbols indicate censored values.

Time Series



Constituent: 1,4-Dichlorobenzene Analysis Run 6/12/2025 3:49 PM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

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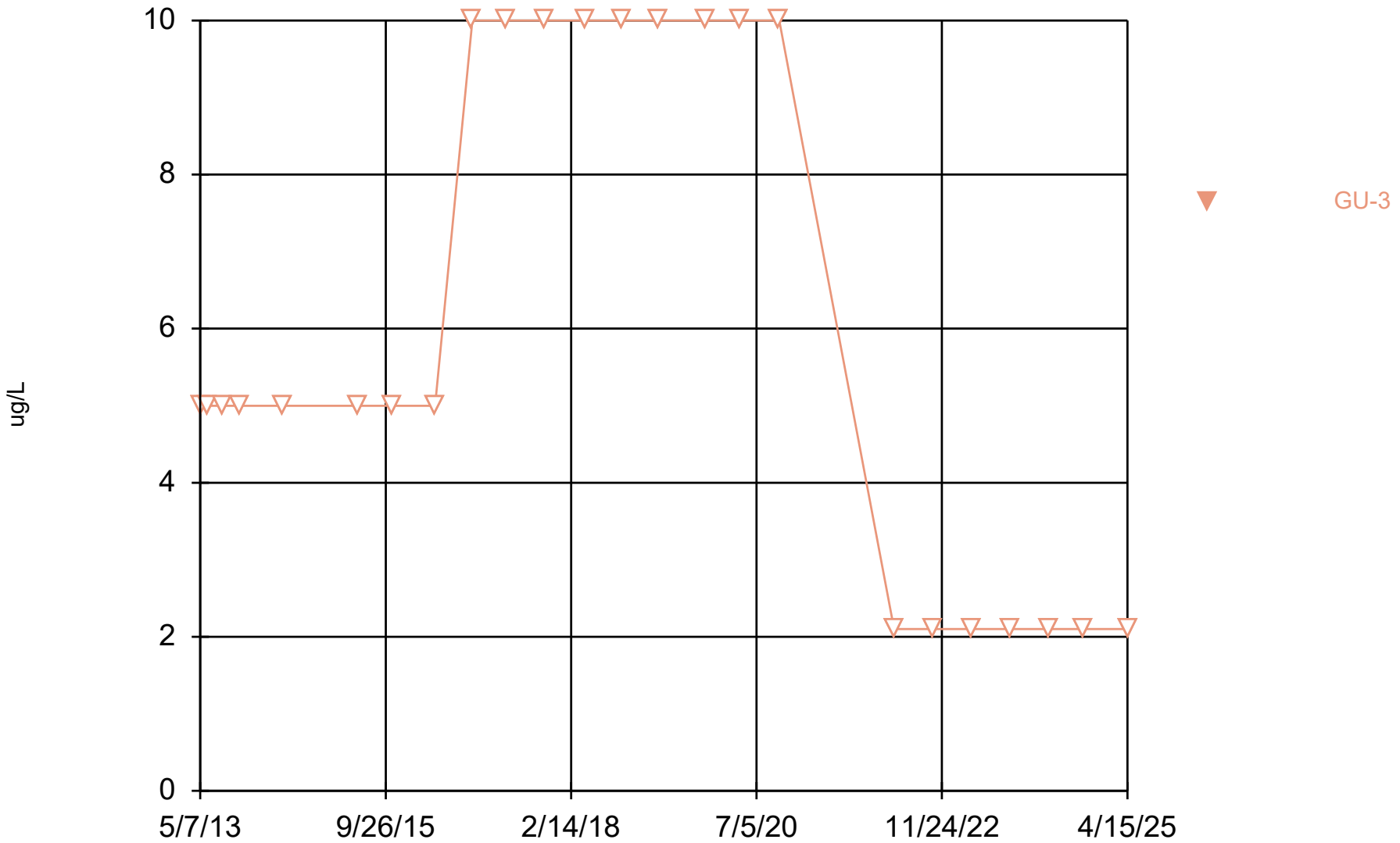
Hollow symbols indicate censored values.

Time Series



Constituent: 2-Butanone [MEK] Analysis Run 6/12/2025 3:49 PM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

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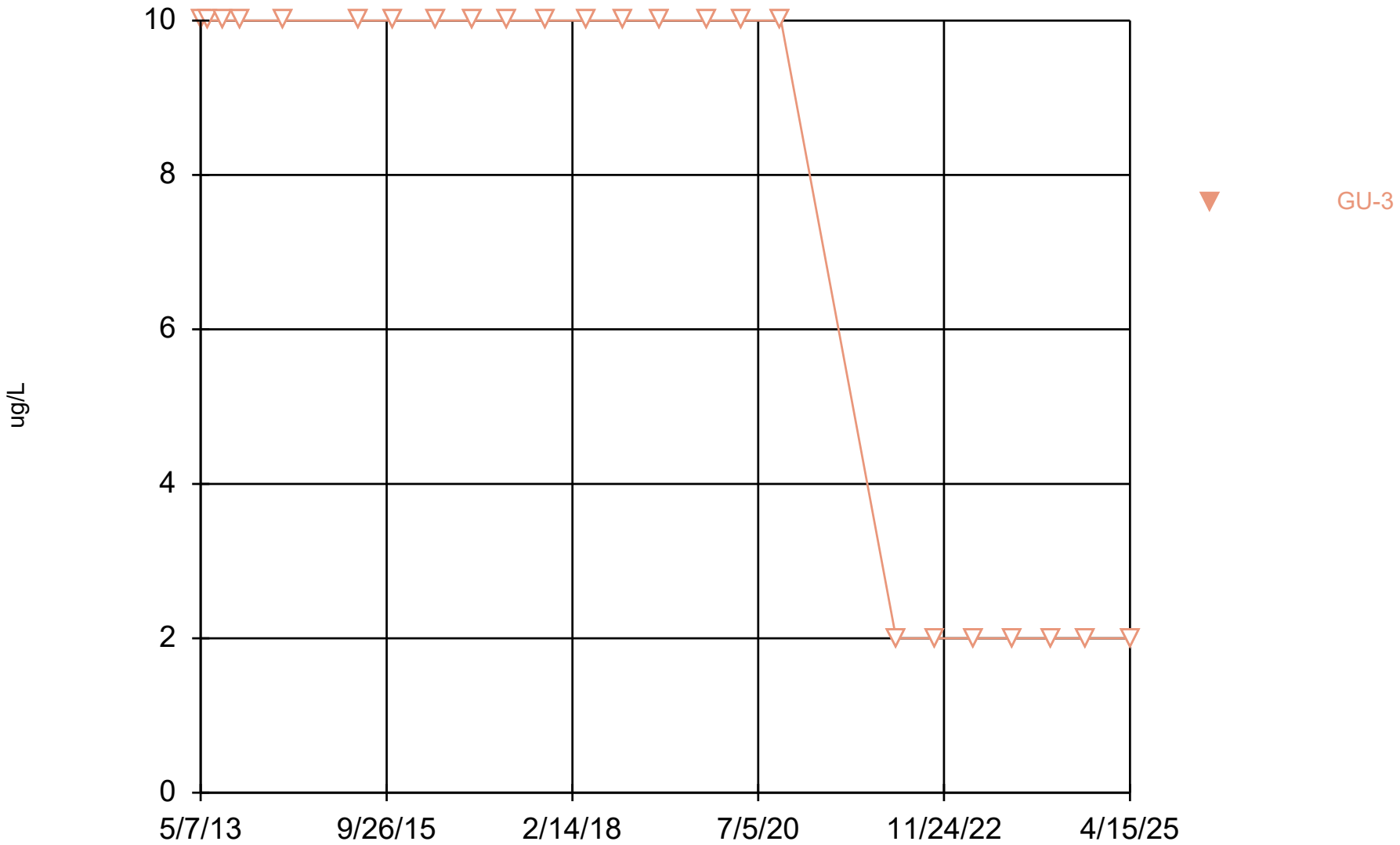
Hollow symbols indicate censored values.

Time Series



Constituent: 2-Hexanone Analysis Run 6/12/2025 3:49 PM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

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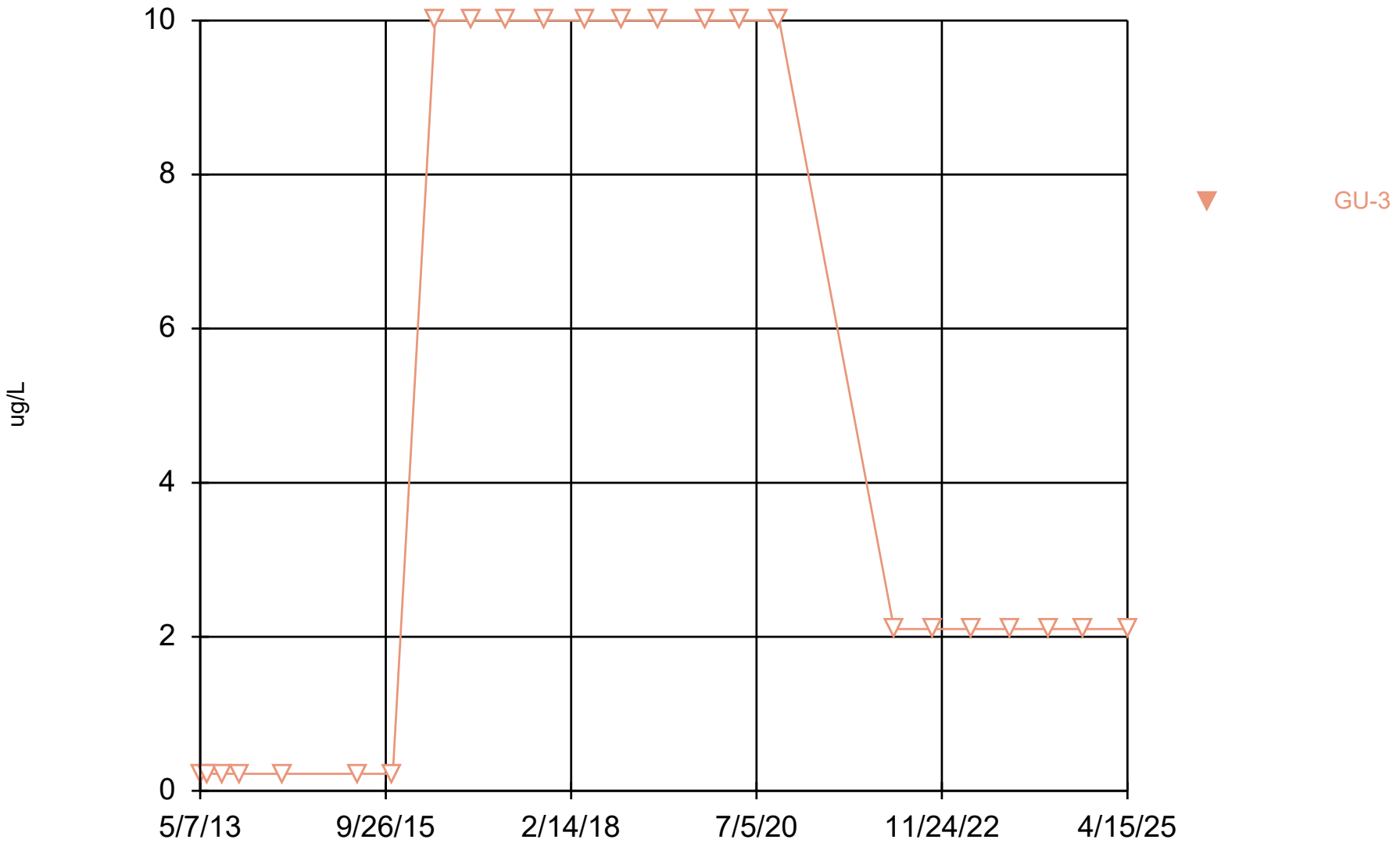
Hollow symbols indicate censored values.

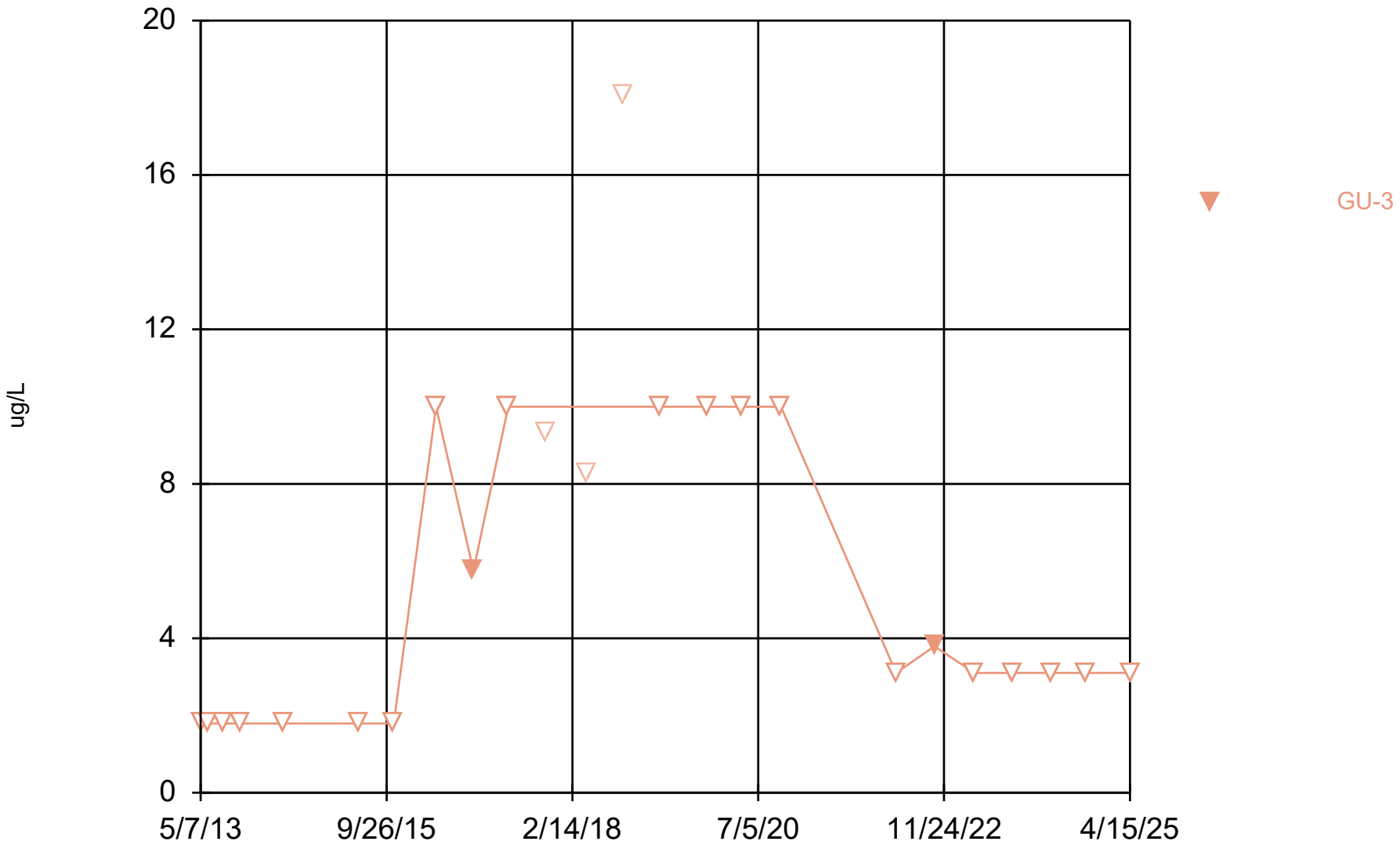
Time Series



Constituent: 4-Methyl-2-pentanone Analysis Run 6/12/2025 3:49 PM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

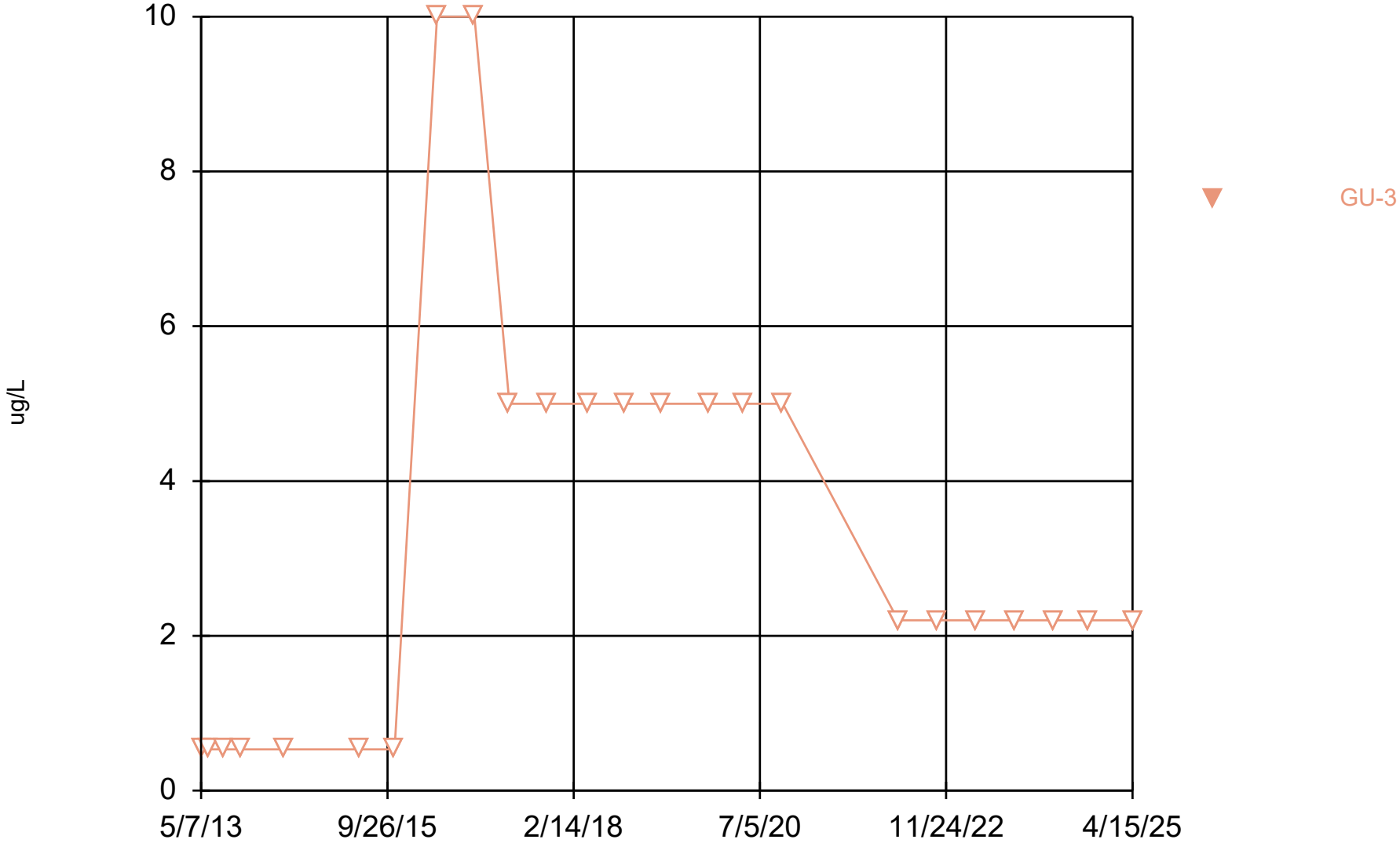
Time Series



Constituent: Acetone Analysis Run 6/12/2025 3:49 PM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

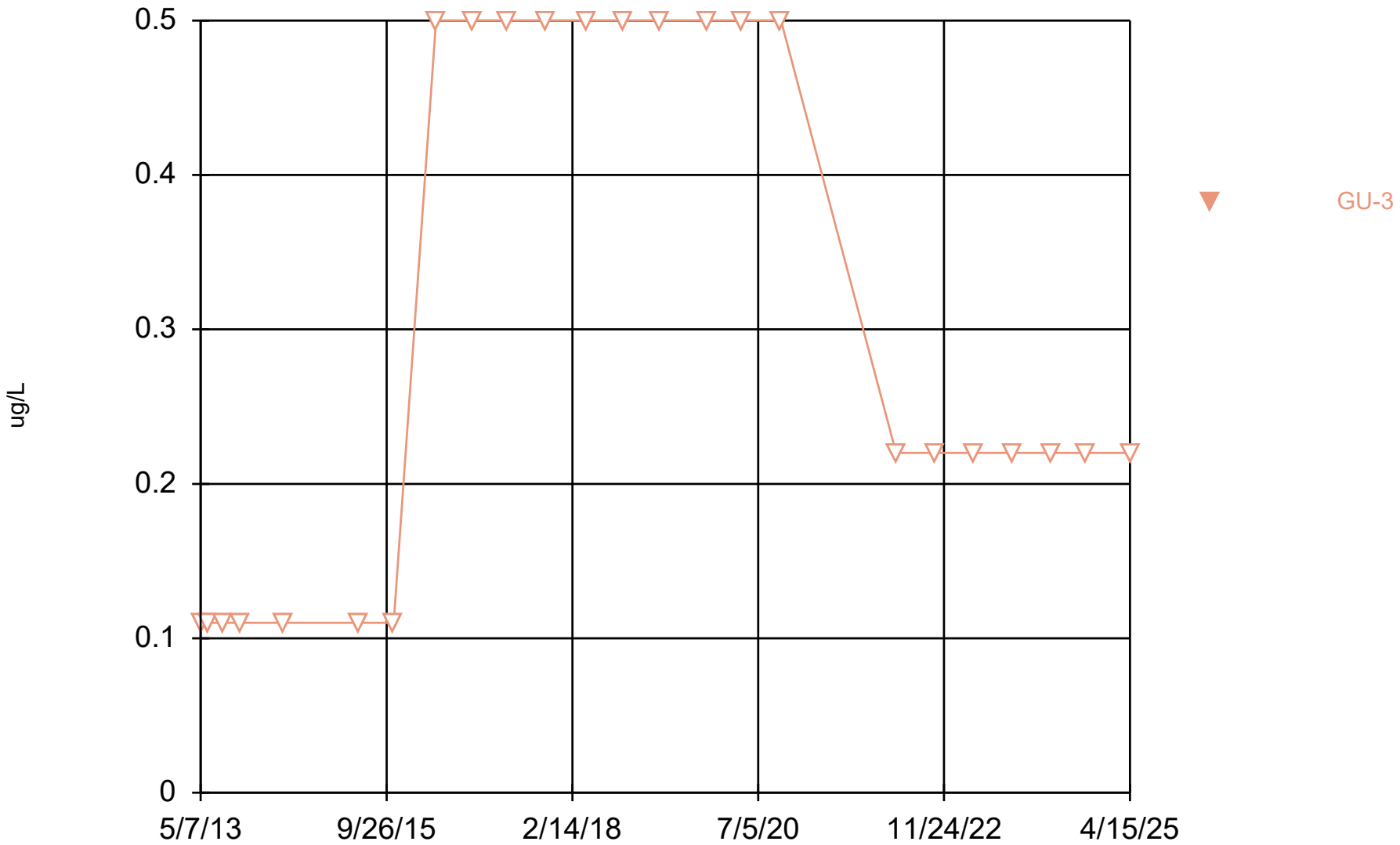
Time Series



Constituent: Acrylonitrile Analysis Run 6/12/2025 3:49 PM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

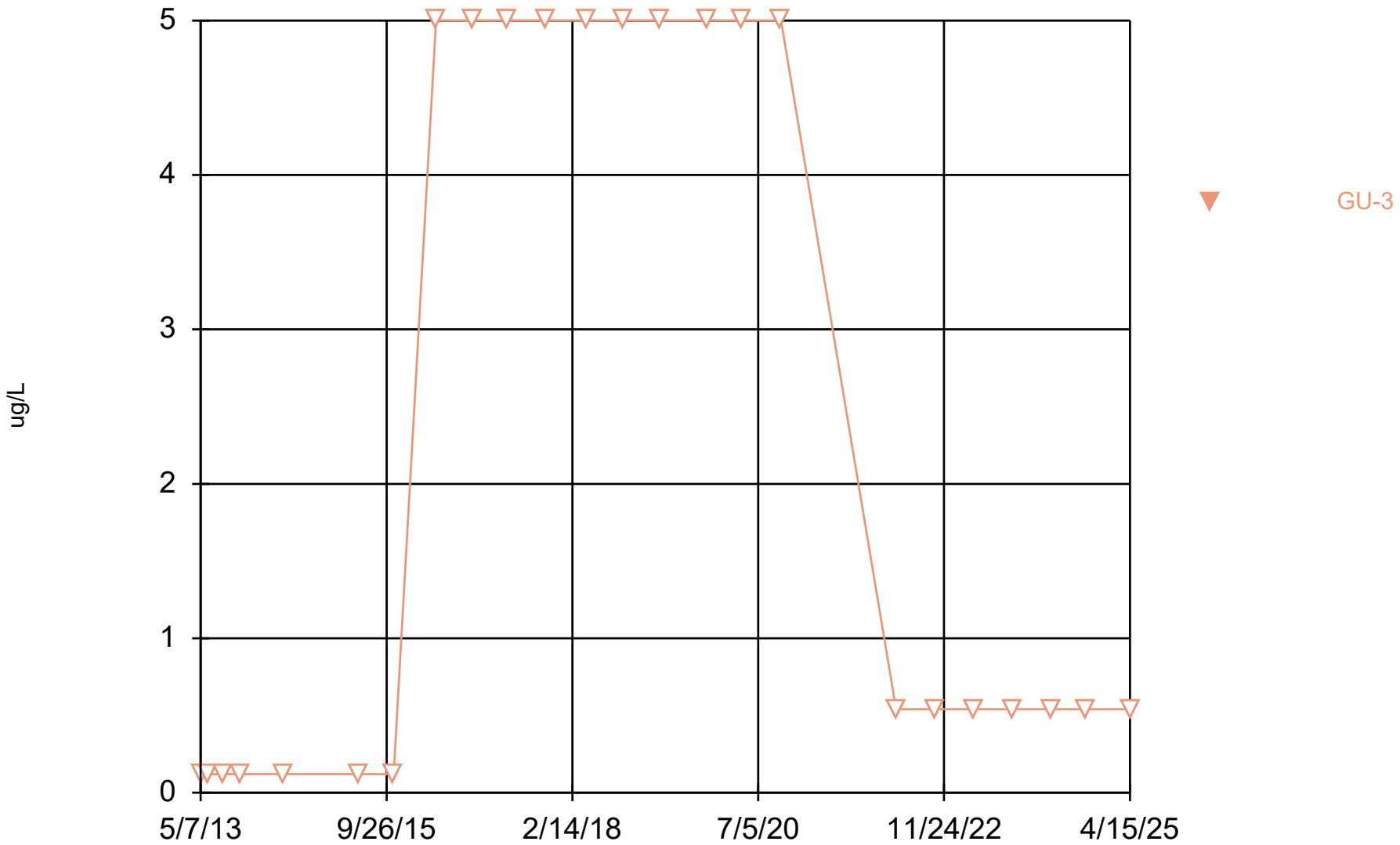
Time Series



Constituent: Benzene Analysis Run 6/12/2025 3:49 PM View: Underdrains_Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

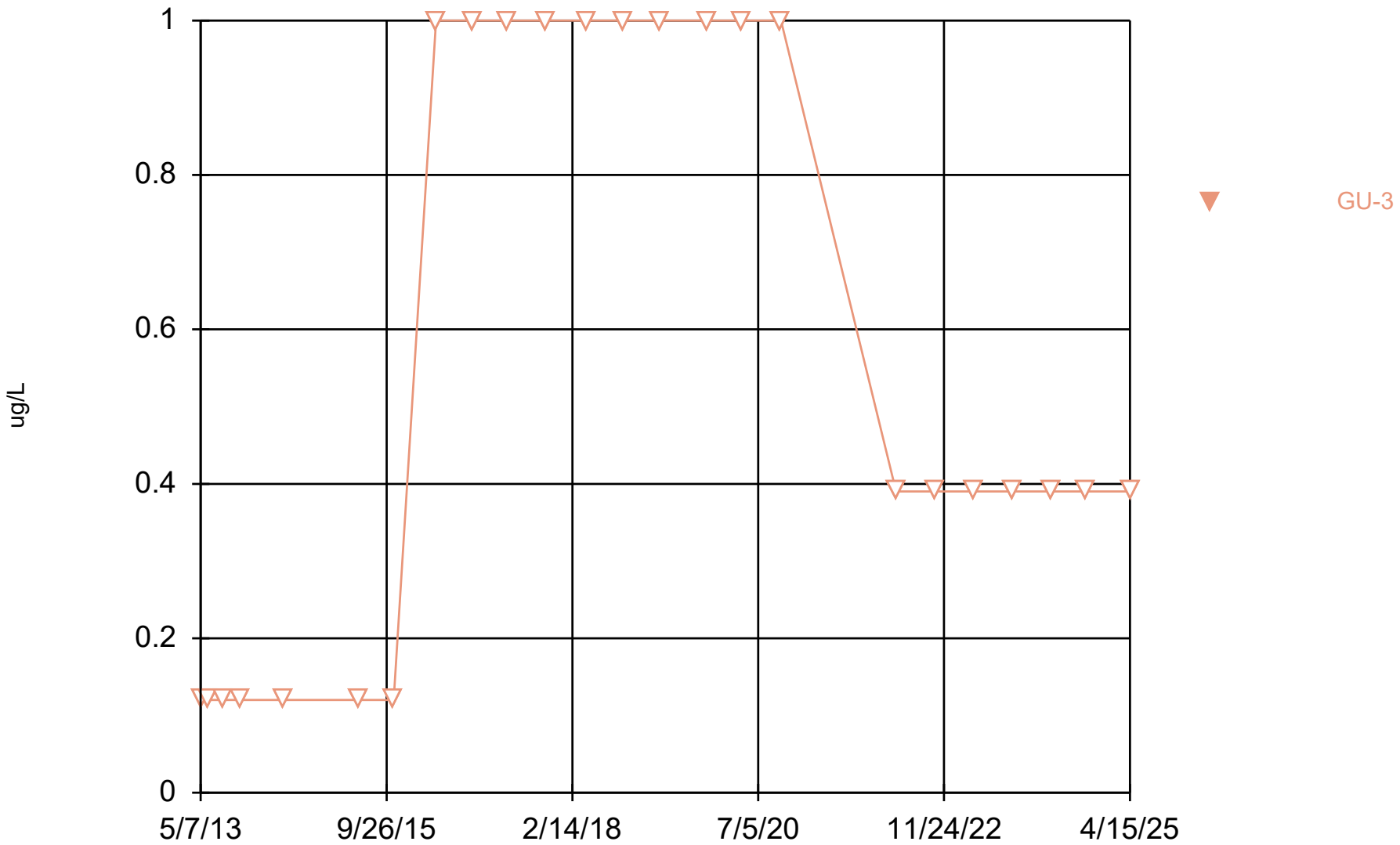
Time Series



Constituent: Bromochloromethane Analysis Run 6/12/2025 3:49 PM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

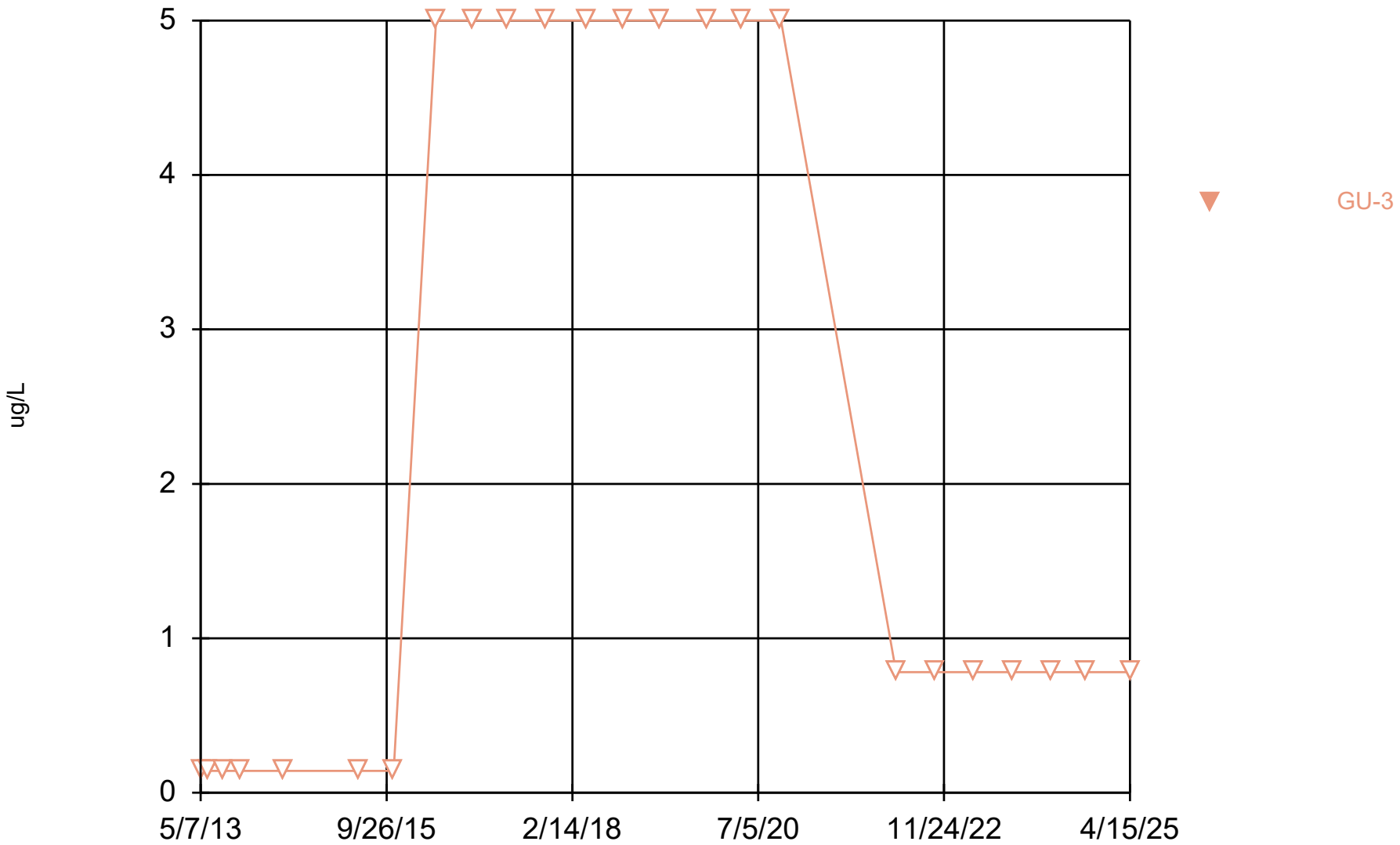
Time Series



Constituent: Bromodichloromethane Analysis Run 6/12/2025 3:49 PM View: Underdrains_Appendix I VOC DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

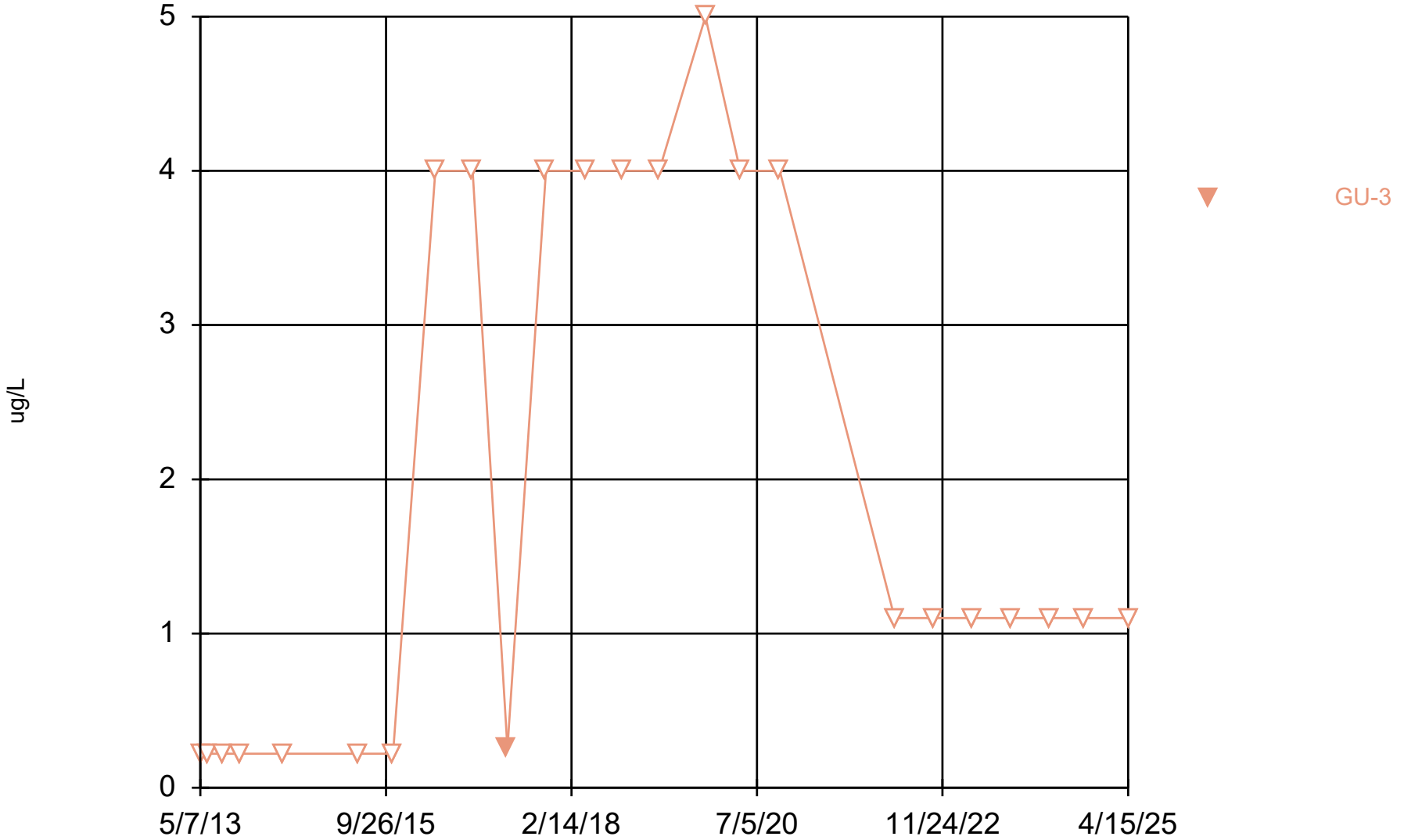
Time Series



Constituent: Bromoform Analysis Run 6/12/2025 3:49 PM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

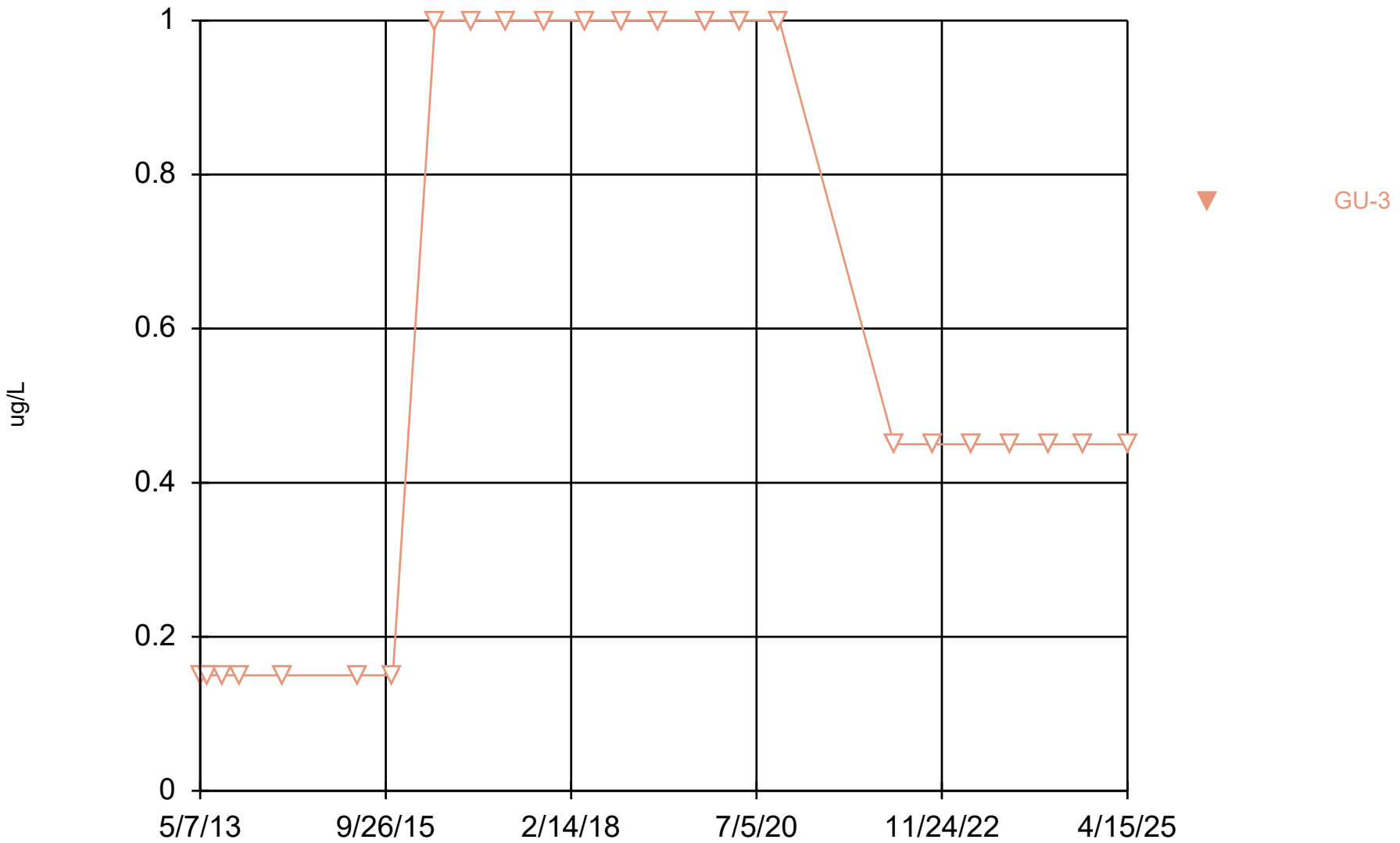
Time Series



Constituent: Bromomethane Analysis Run 6/12/2025 3:49 PM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

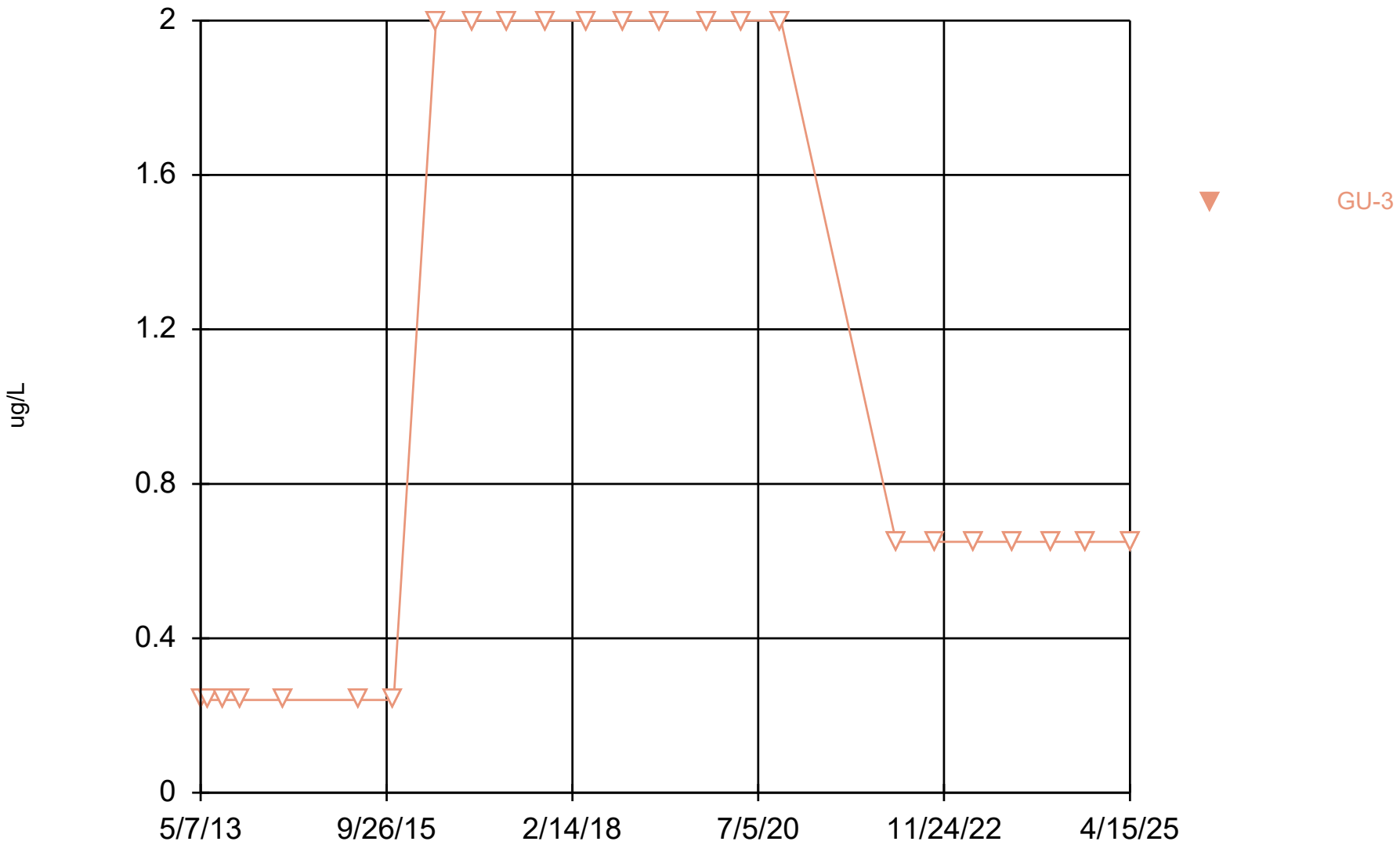
Time Series



Constituent: Carbon disulfide Analysis Run 6/12/2025 3:49 PM View: Underdrains_Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

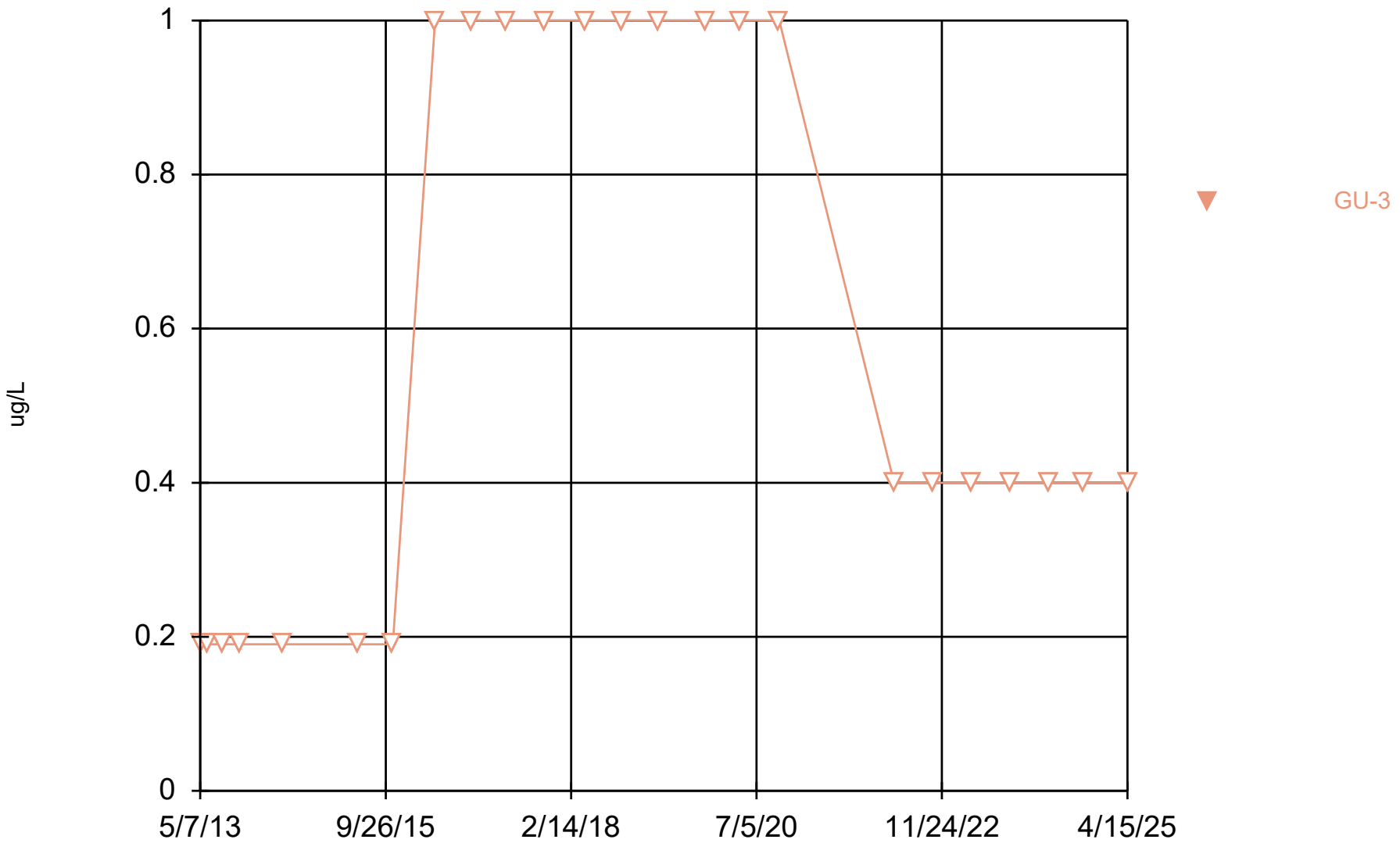
Time Series



Constituent: Carbon Tetrachloride Analysis Run 6/12/2025 3:49 PM View: Underdrains_Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

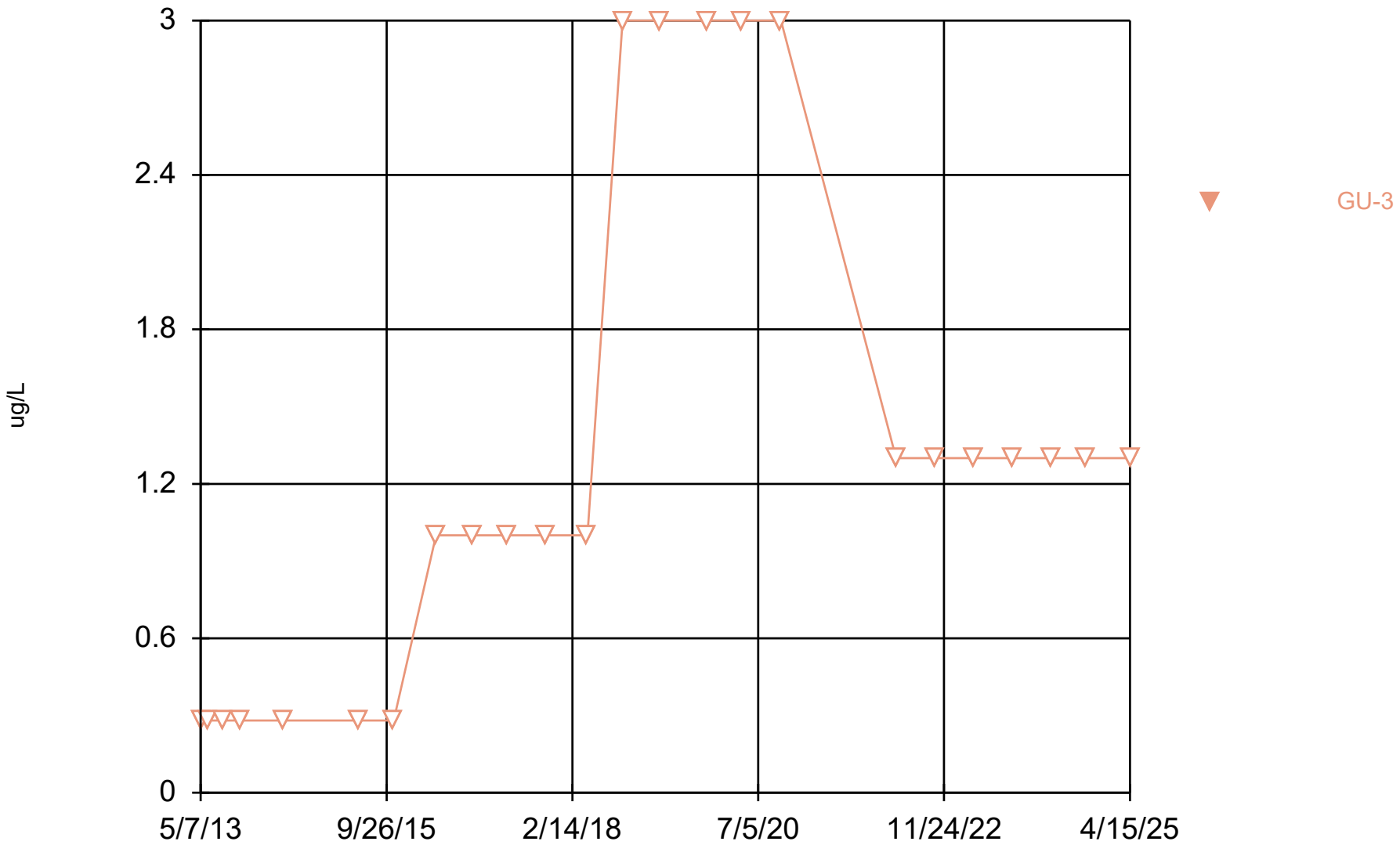
Time Series



Constituent: Chlorobenzene Analysis Run 6/12/2025 3:49 PM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

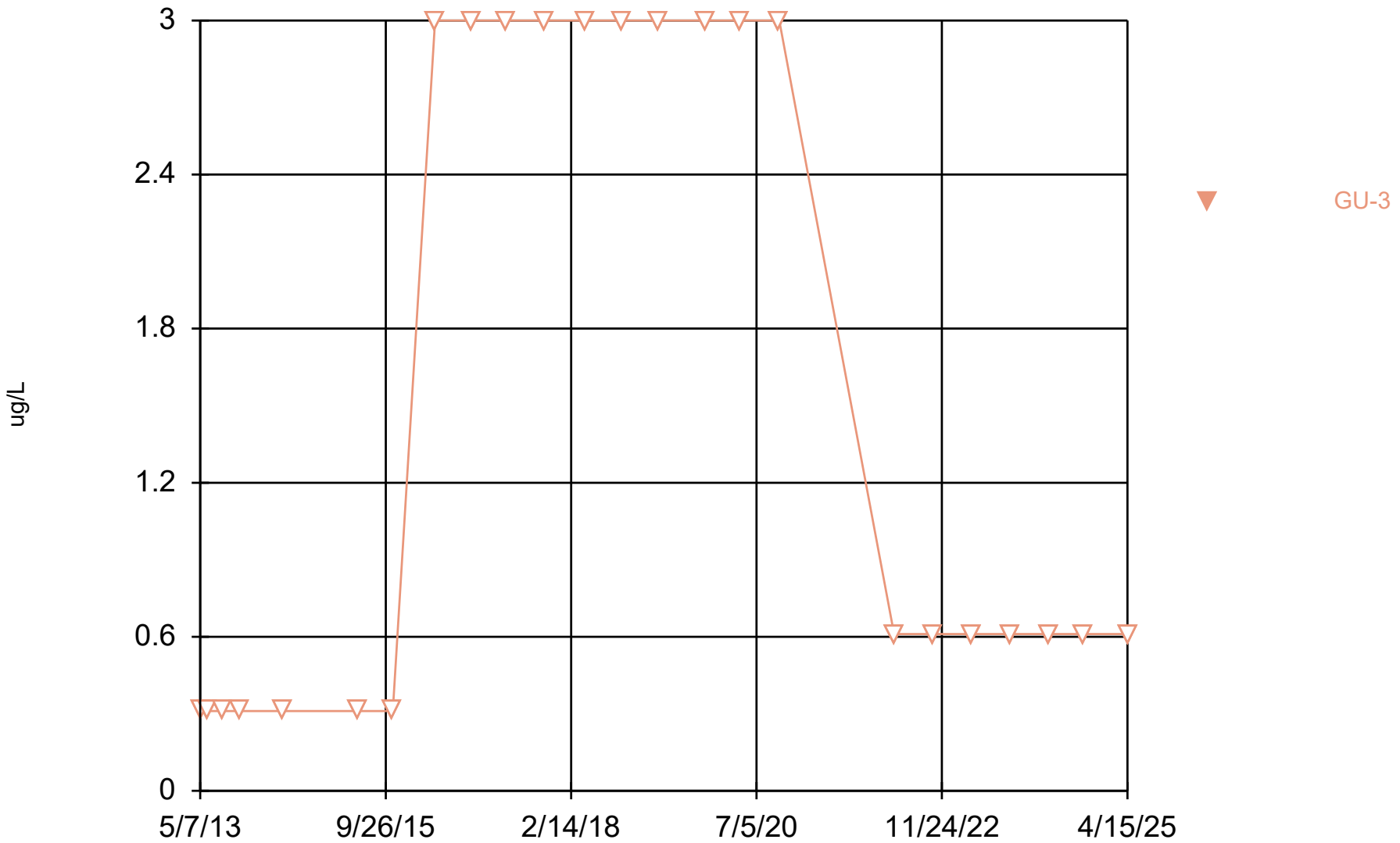
Time Series



Constituent: Chloroform Analysis Run 6/12/2025 3:49 PM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

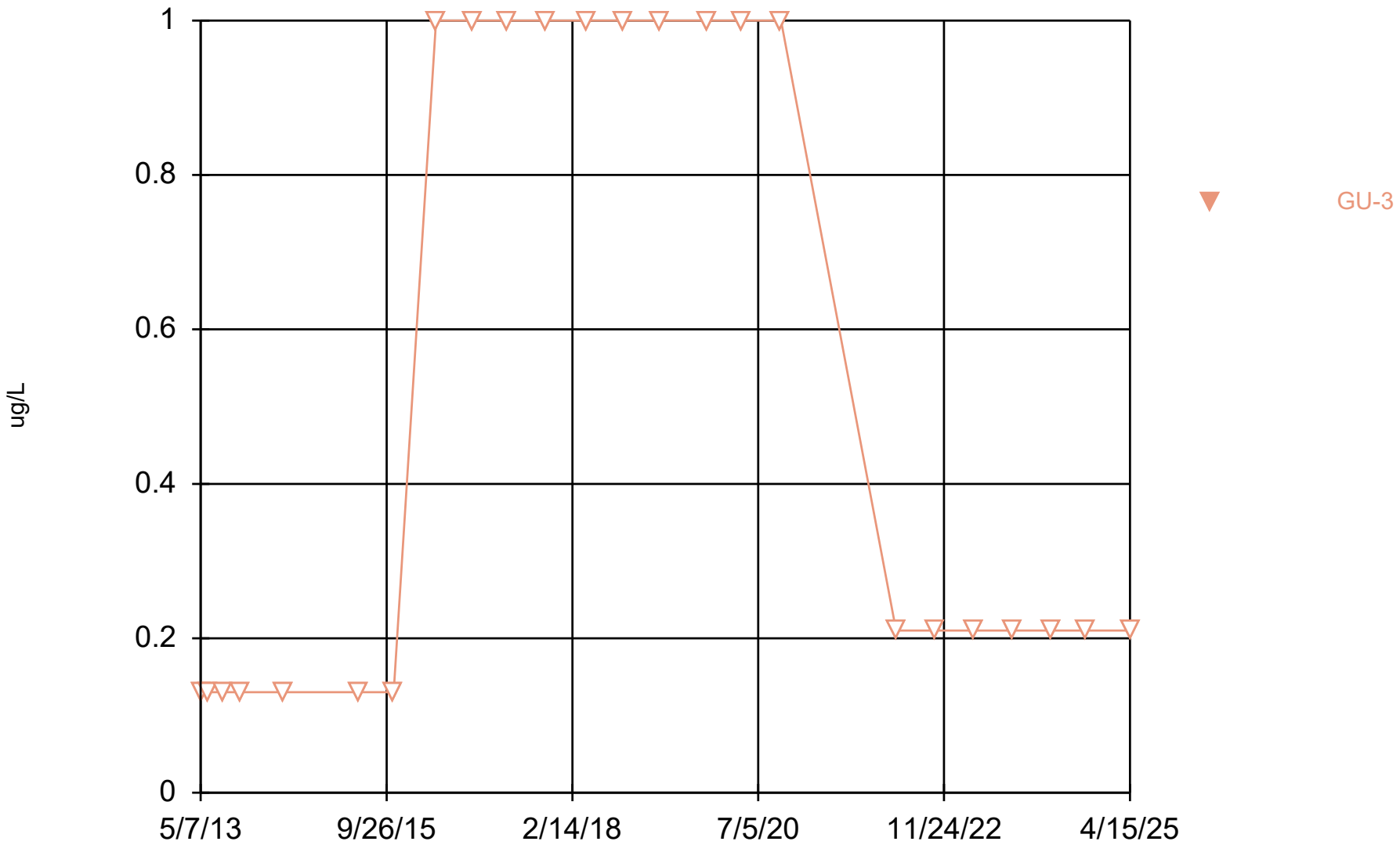
Time Series



Constituent: Chloromethane Analysis Run 6/12/2025 3:49 PM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

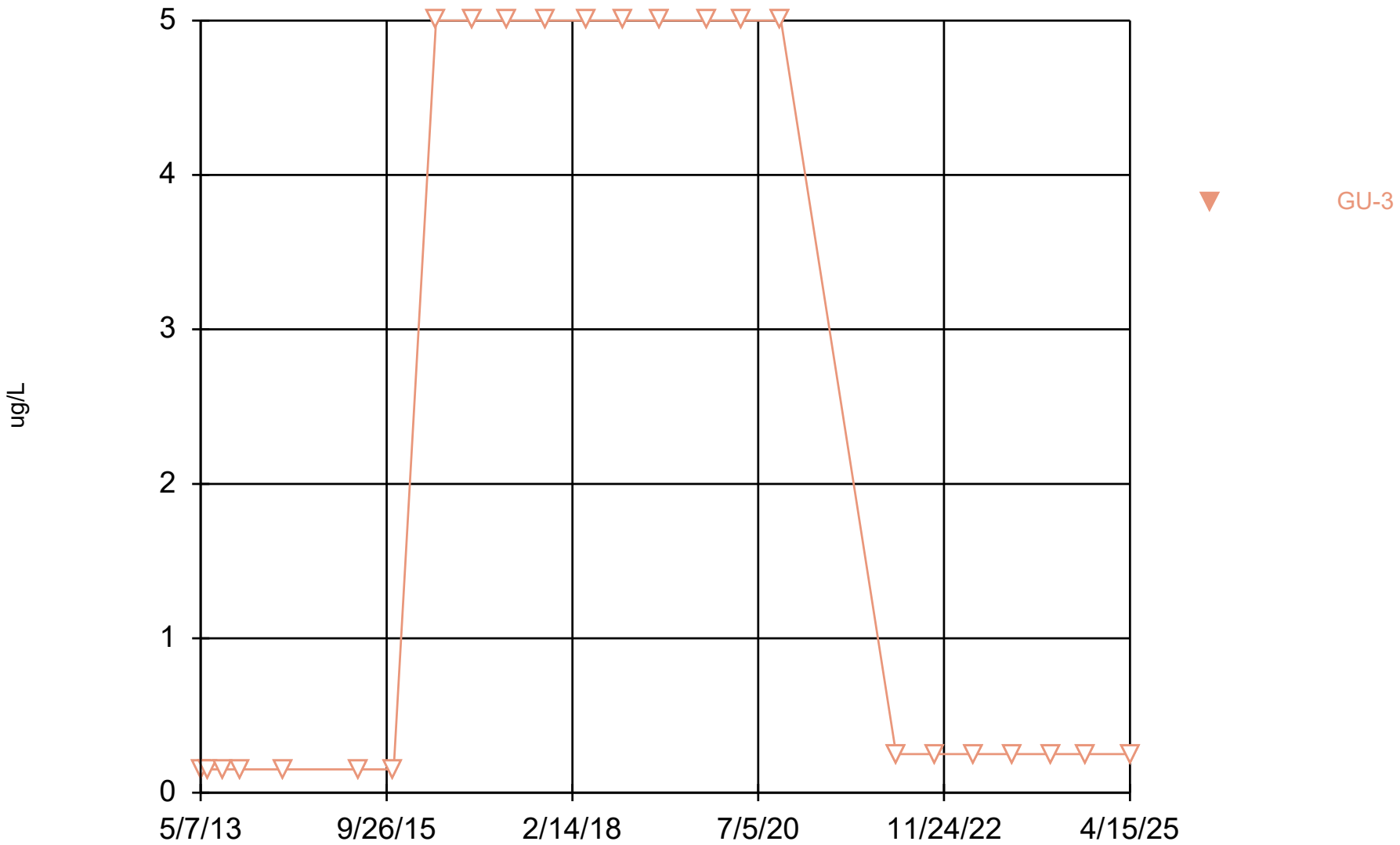
Time Series



Constituent: cis-1,2-Dichloroethene Analysis Run 6/12/2025 3:49 PM View: Underdrains_Appendix I VOC DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

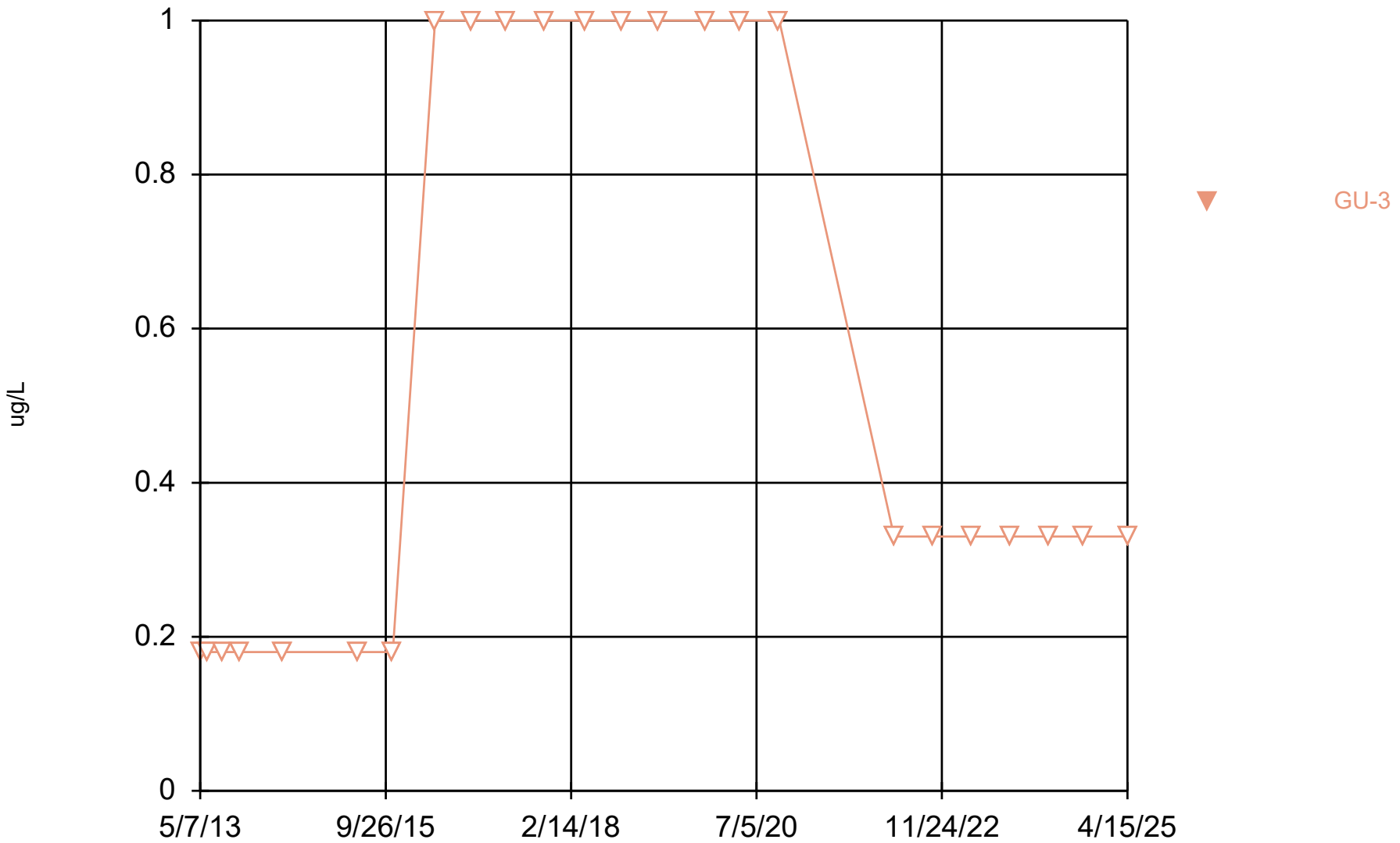
Time Series



Constituent: cis-1,3-Dichloropropene Analysis Run 6/12/2025 3:49 PM View: Underdrains_Appendix I VOC DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

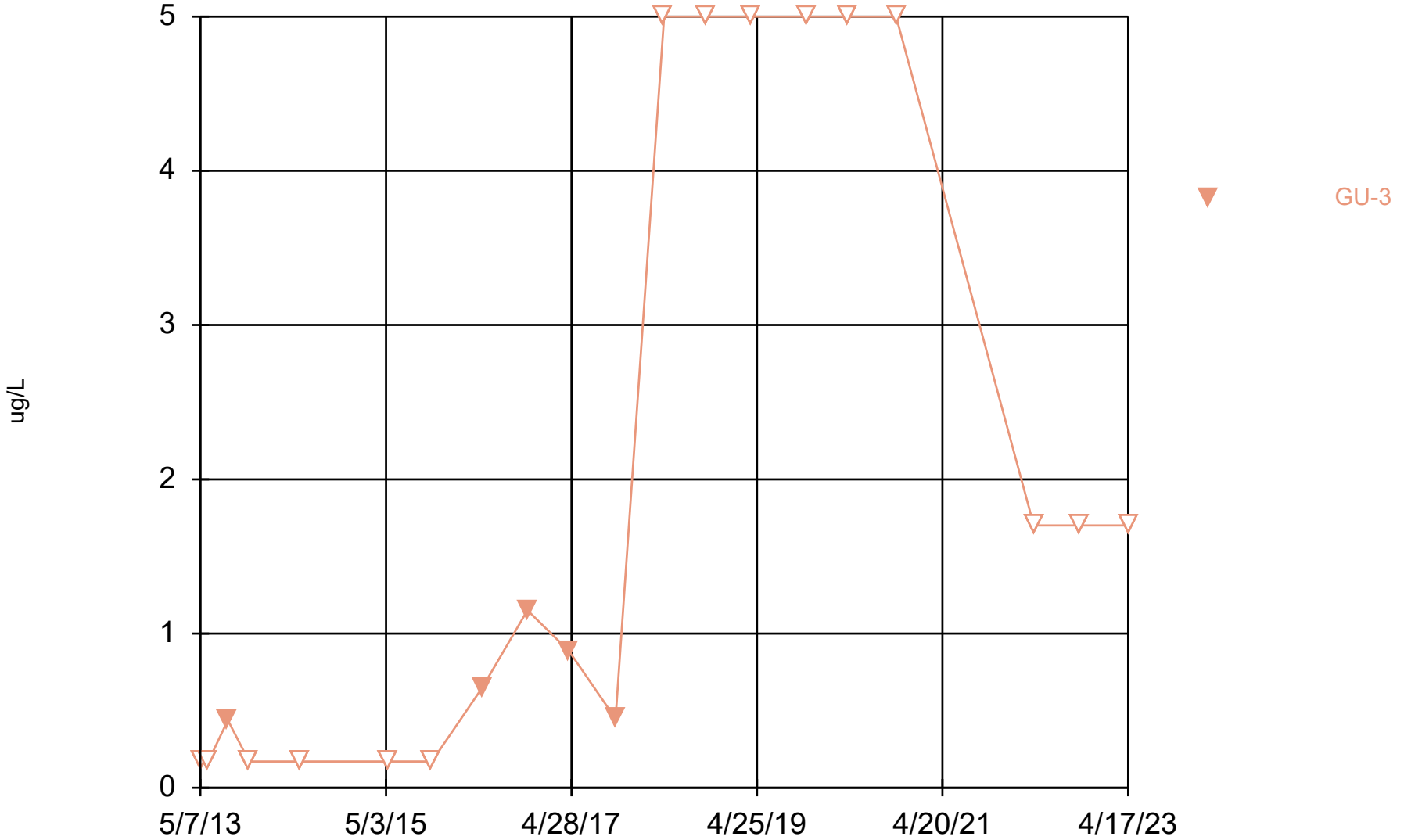
Time Series



Constituent: Dibromomethane Analysis Run 6/12/2025 3:49 PM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series

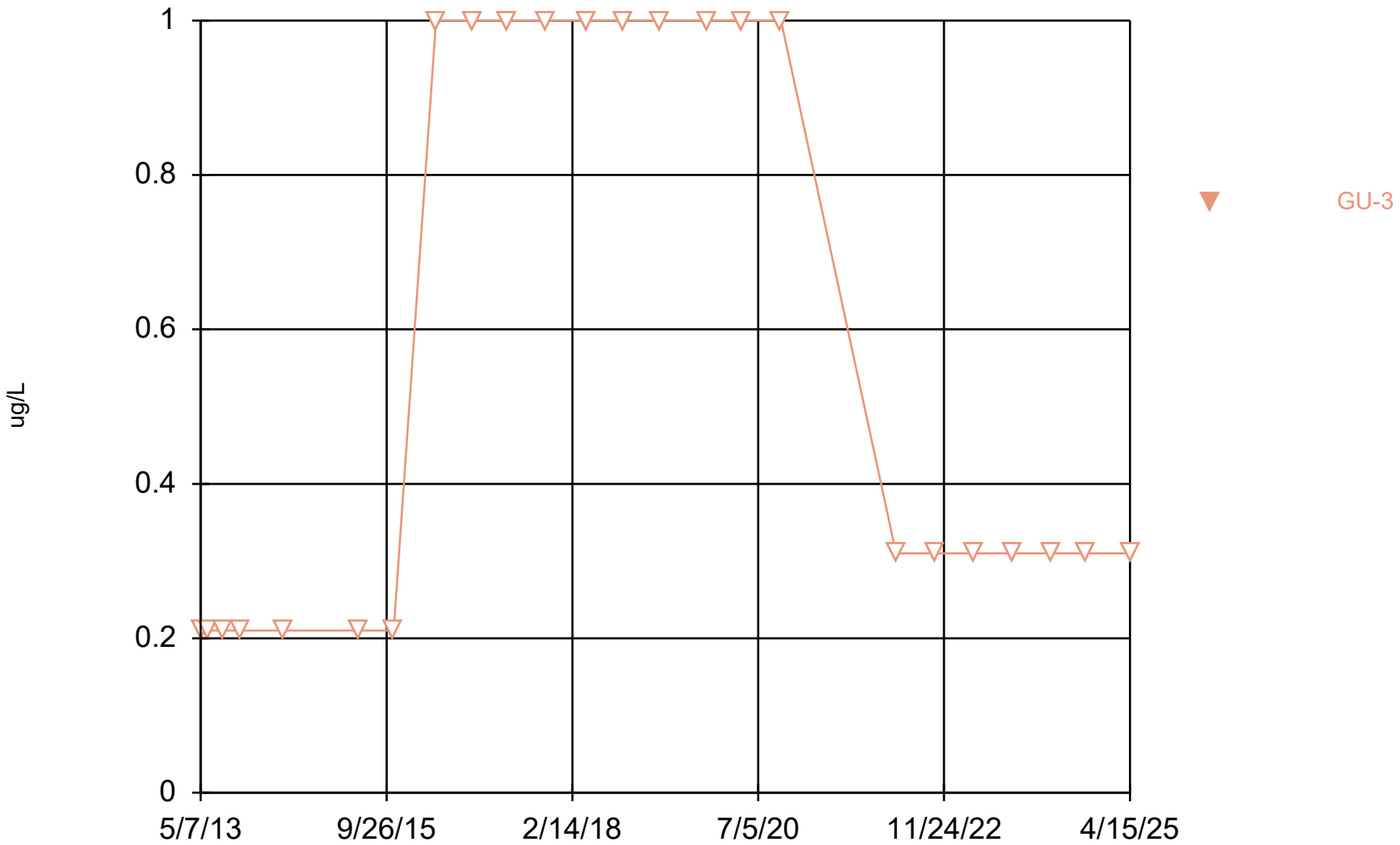


Constituent: Dichloromethane Analysis Run 6/12/2025 3:49 PM View: Underdrains_Appendix I VOCs

DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

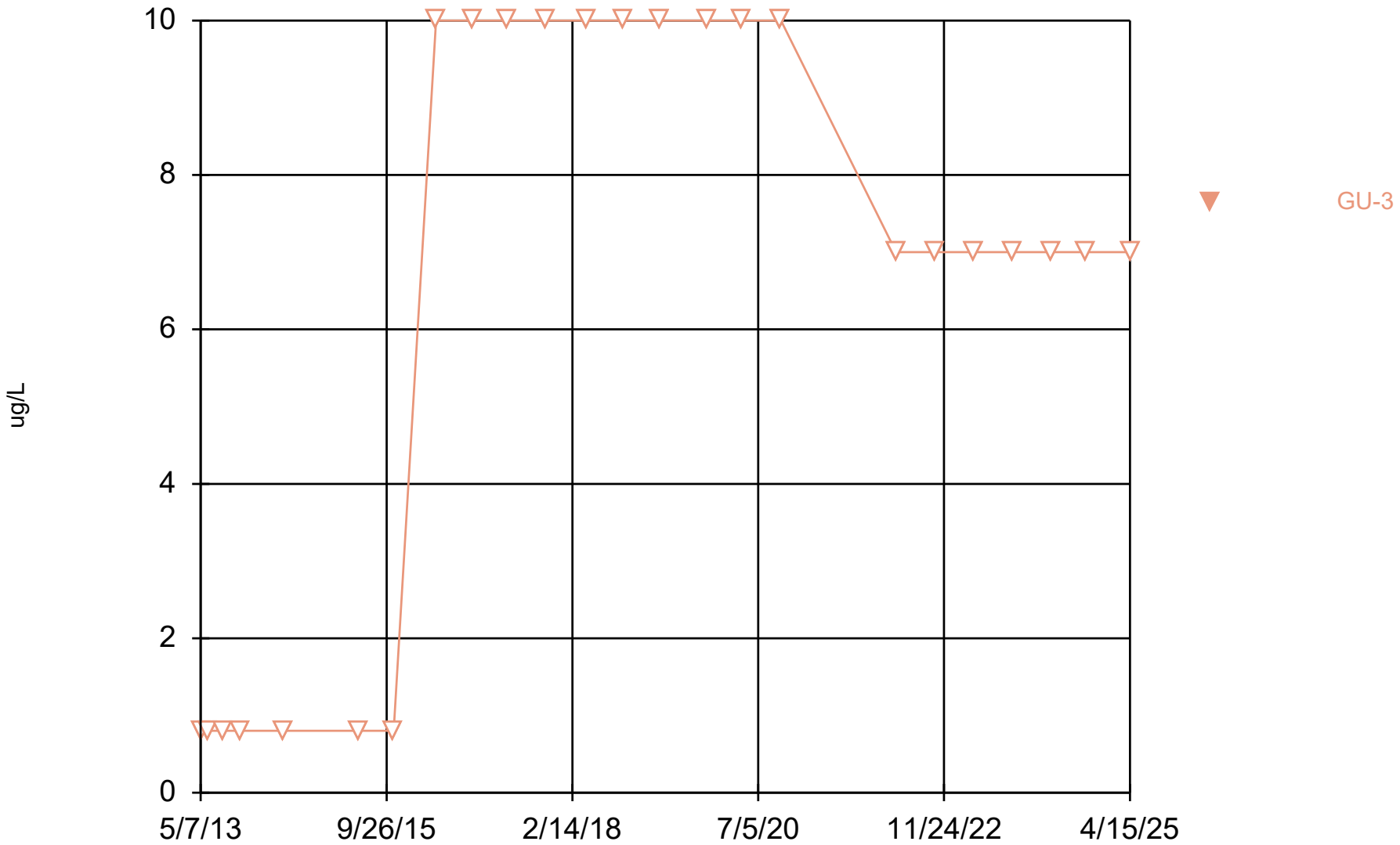
Time Series



Constituent: Ethylbenzene Analysis Run 6/12/2025 3:49 PM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

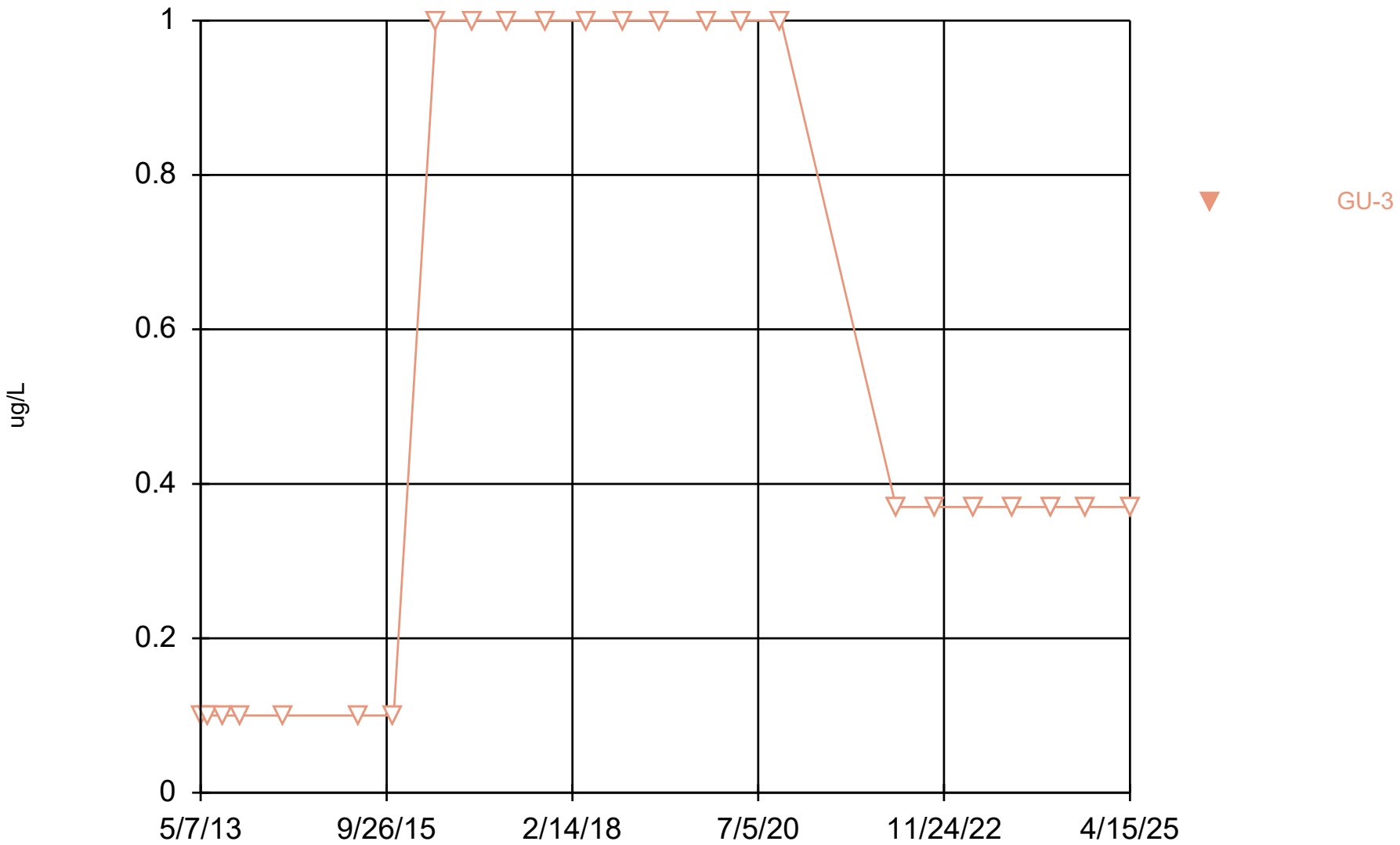
Time Series



Constituent: Iodomethane Analysis Run 6/12/2025 3:49 PM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

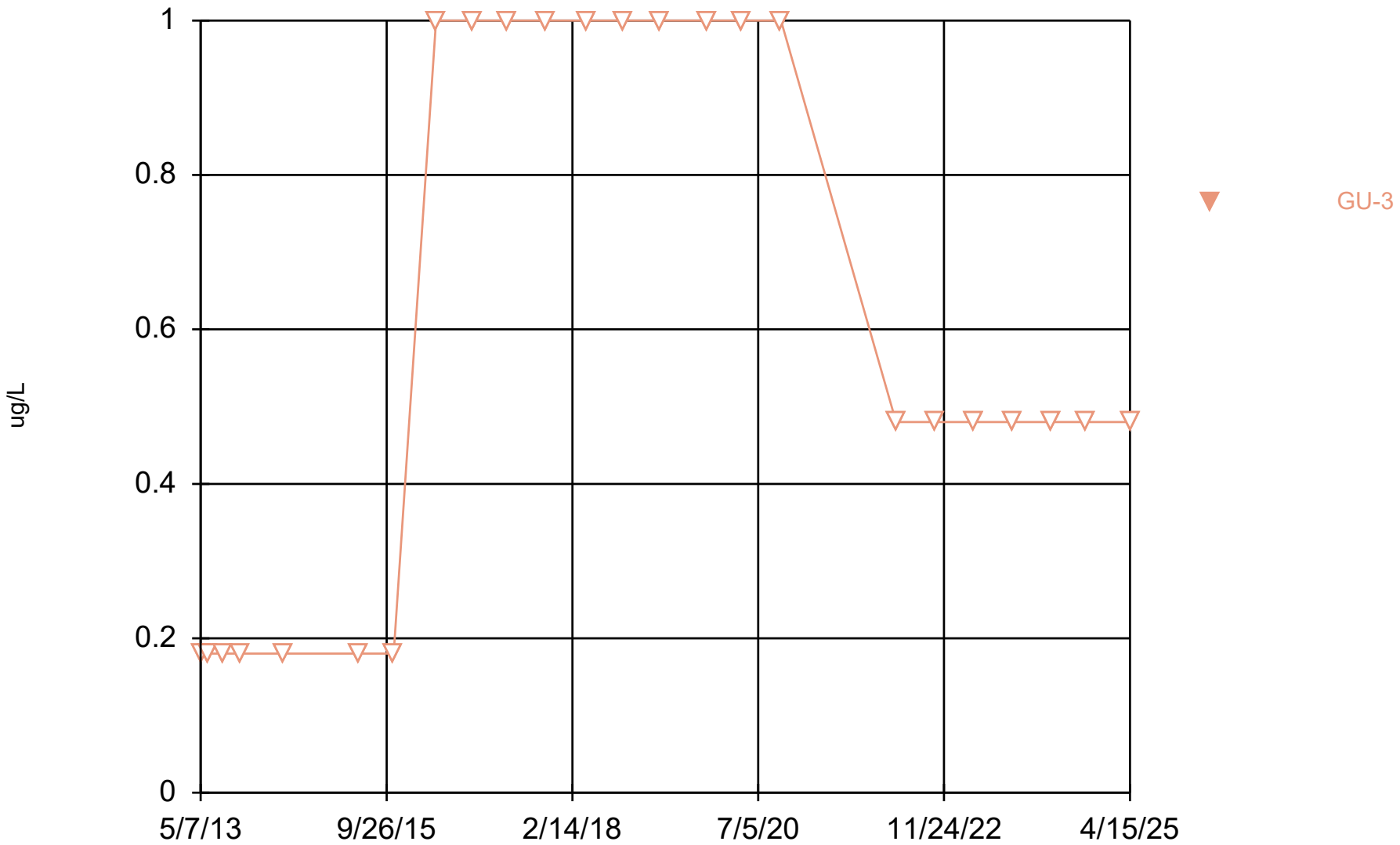
Time Series



Constituent: Styrene Analysis Run 6/12/2025 3:49 PM View: Underdrains_Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

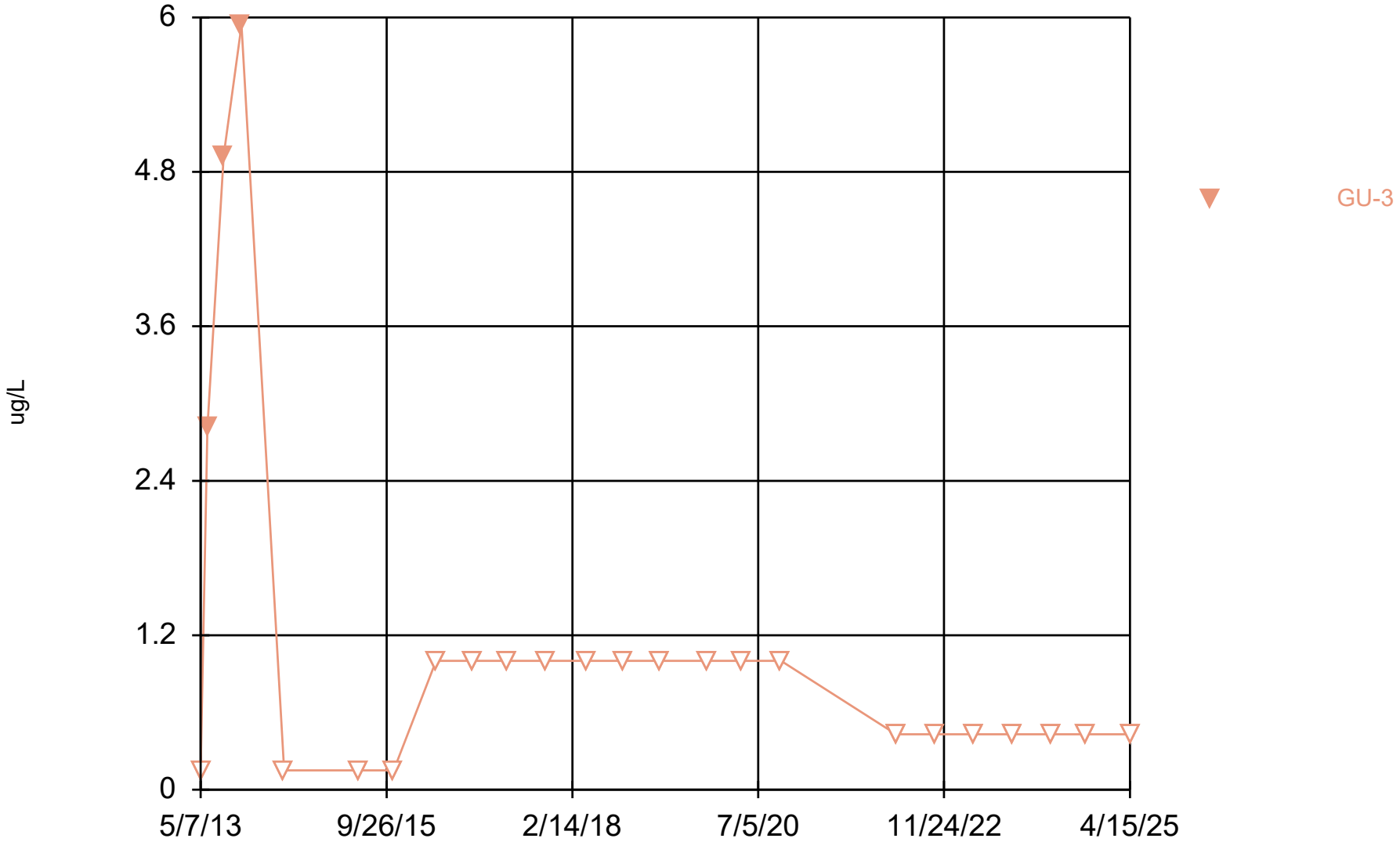
Time Series



Constituent: Tetrachloroethene Analysis Run 6/12/2025 3:49 PM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

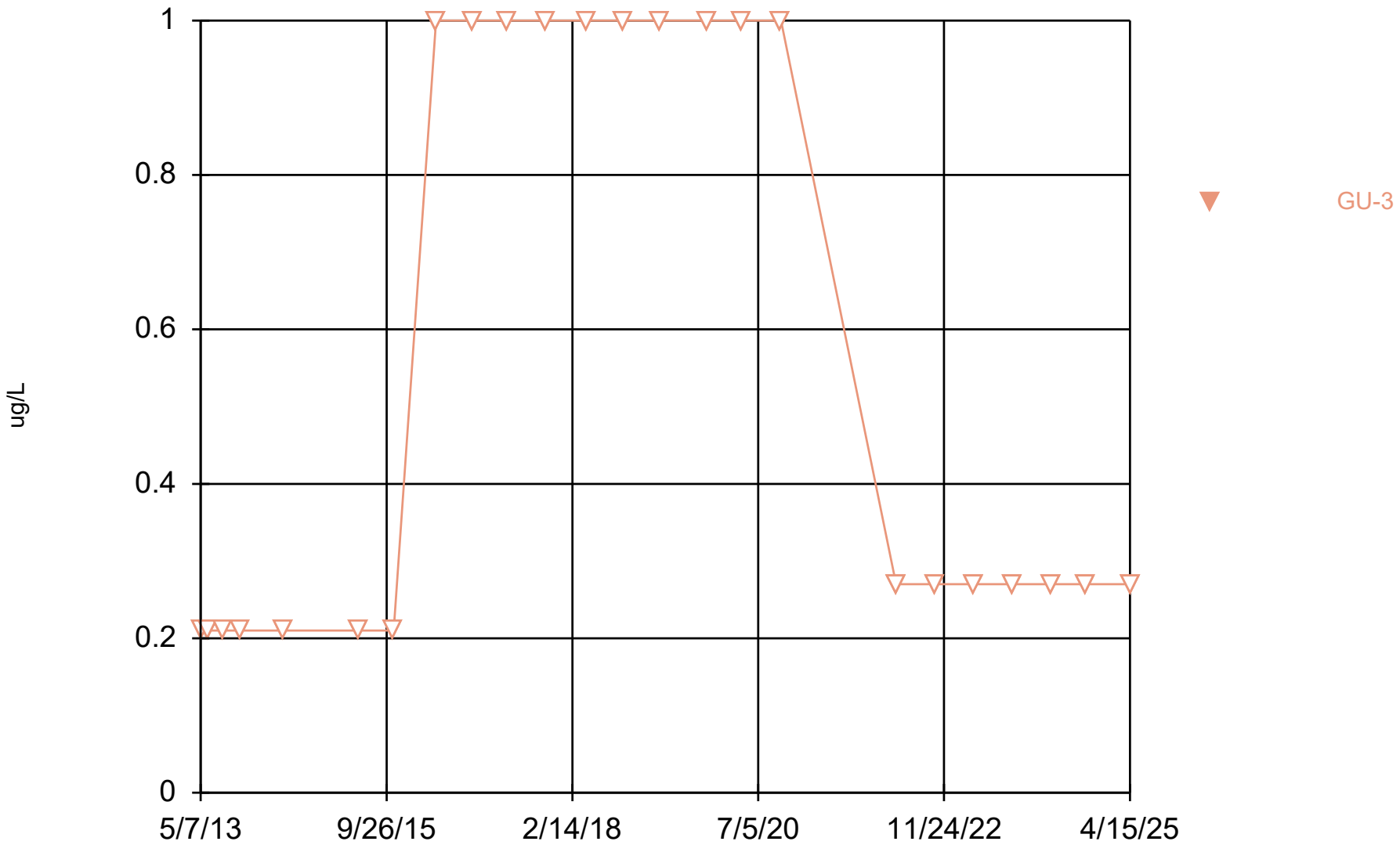
Time Series



Constituent: Toluene Analysis Run 6/12/2025 3:49 PM View: Underdrains_Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

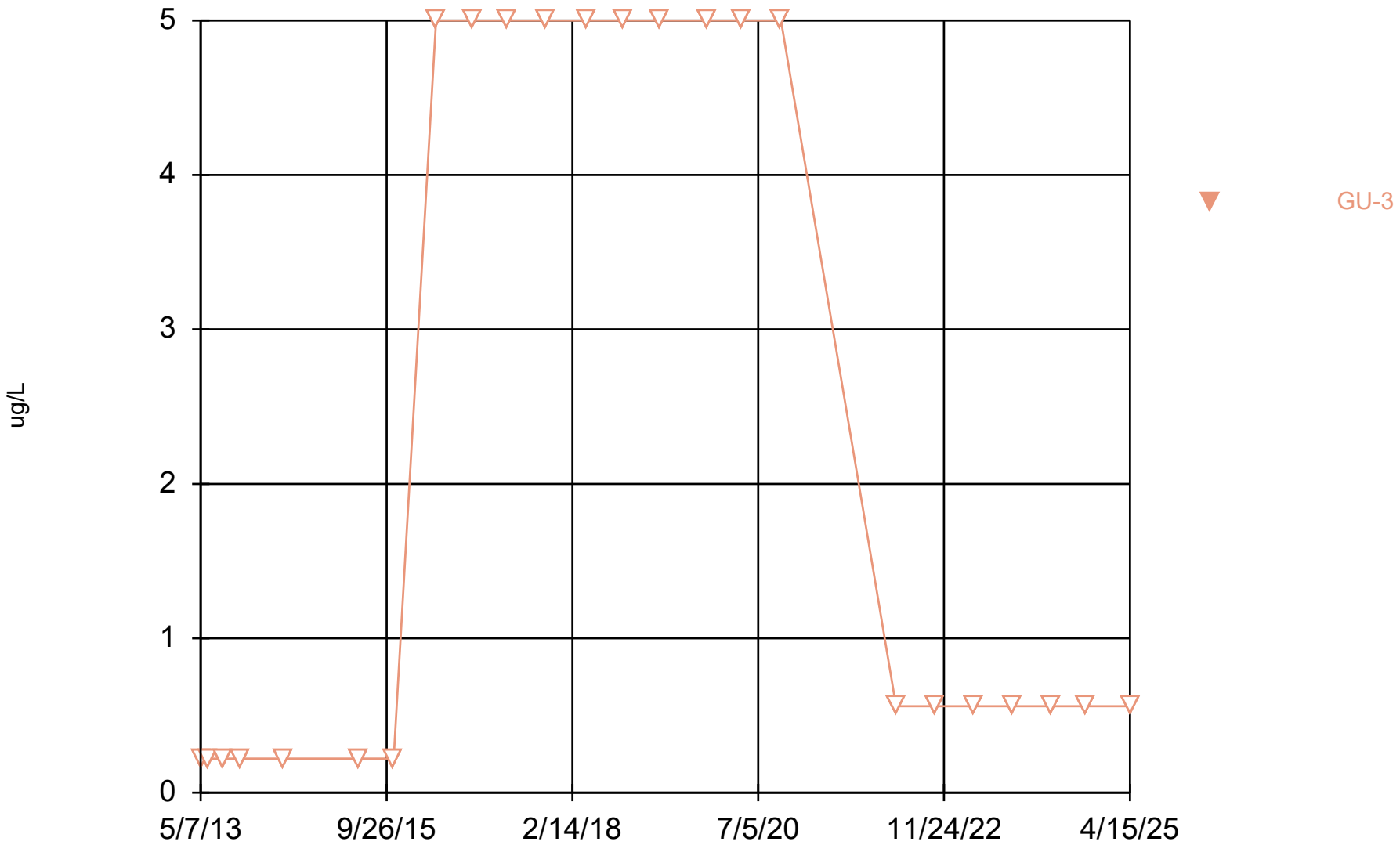
Time Series



Constituent: trans-1,2-Dichloroethene Analysis Run 6/12/2025 3:49 PM View: Underdrains_Appendix I VO DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

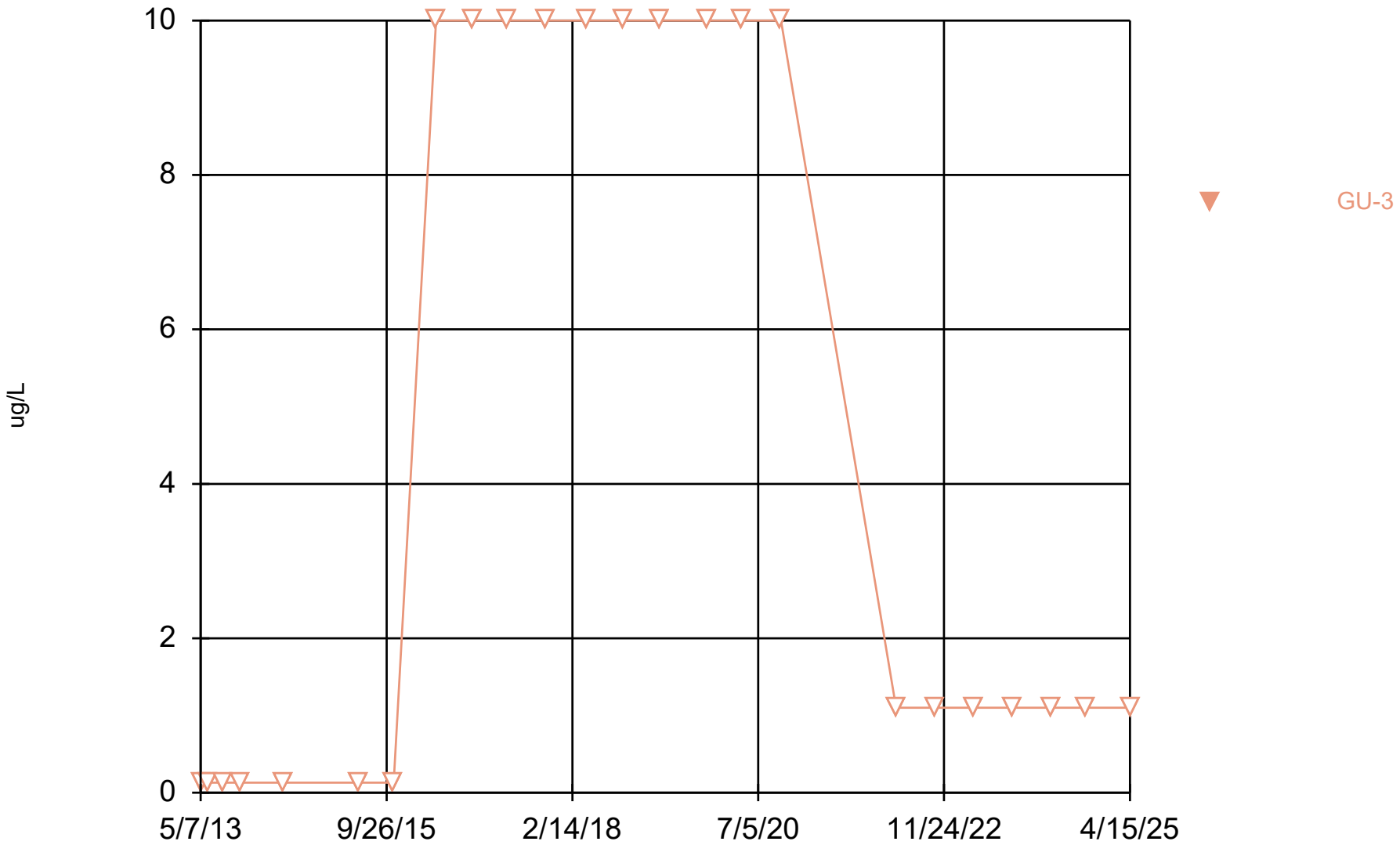
Time Series



Constituent: trans-1,3-Dichloropropene Analysis Run 6/12/2025 3:49 PM View: Underdrains_Appendix I V DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

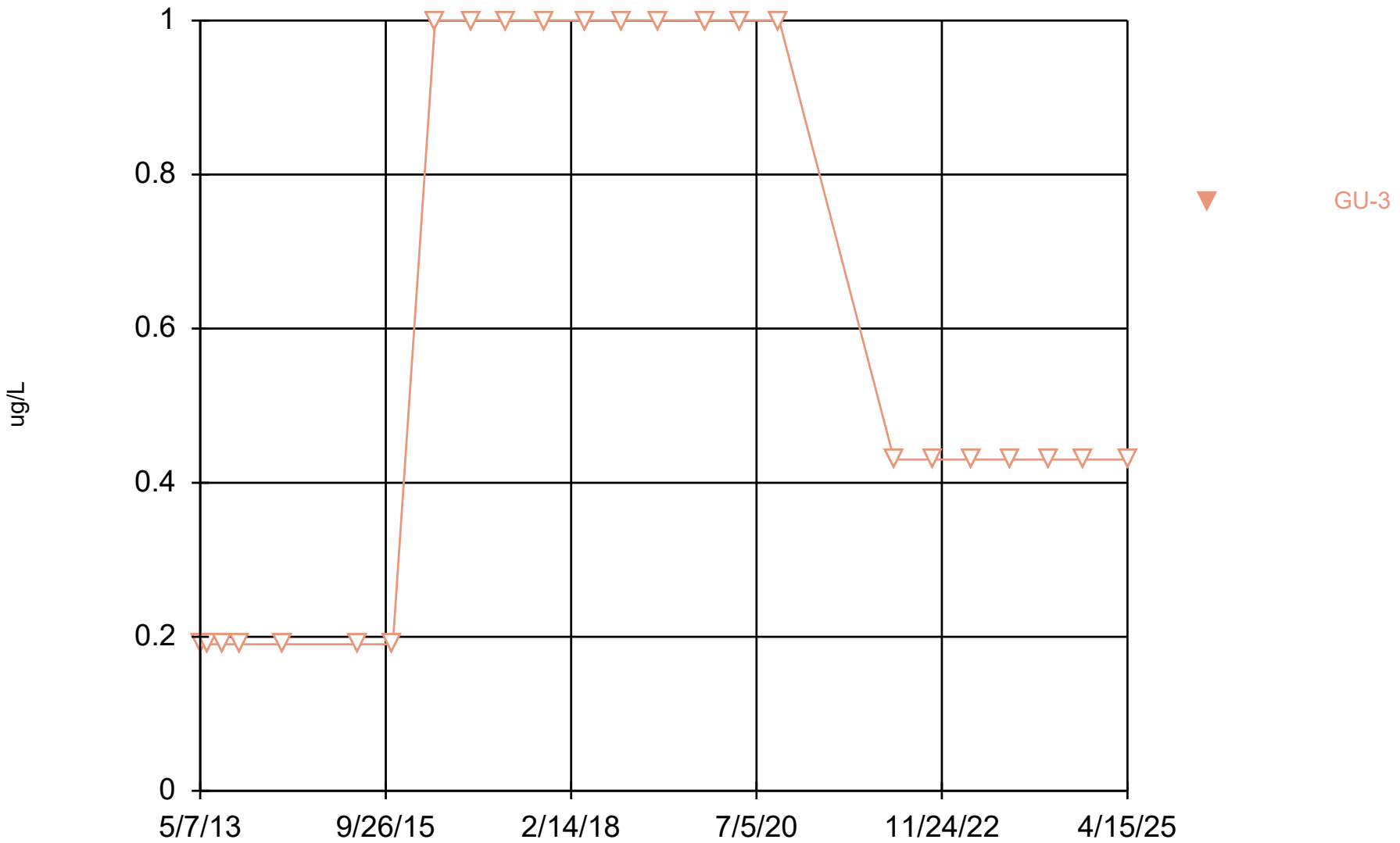
Time Series



Constituent: trans-1,4-Dichloro-2-butene Analysis Run 6/12/2025 3:49 PM View: Underdrains_Appendix I
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

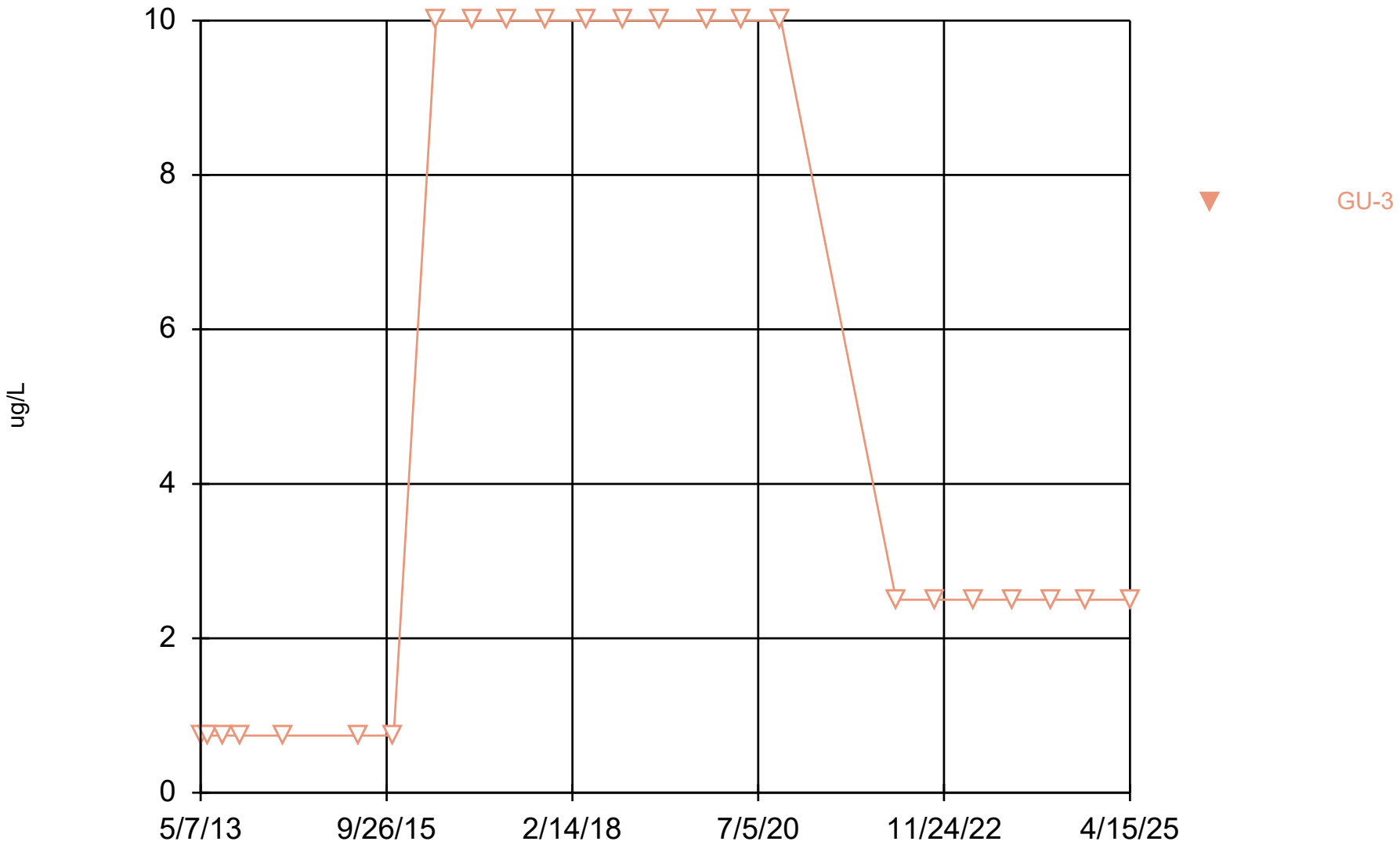
Time Series



Constituent: Trichloroethene Analysis Run 6/12/2025 3:49 PM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

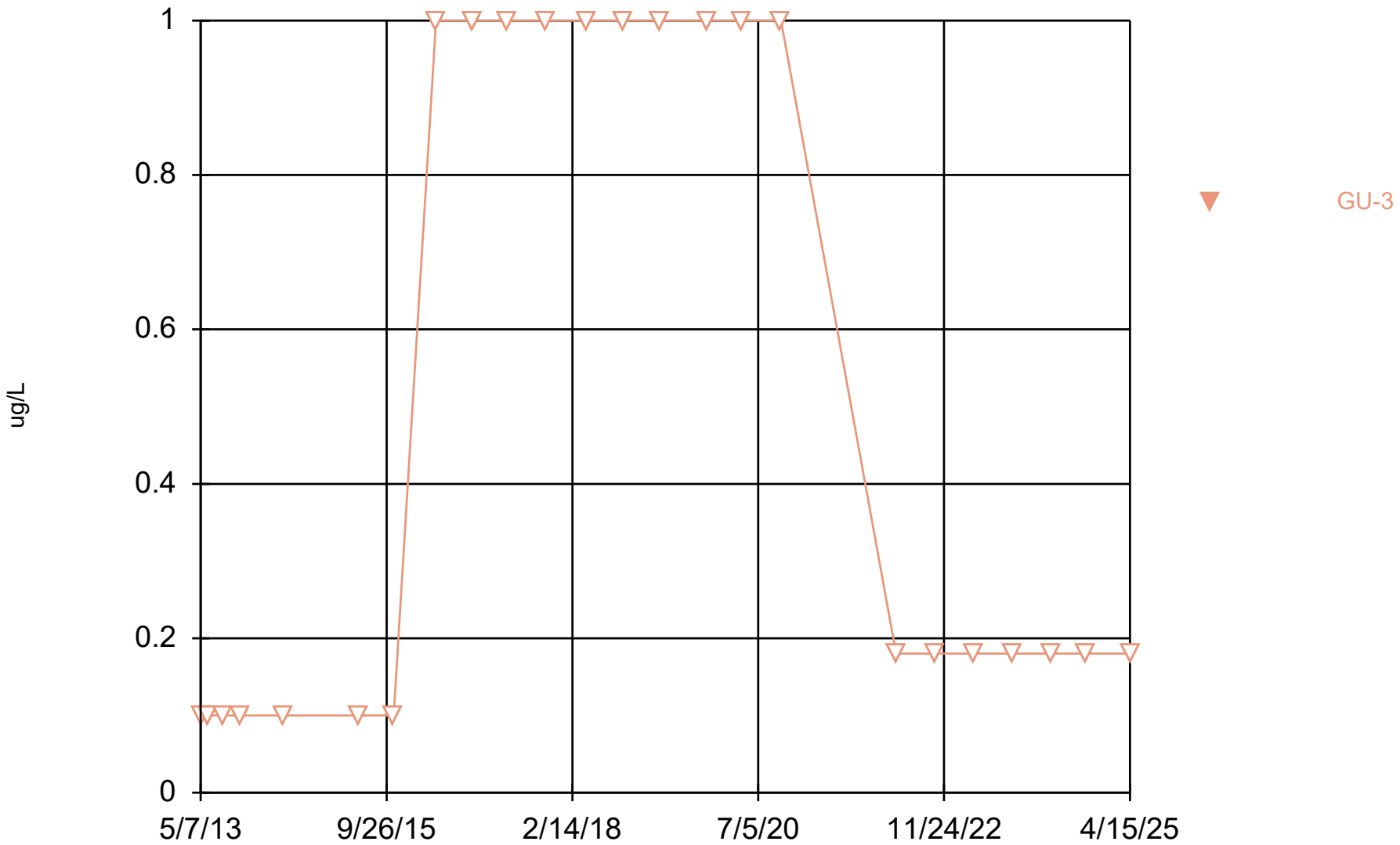
Time Series



Constituent: Vinyl Acetate Analysis Run 6/12/2025 3:49 PM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

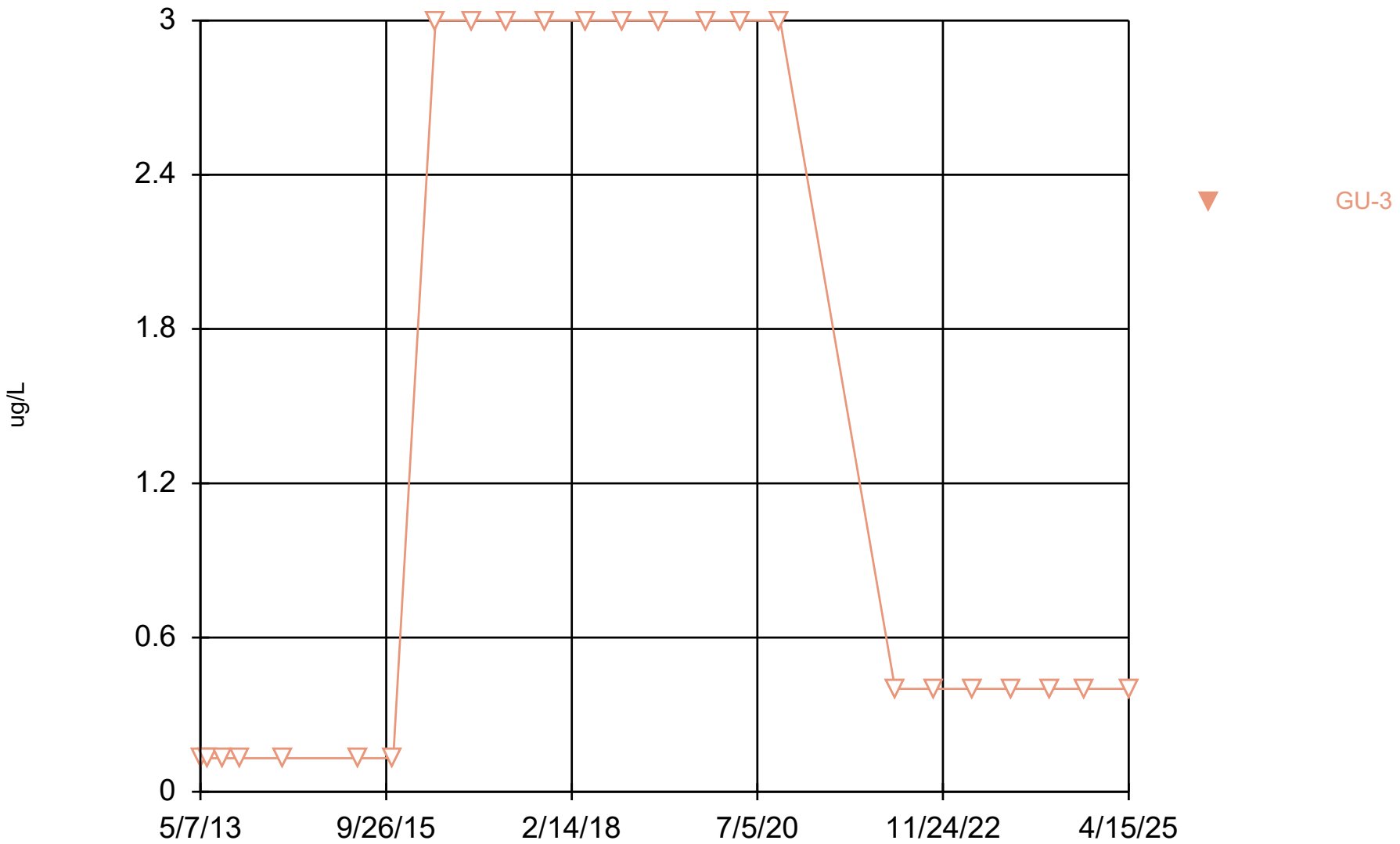
Time Series



Constituent: Vinyl chloride Analysis Run 6/12/2025 3:49 PM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Xylenes, Total Analysis Run 6/12/2025 3:49 PM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

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Groundwater Underdrains – Appendix I VOCs

Box & Whisker Plots

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Box & Whiskers Plot

Constituent: 1,1,1-Trichloroethane Analysis Run 6/13/2025 8:15 AM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

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Box & Whiskers Plot

Constituent: 1,1,2,2-Tetrachloroethane Analysis Run 6/13/2025 8:15 AM View: Underdrains_Appendix I V DMASWA Data: DMASWA Database_Updated

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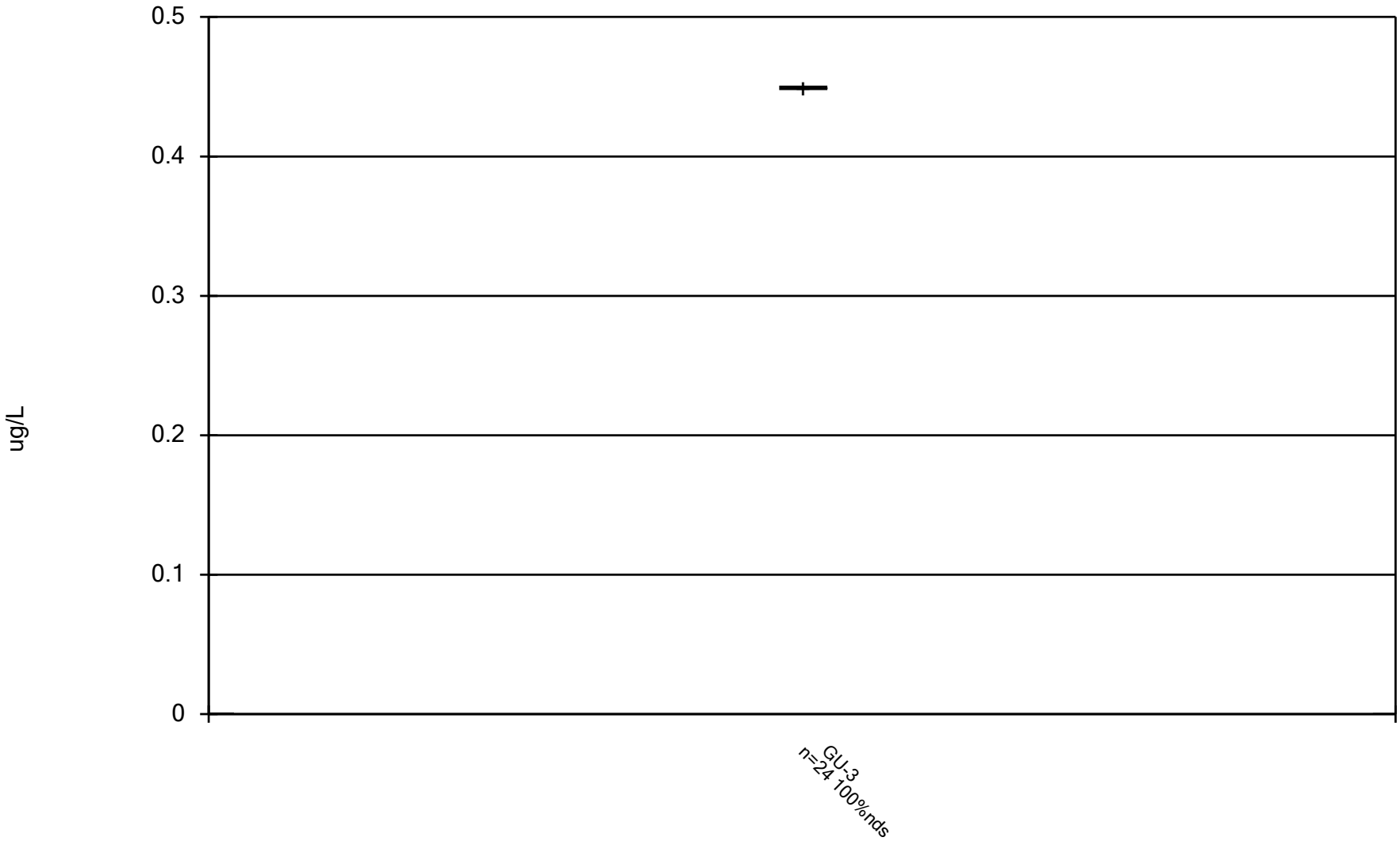
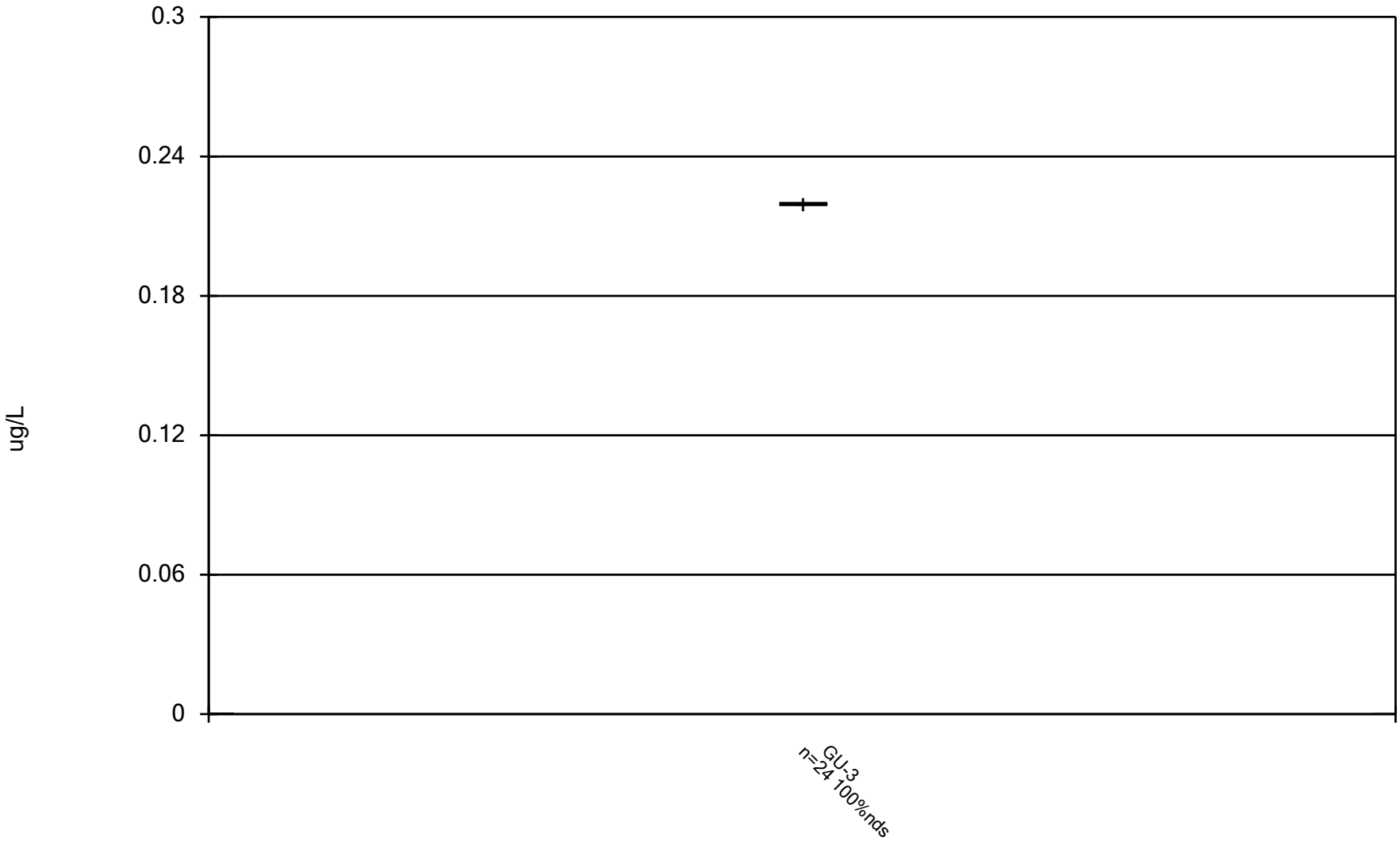
Box & Whiskers Plot



Constituent: 1,1,2-Trichloroethane Analysis Run 6/13/2025 8:15 AM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG

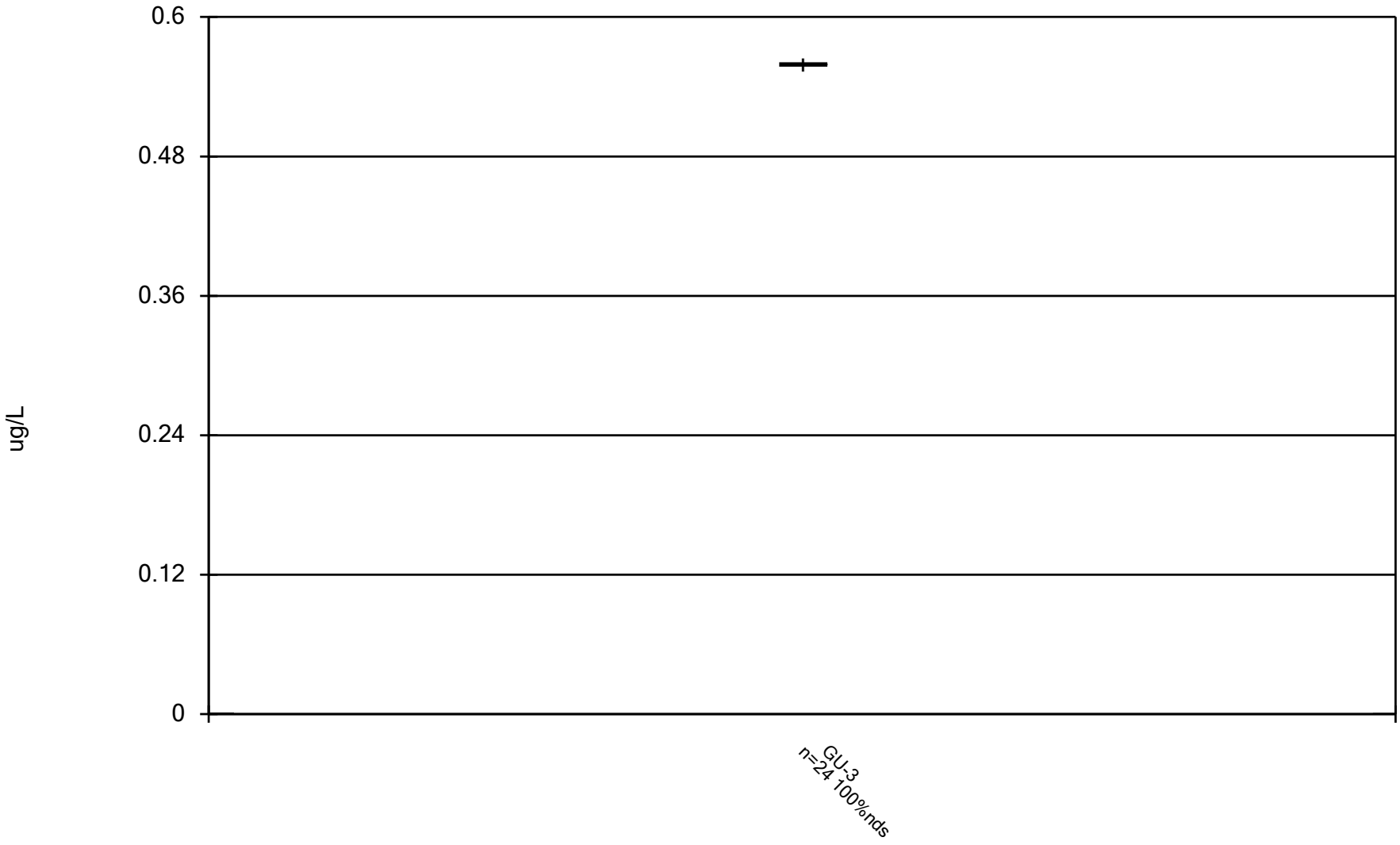
Box & Whiskers Plot



Constituent: 1,1-Dichloroethane Analysis Run 6/13/2025 8:15 AM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG

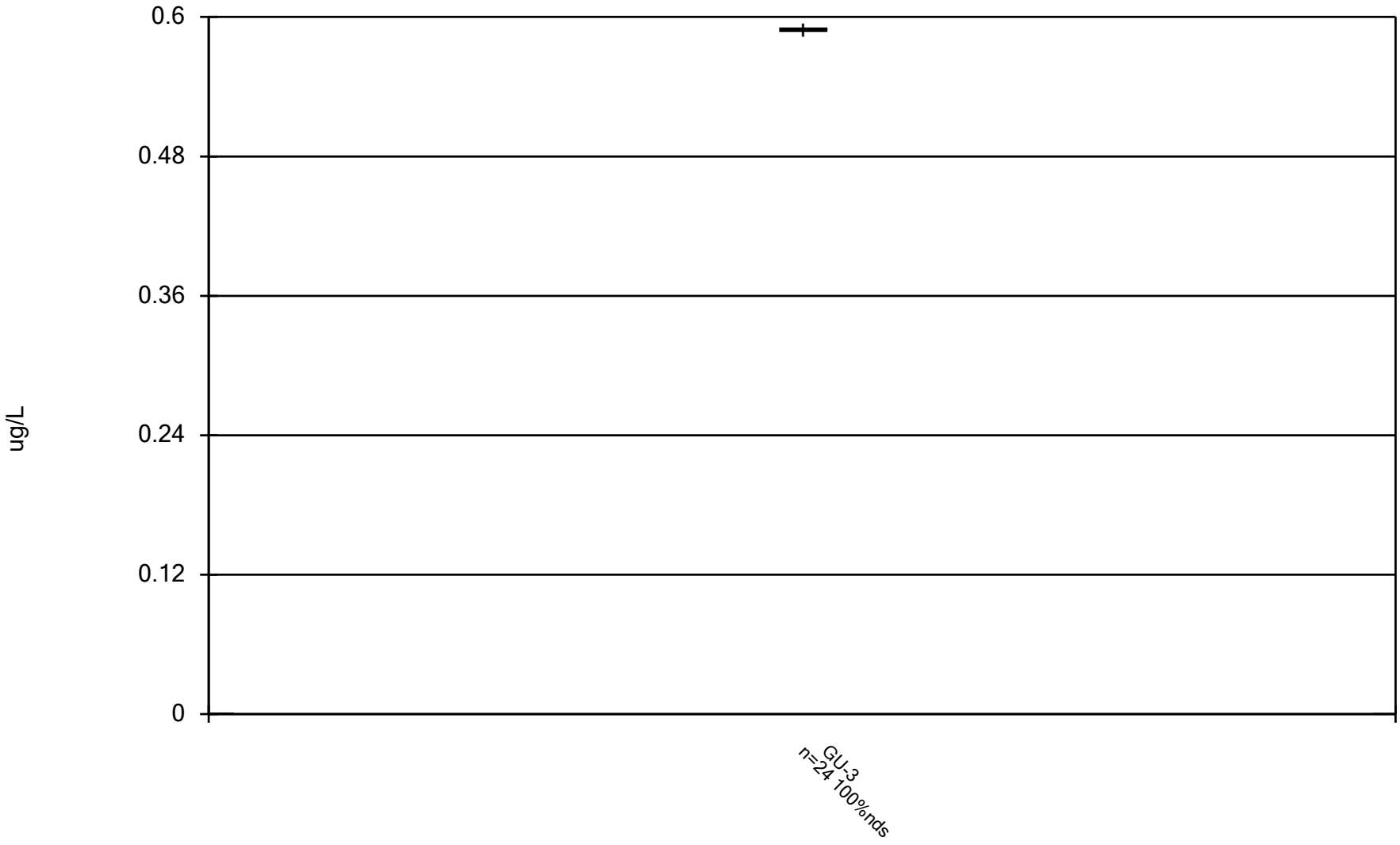
Box & Whiskers Plot



Constituent: 1,1-Dichloroethene Analysis Run 6/13/2025 8:15 AM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG

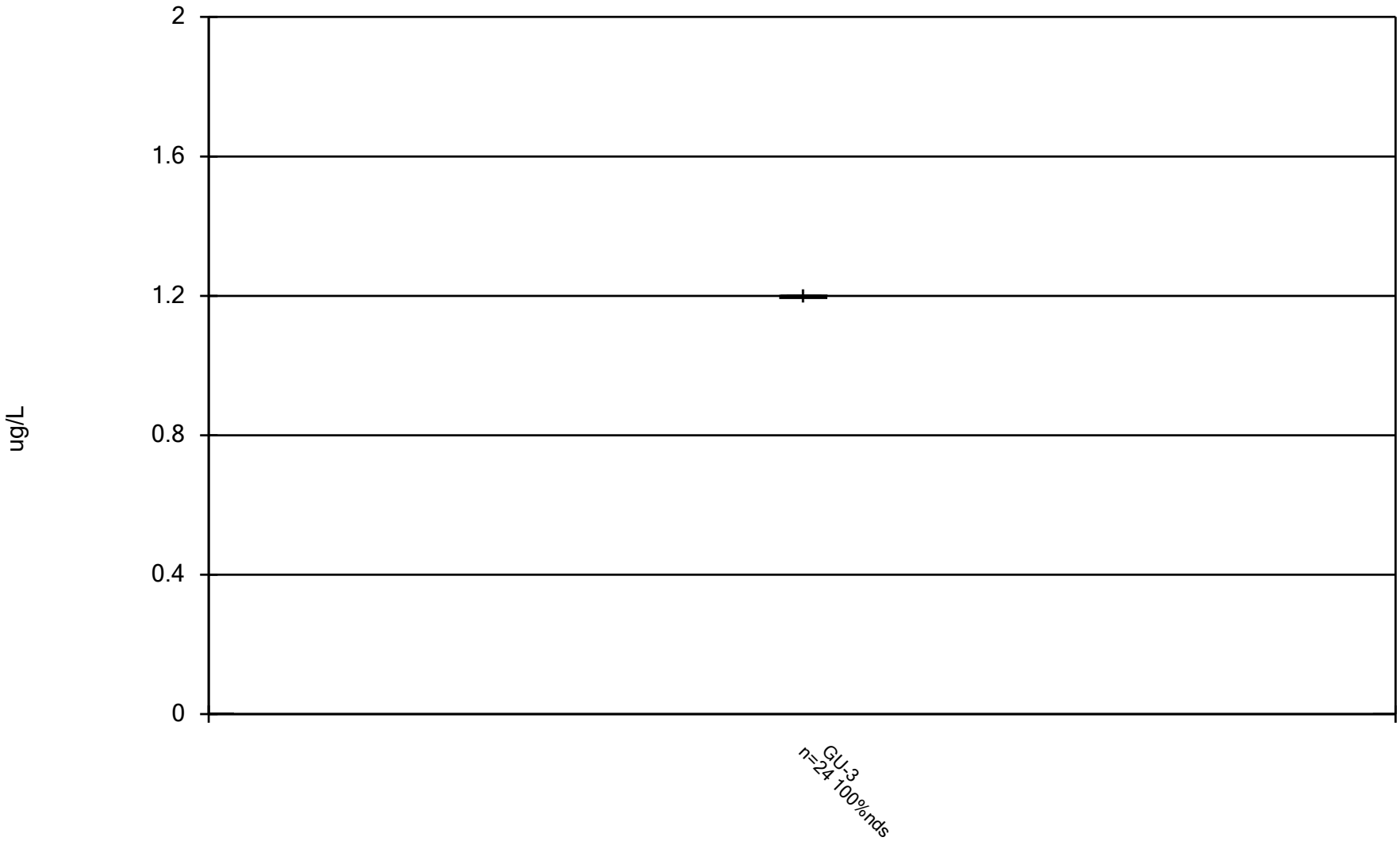
Box & Whiskers Plot



Constituent: 1,2,3-Trichloropropane Analysis Run 6/13/2025 8:15 AM View: Underdrains_Appendix I VOC DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG

Box & Whiskers Plot



Constituent: 1,2-Dibromo-3-chloropropane Analysis Run 6/13/2025 8:15 AM View: Underdrains_Appendix DMASWA Data: DMASWA Database_Updated

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Box & Whiskers Plot

Constituent: 1,2-Dibromoethane [EDB] Analysis Run 6/13/2025 8:15 AM View: Underdrains_Appendix I V DMASWA Data: DMASWA Database_Updated

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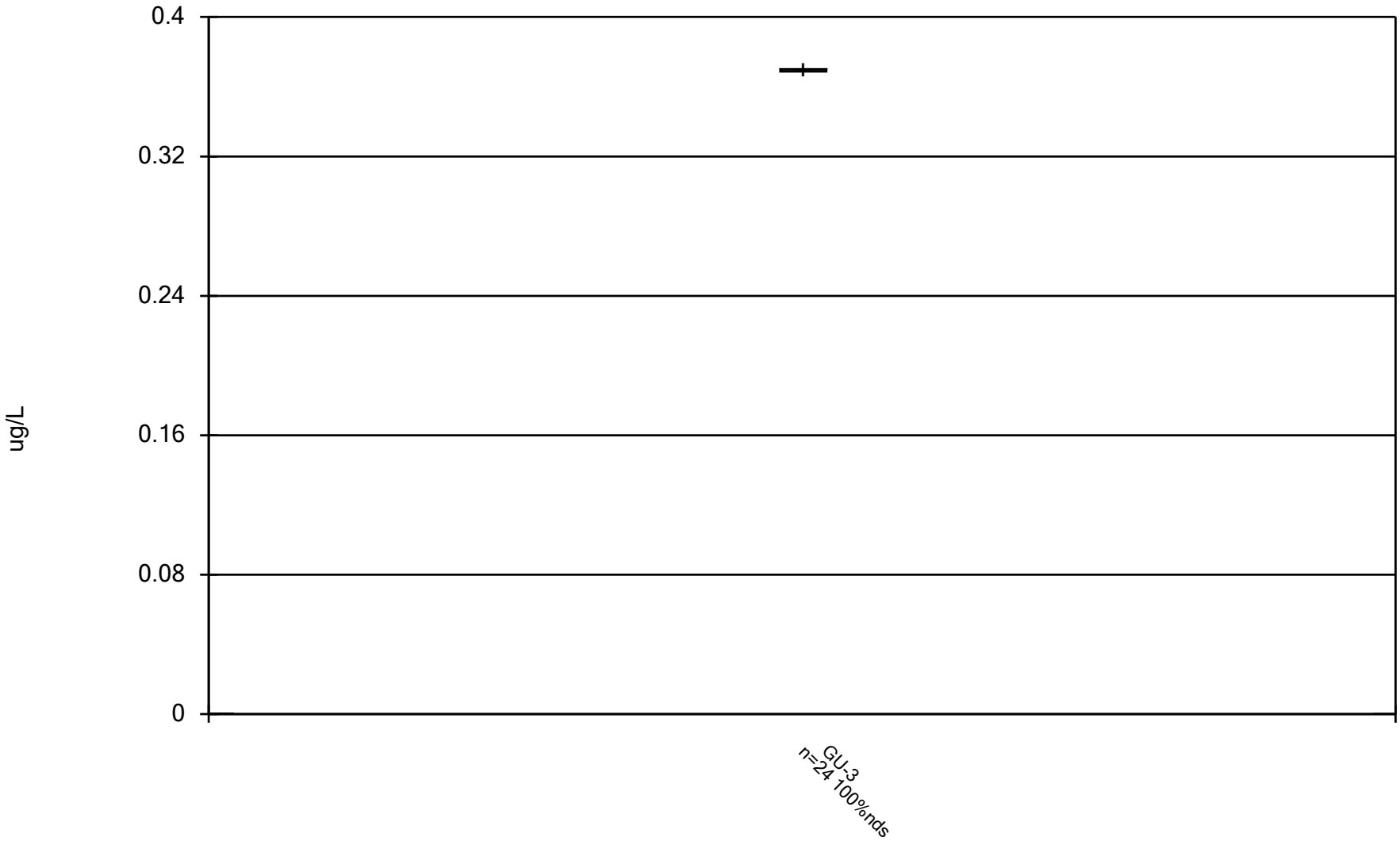
Box & Whiskers Plot



Constituent: 1,2-Dichlorobenzene Analysis Run 6/13/2025 8:15 AM View: Underdrains_Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

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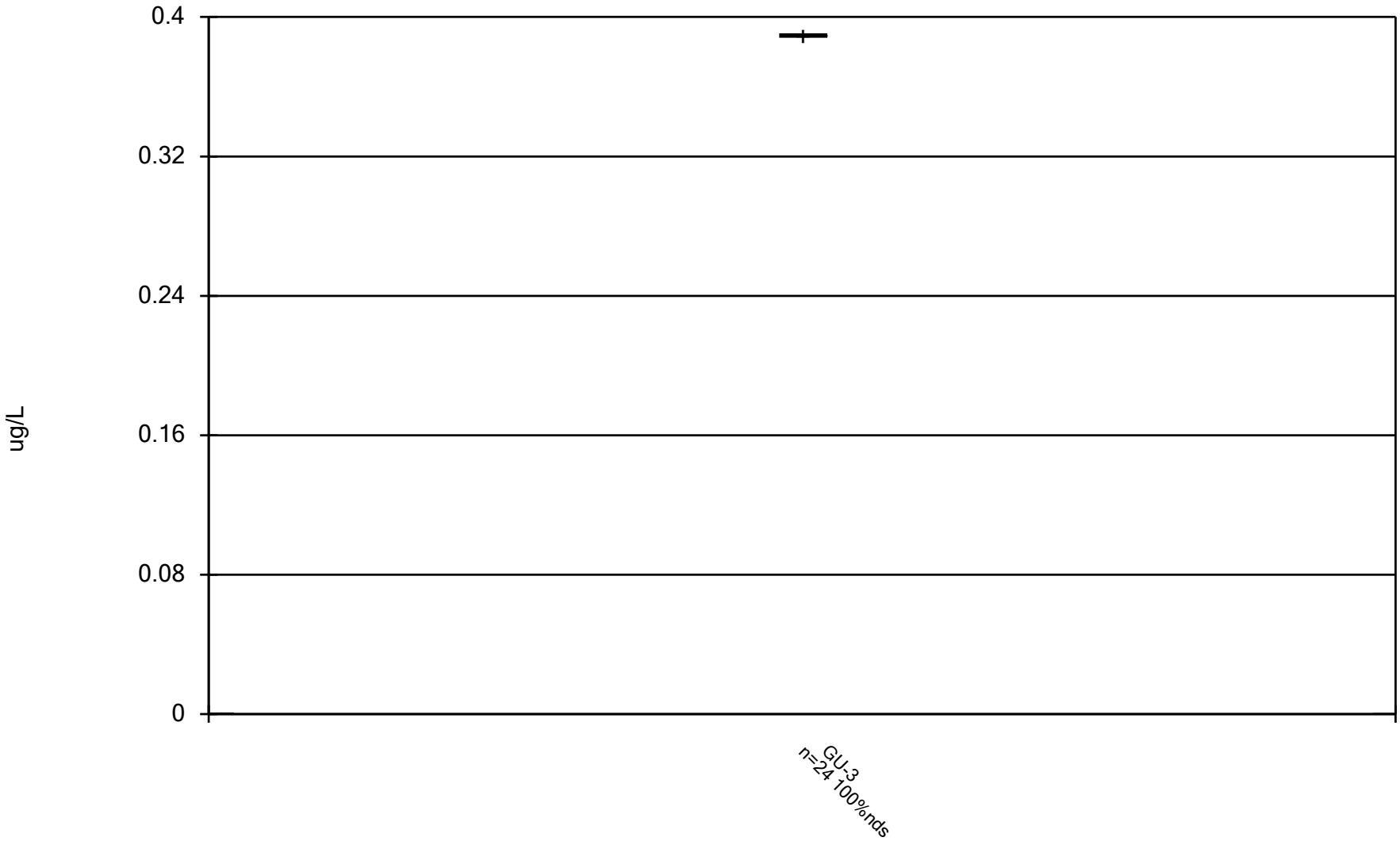
Box & Whiskers Plot



Constituent: 1,2-Dichloroethane Analysis Run 6/13/2025 8:15 AM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

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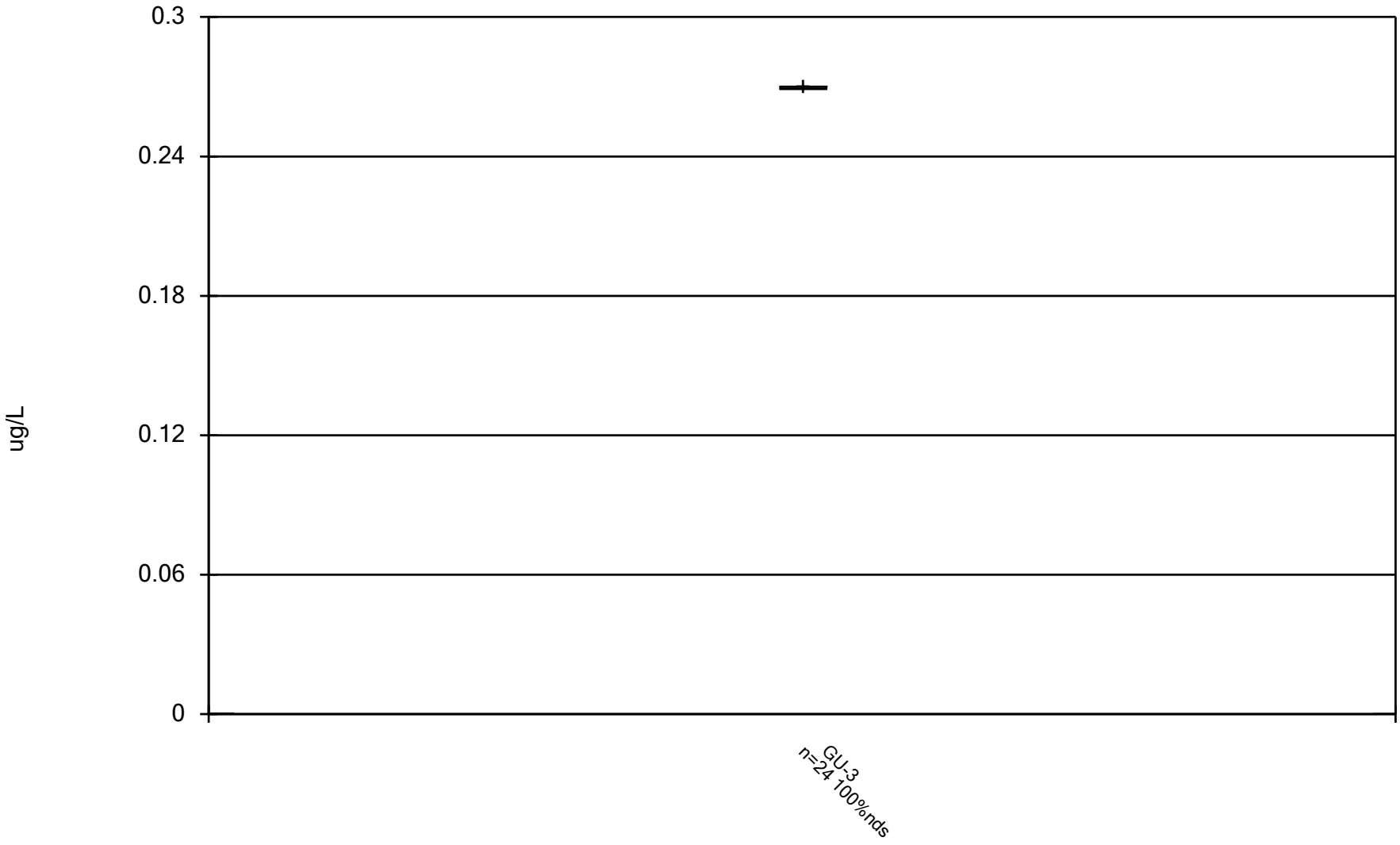
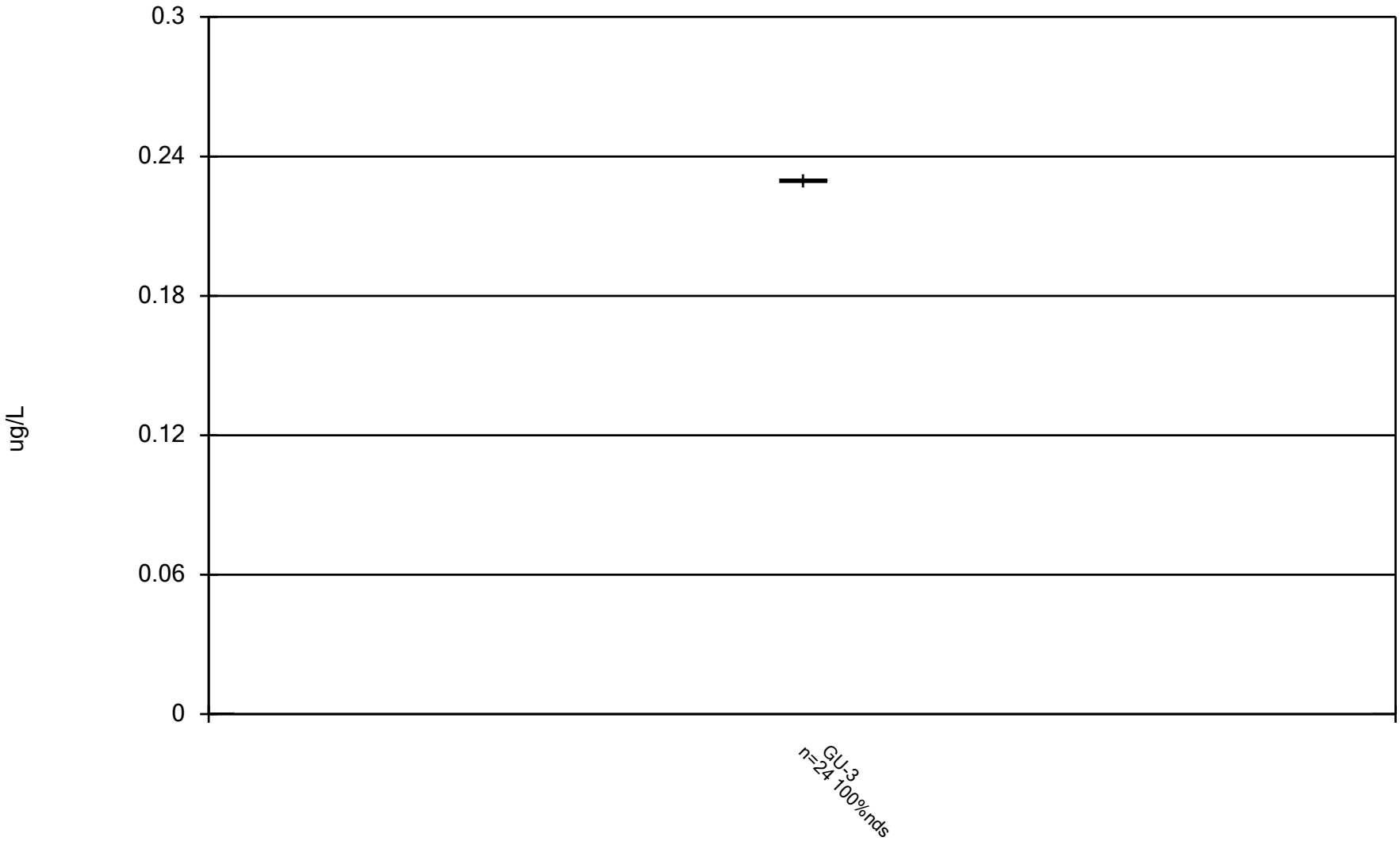
Box & Whiskers Plot



Constituent: 1,2-Dichloropropane Analysis Run 6/13/2025 8:15 AM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG

Box & Whiskers Plot



Constituent: 1,4-Dichlorobenzene Analysis Run 6/13/2025 8:15 AM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

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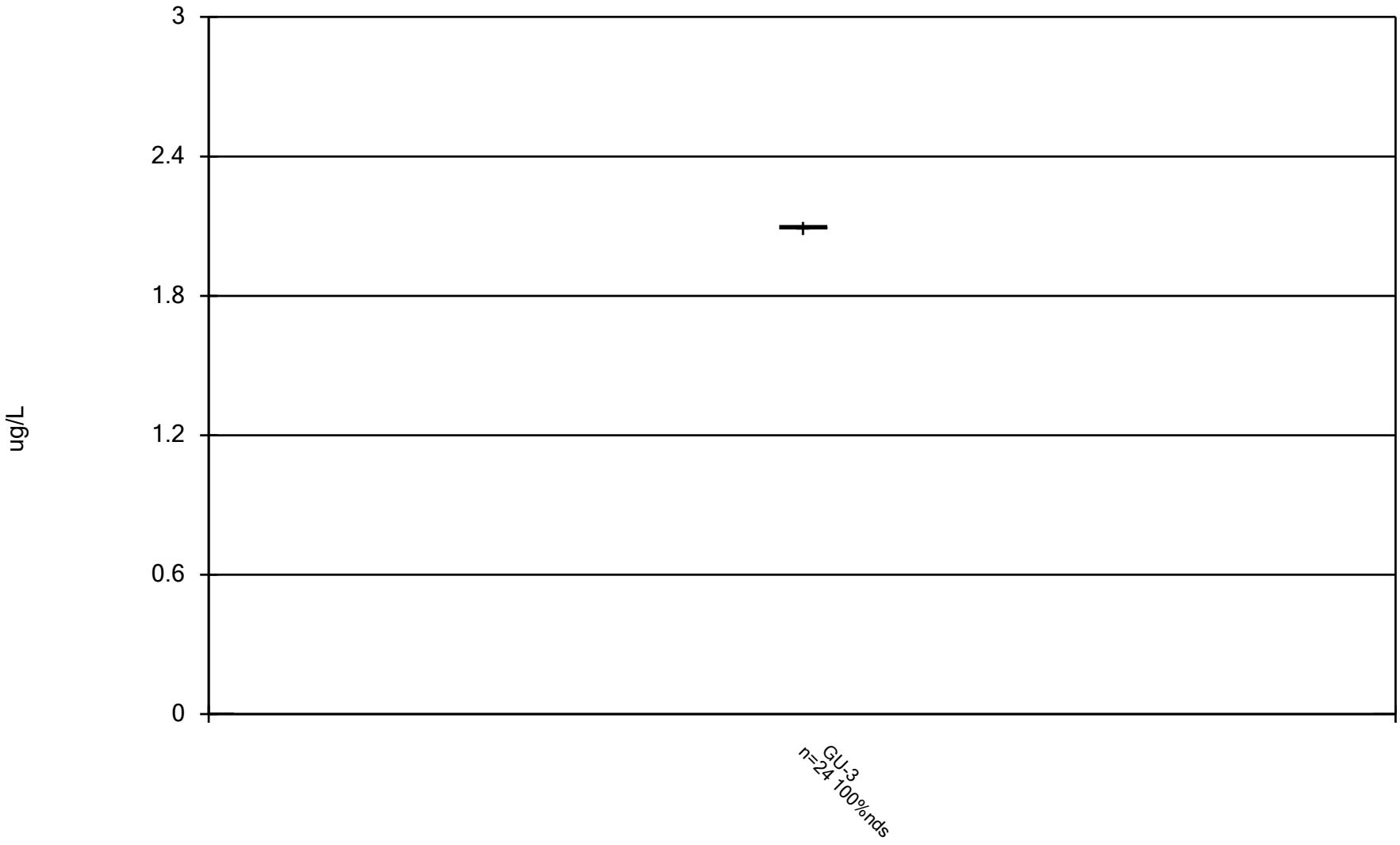
Box & Whiskers Plot



Constituent: 2-Butanone [MEK] Analysis Run 6/13/2025 8:15 AM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

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Box & Whiskers Plot

Constituent: 2-Hexanone Analysis Run 6/13/2025 8:15 AM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

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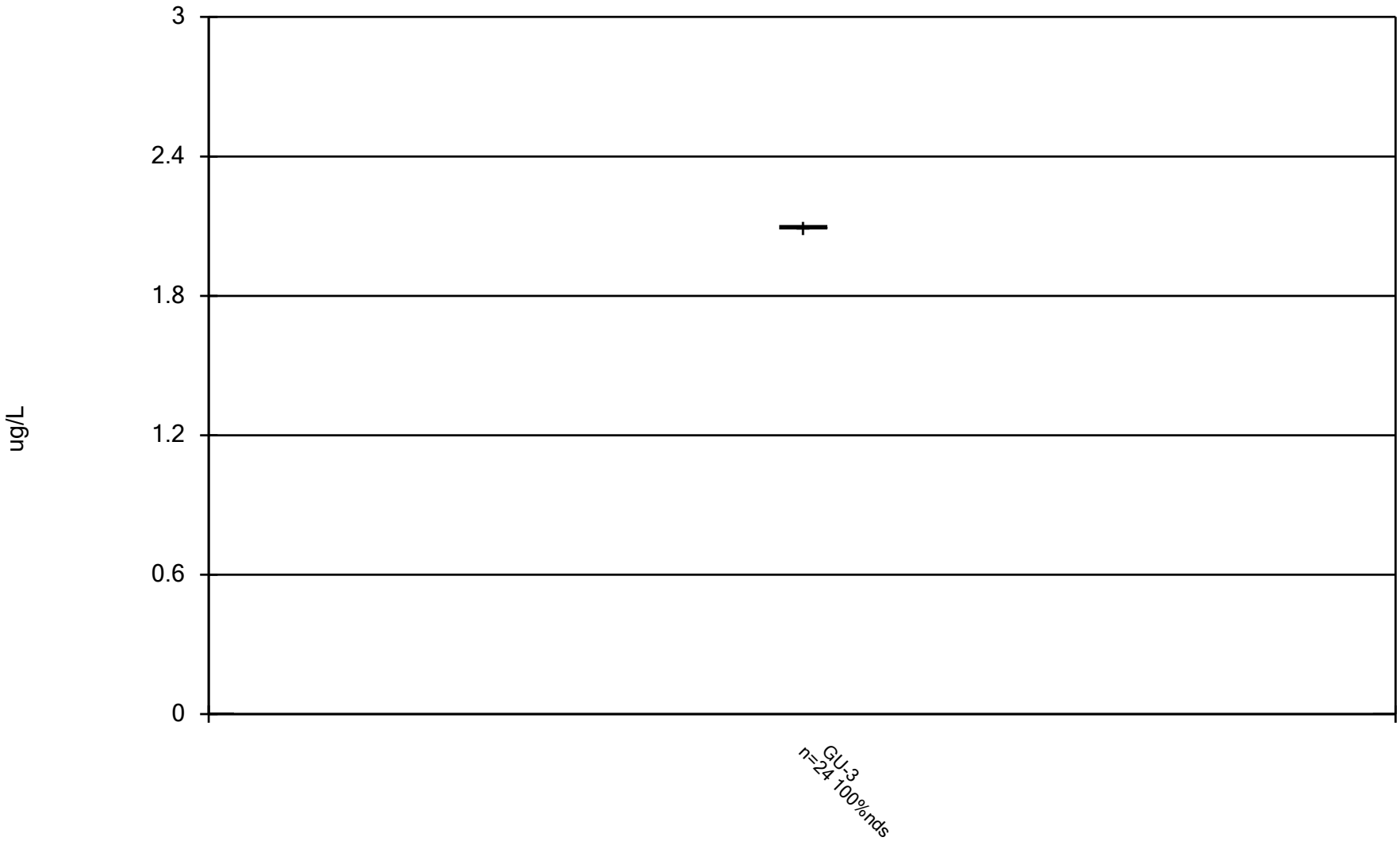
Box & Whiskers Plot



Constituent: 4-Methyl-2-pentanone Analysis Run 6/13/2025 8:15 AM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

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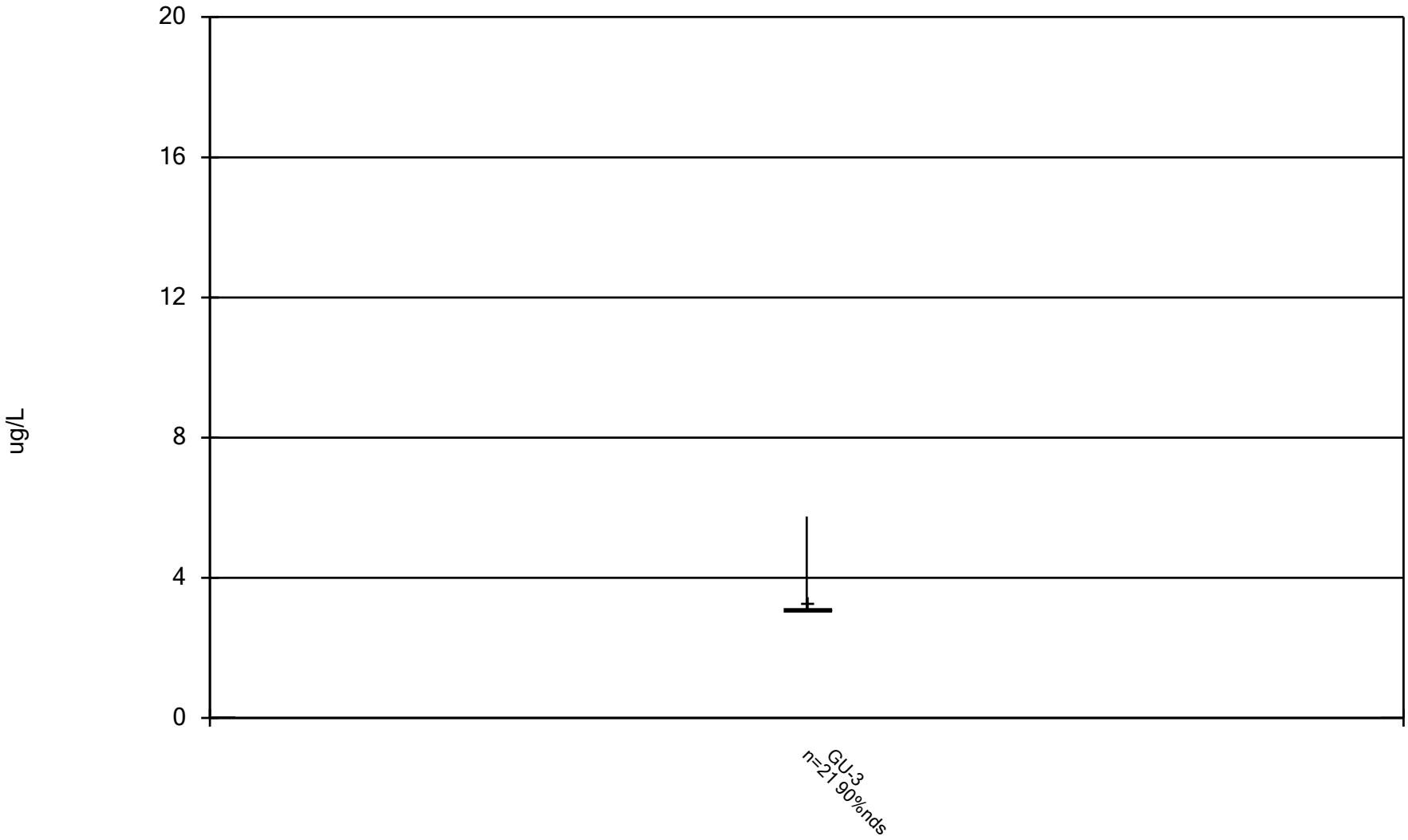
Box & Whiskers Plot



Constituent: Acetone Analysis Run 6/13/2025 8:15 AM View: Underdrains_Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

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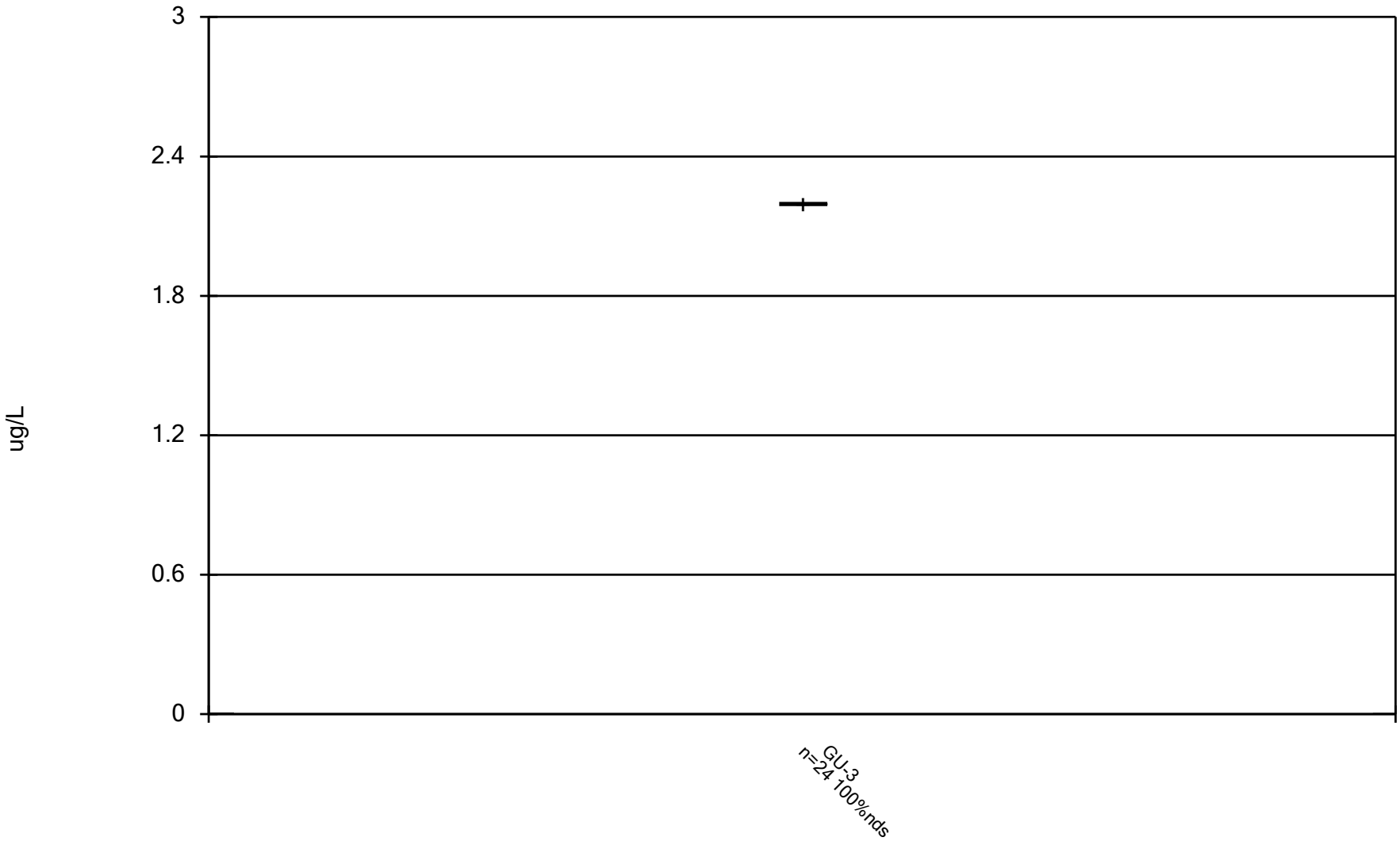
Box & Whiskers Plot



Constituent: Acrylonitrile Analysis Run 6/13/2025 8:15 AM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

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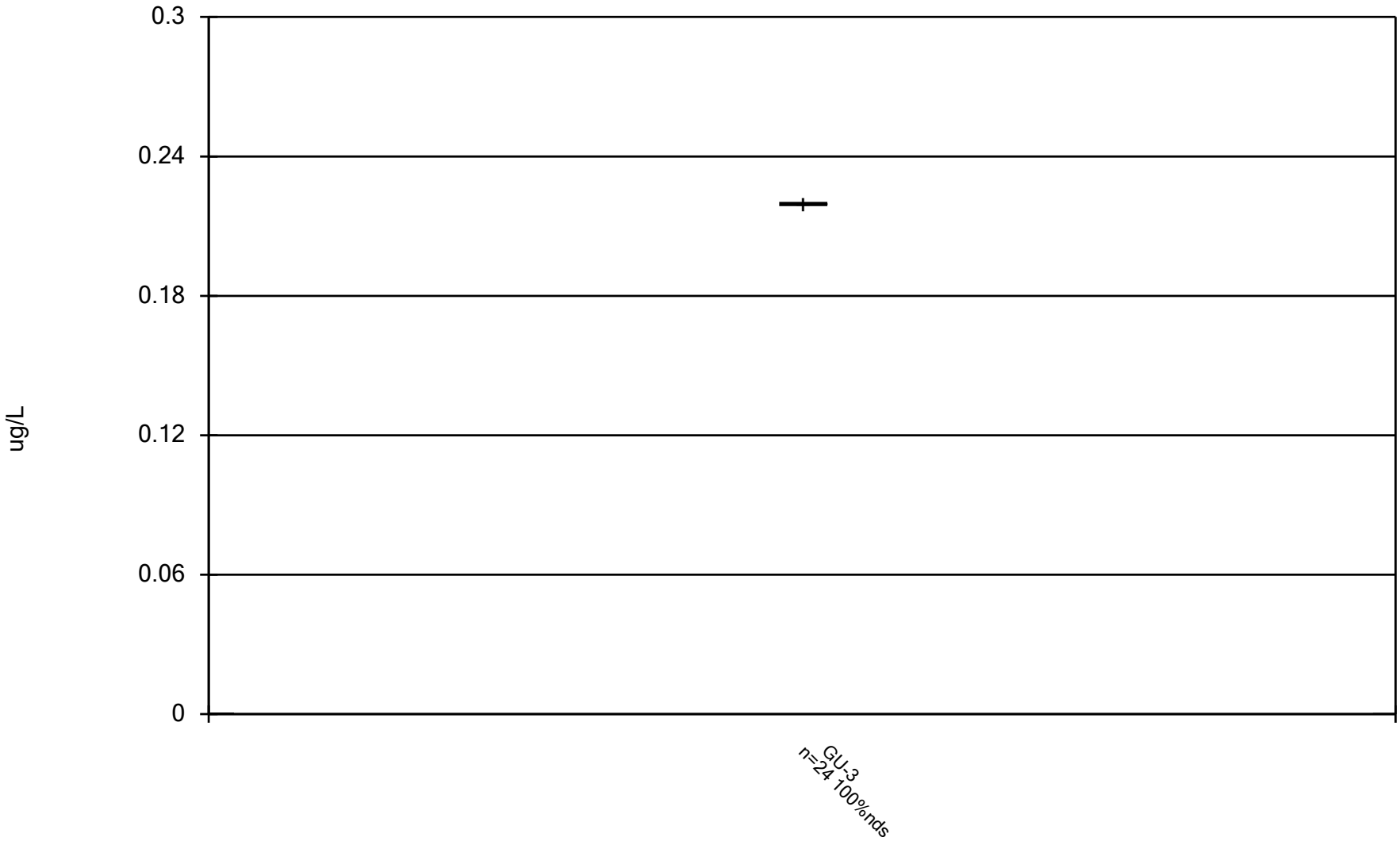
Box & Whiskers Plot



Constituent: Benzene Analysis Run 6/13/2025 8:15 AM View: Underdrains_Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

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Box & Whiskers Plot

Constituent: Bromochloromethane Analysis Run 6/13/2025 8:15 AM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

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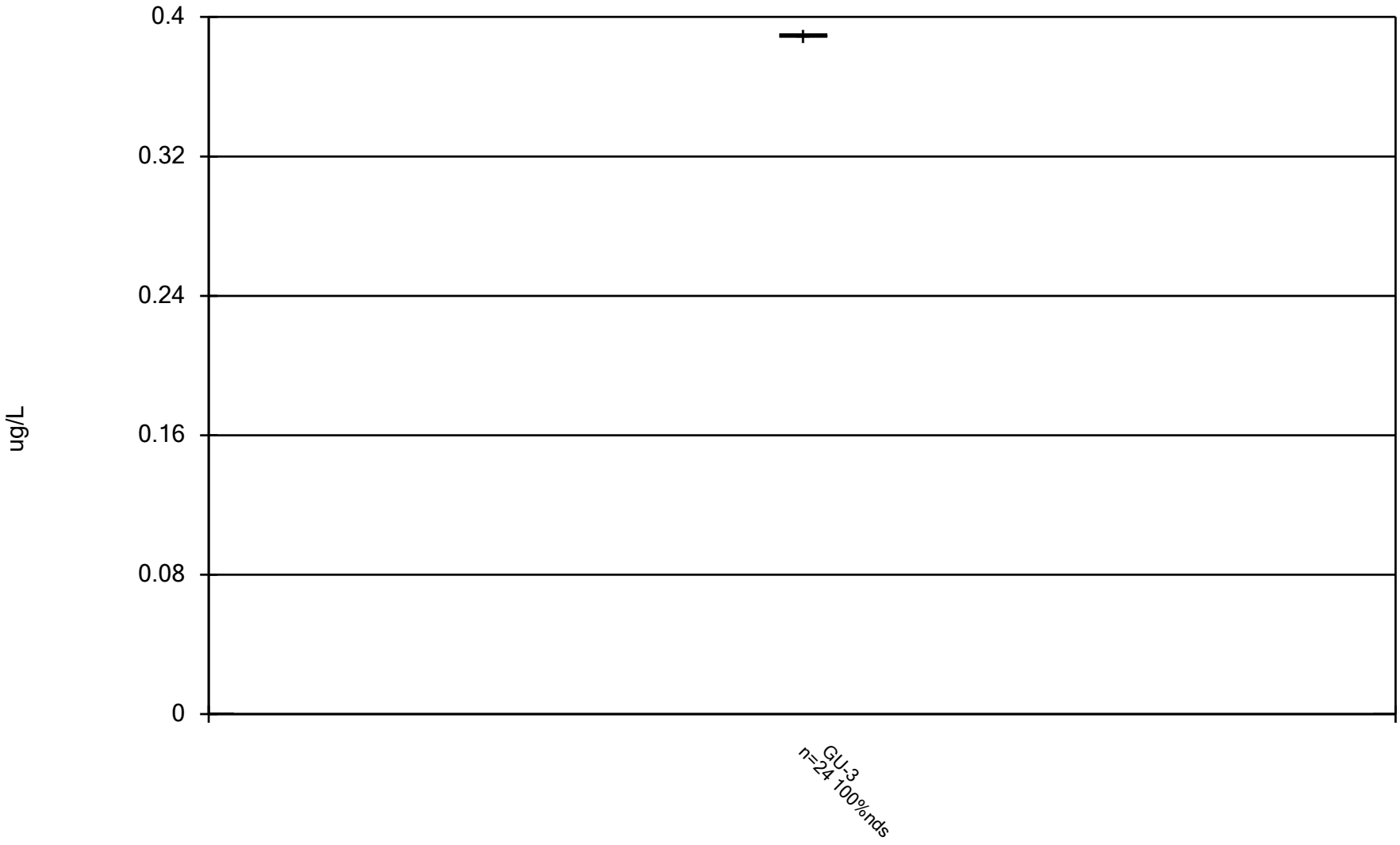
Box & Whiskers Plot



Constituent: Bromodichloromethane Analysis Run 6/13/2025 8:15 AM View: Underdrains_Appendix I VOC DMASWA Data: DMASWA Database_Updated

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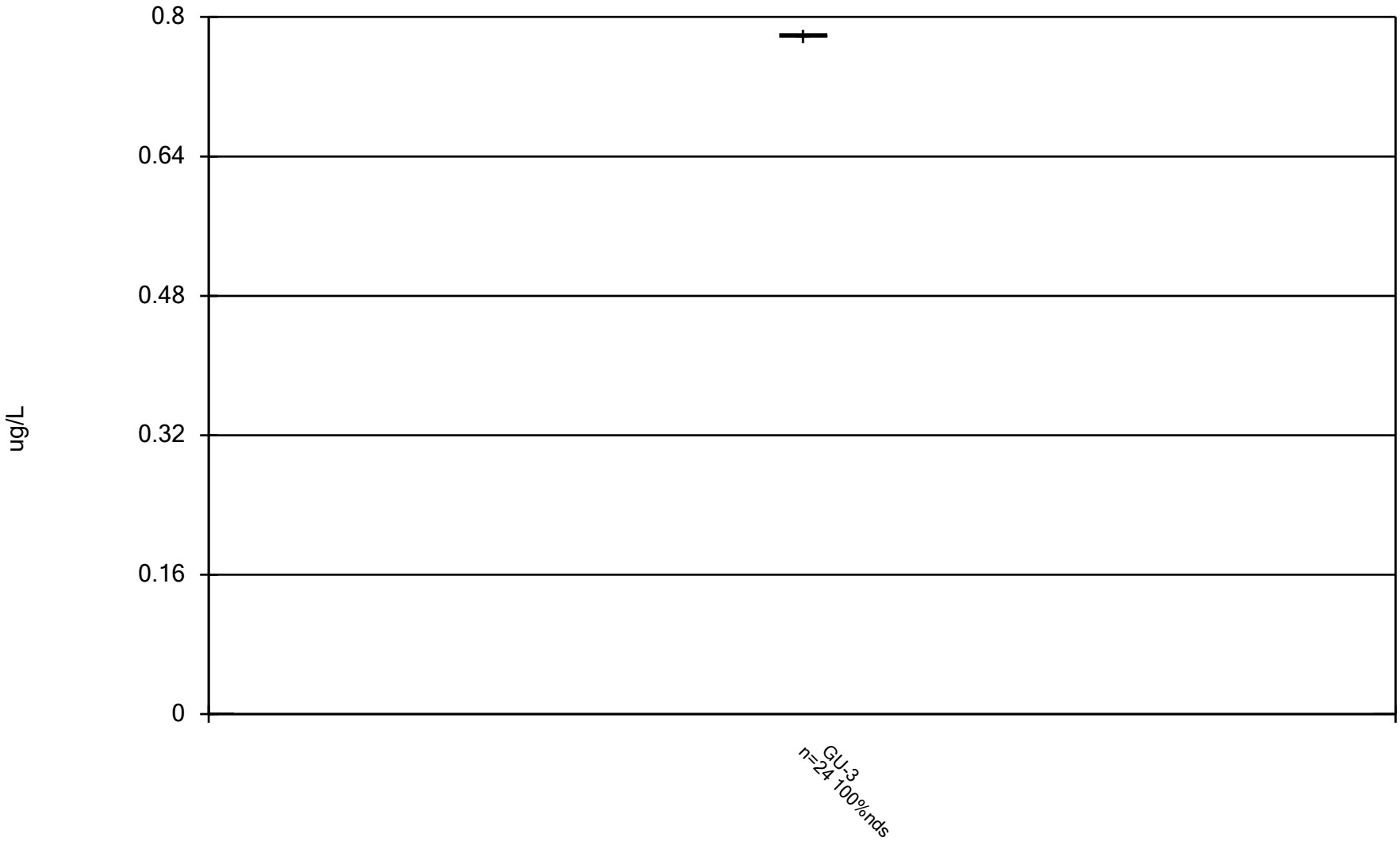
Box & Whiskers Plot



Constituent: Bromoform Analysis Run 6/13/2025 8:15 AM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

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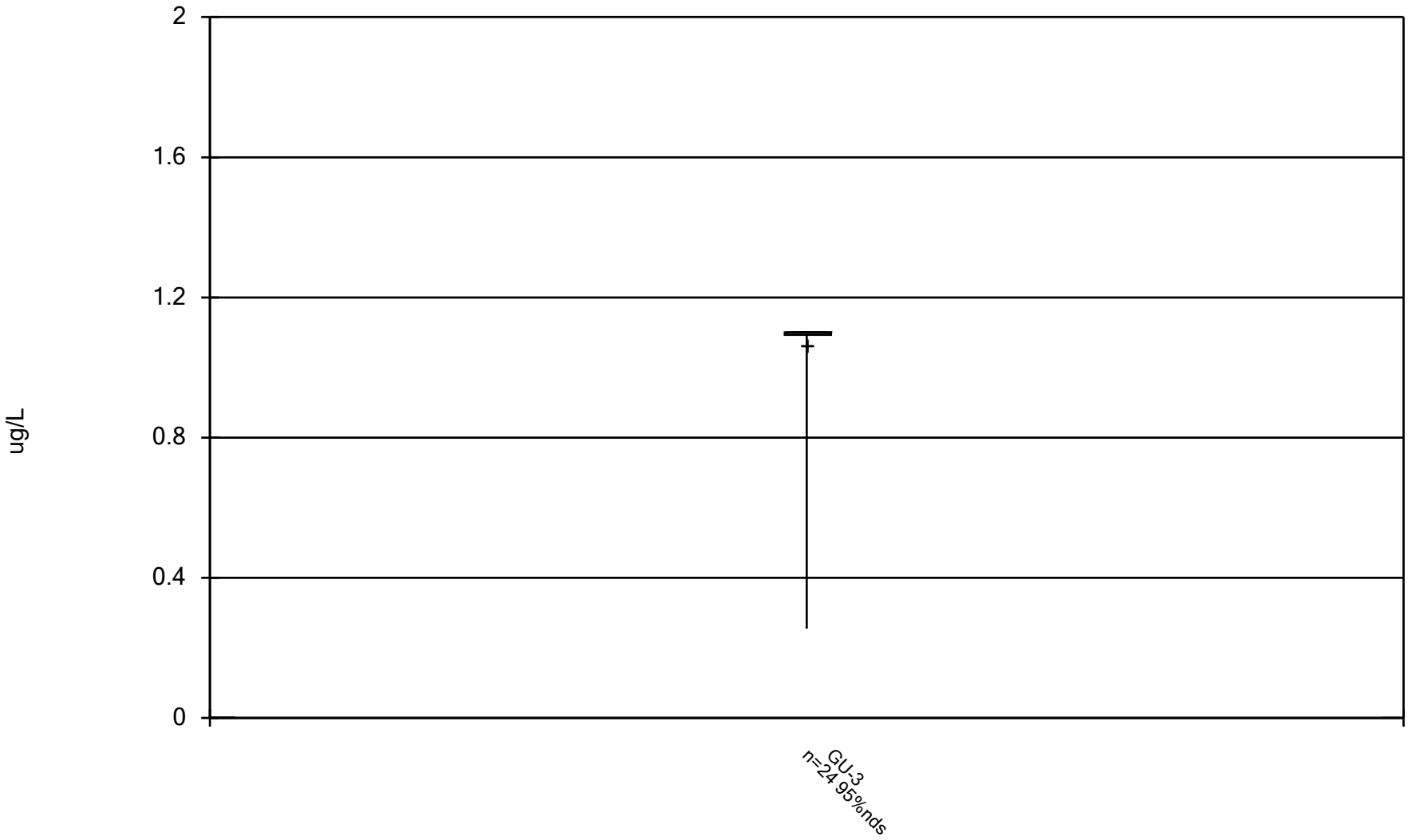
Box & Whiskers Plot



Constituent: Bromomethane Analysis Run 6/13/2025 8:15 AM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

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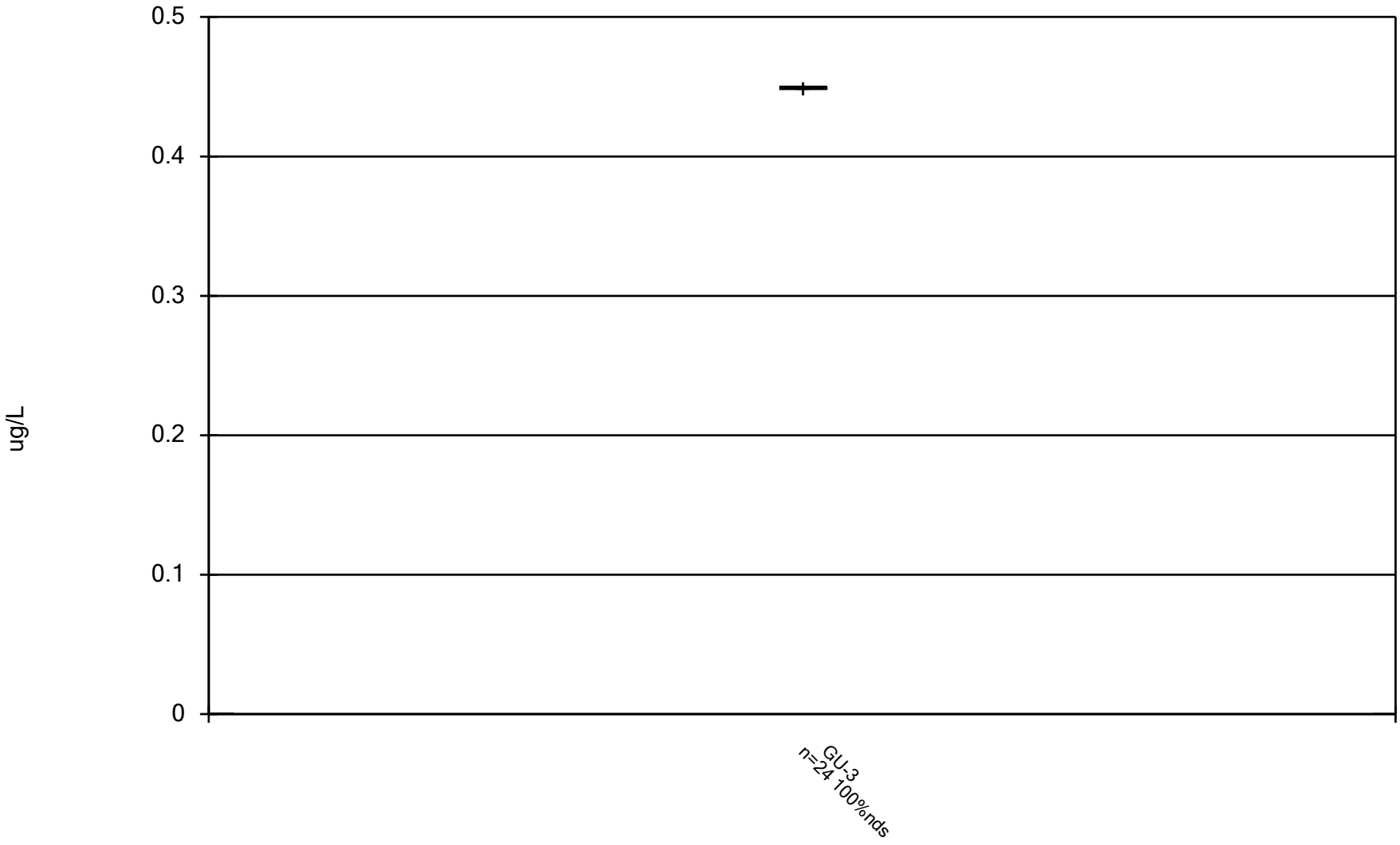
Box & Whiskers Plot



Constituent: Carbon disulfide Analysis Run 6/13/2025 8:15 AM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

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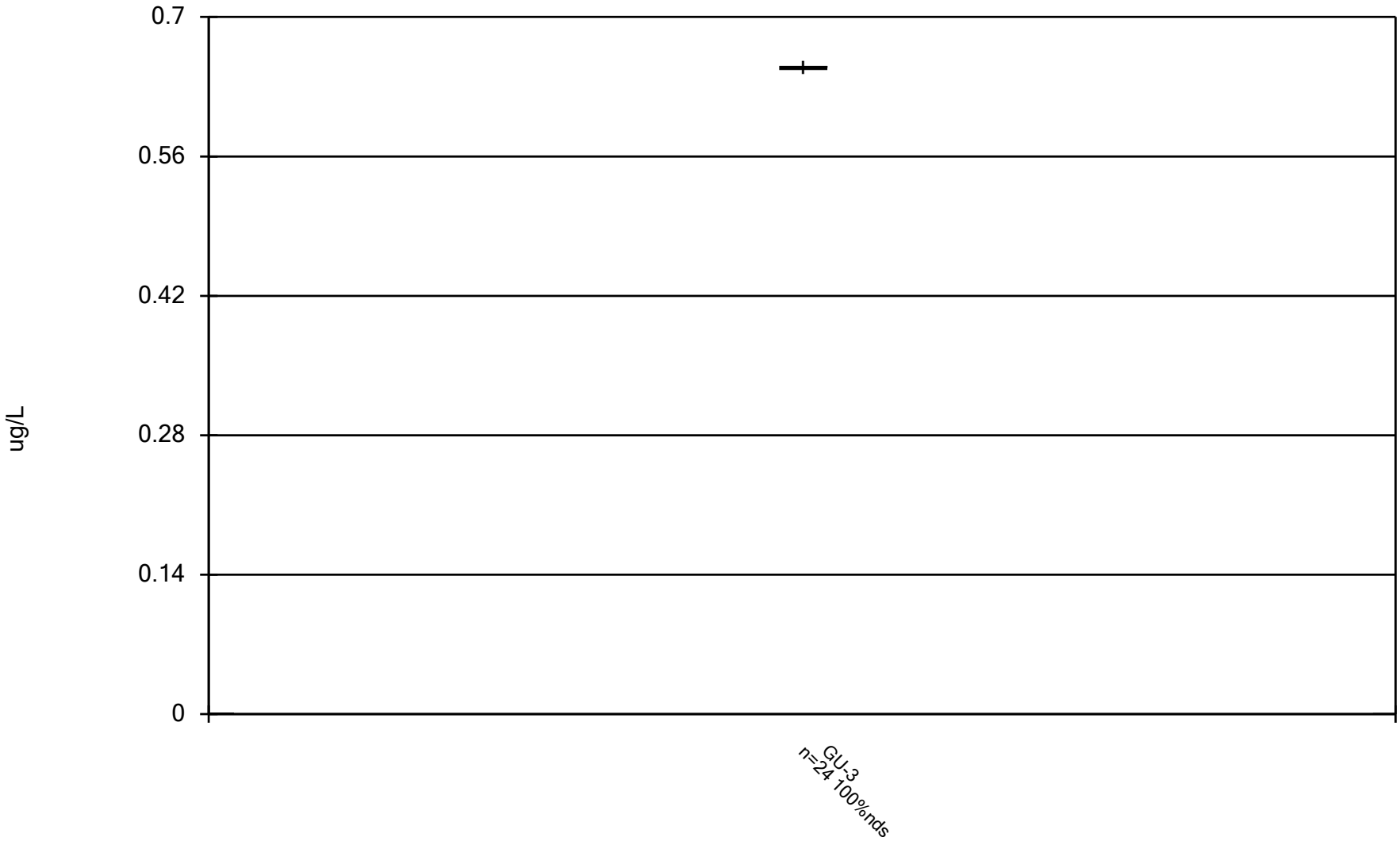
Box & Whiskers Plot



Constituent: Carbon Tetrachloride Analysis Run 6/13/2025 8:15 AM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

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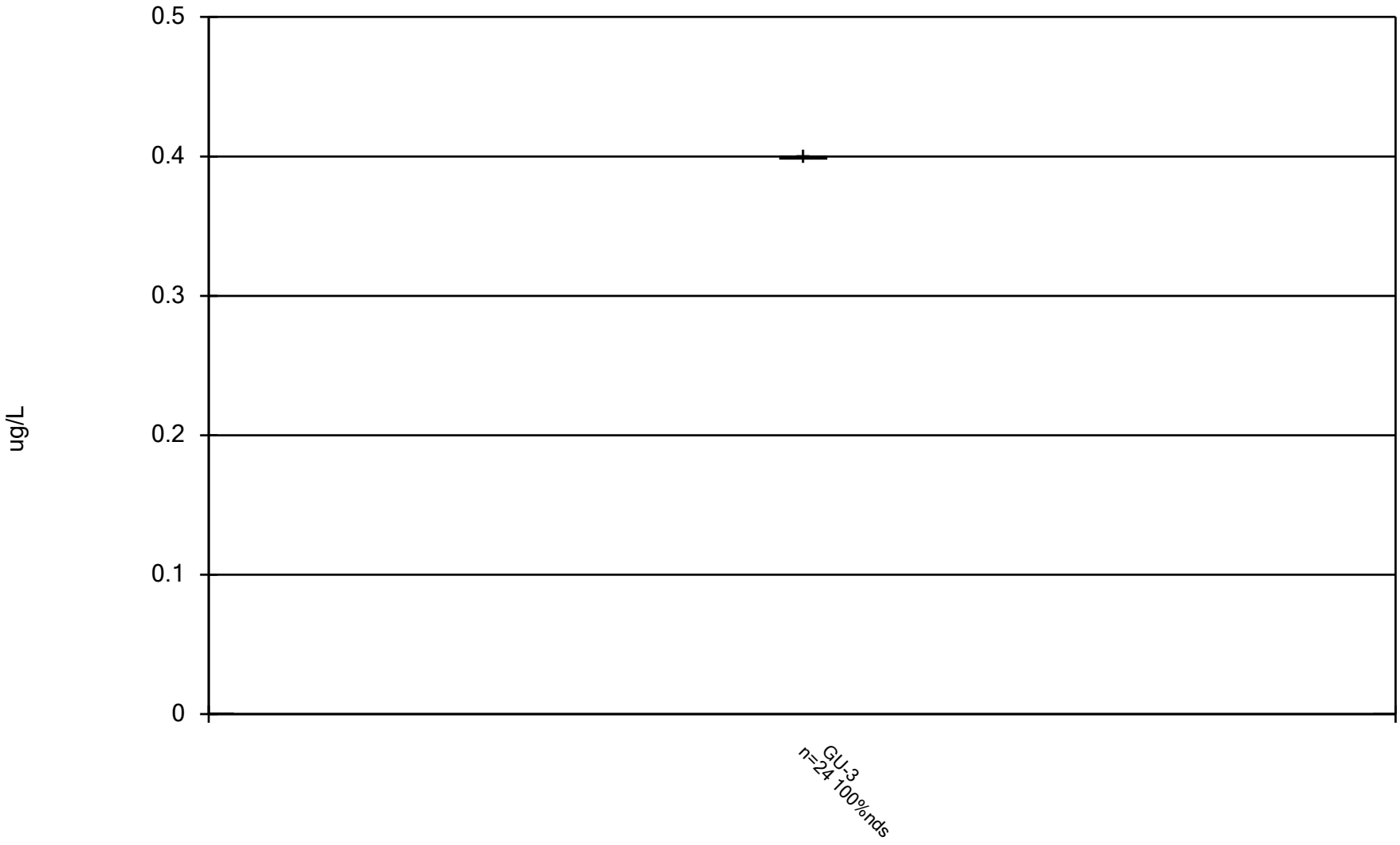
Box & Whiskers Plot



Constituent: Chlorobenzene Analysis Run 6/13/2025 8:15 AM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

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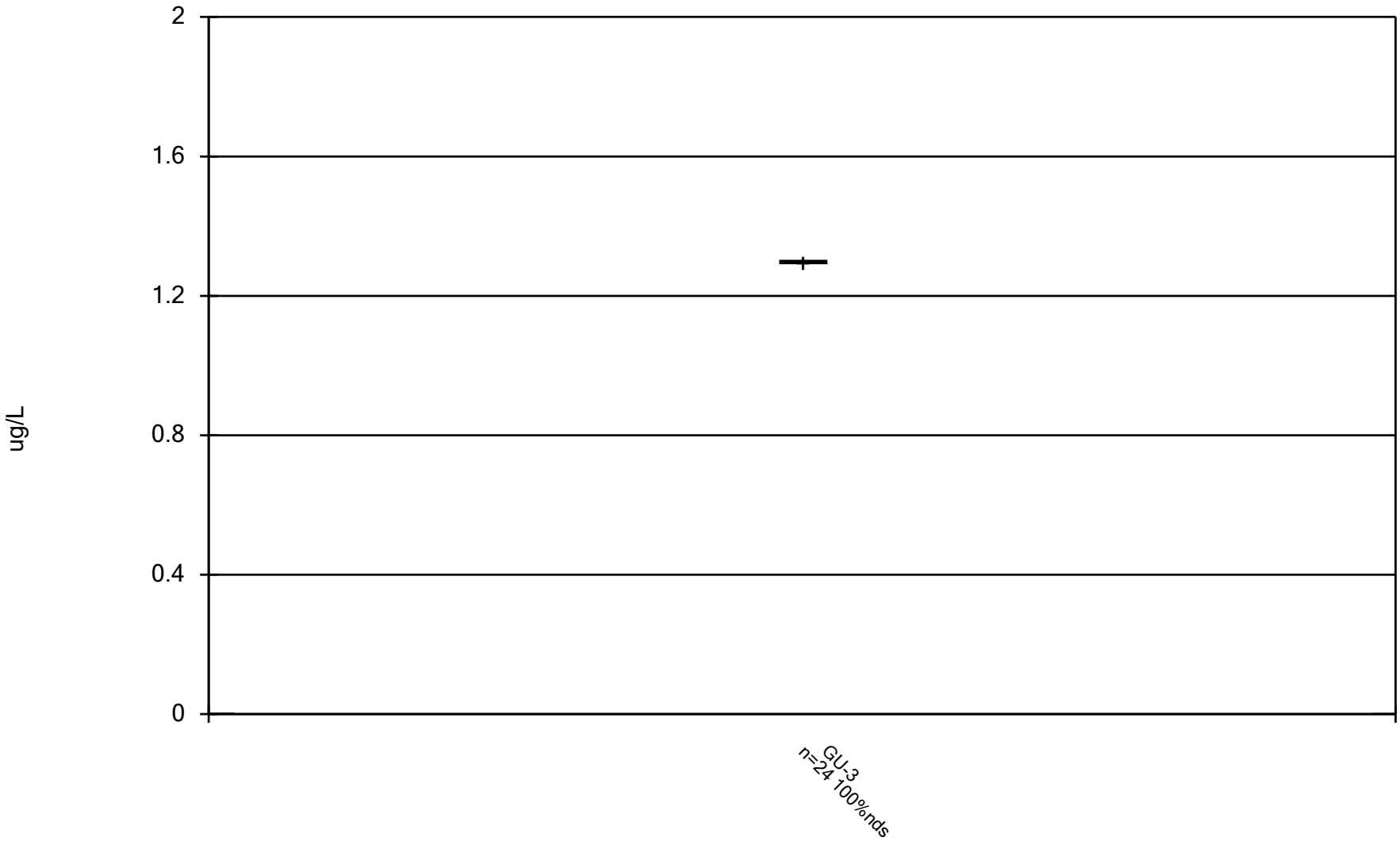
Box & Whiskers Plot



Constituent: Chloroform Analysis Run 6/13/2025 8:15 AM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

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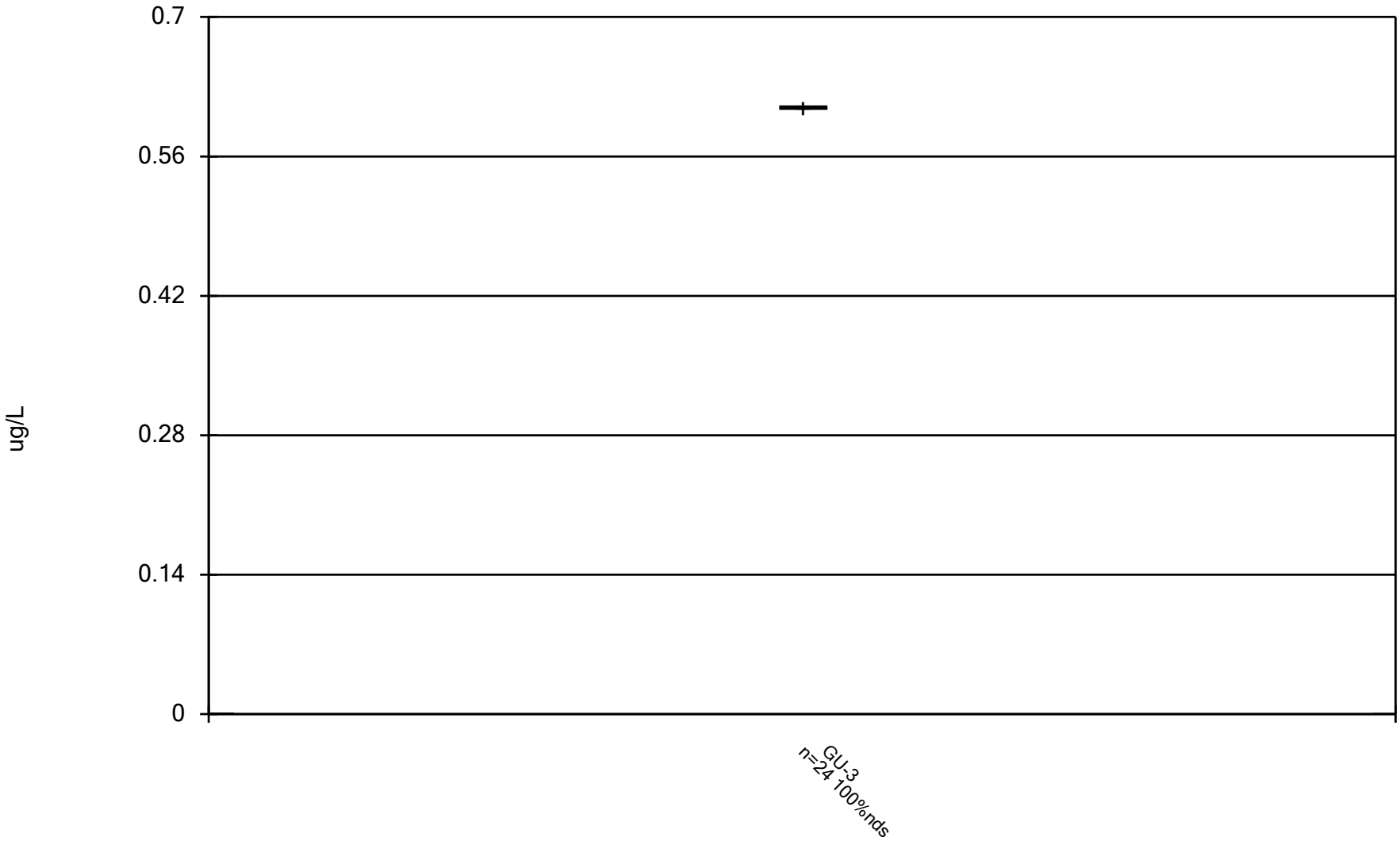
Box & Whiskers Plot



Constituent: Chloromethane Analysis Run 6/13/2025 8:15 AM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

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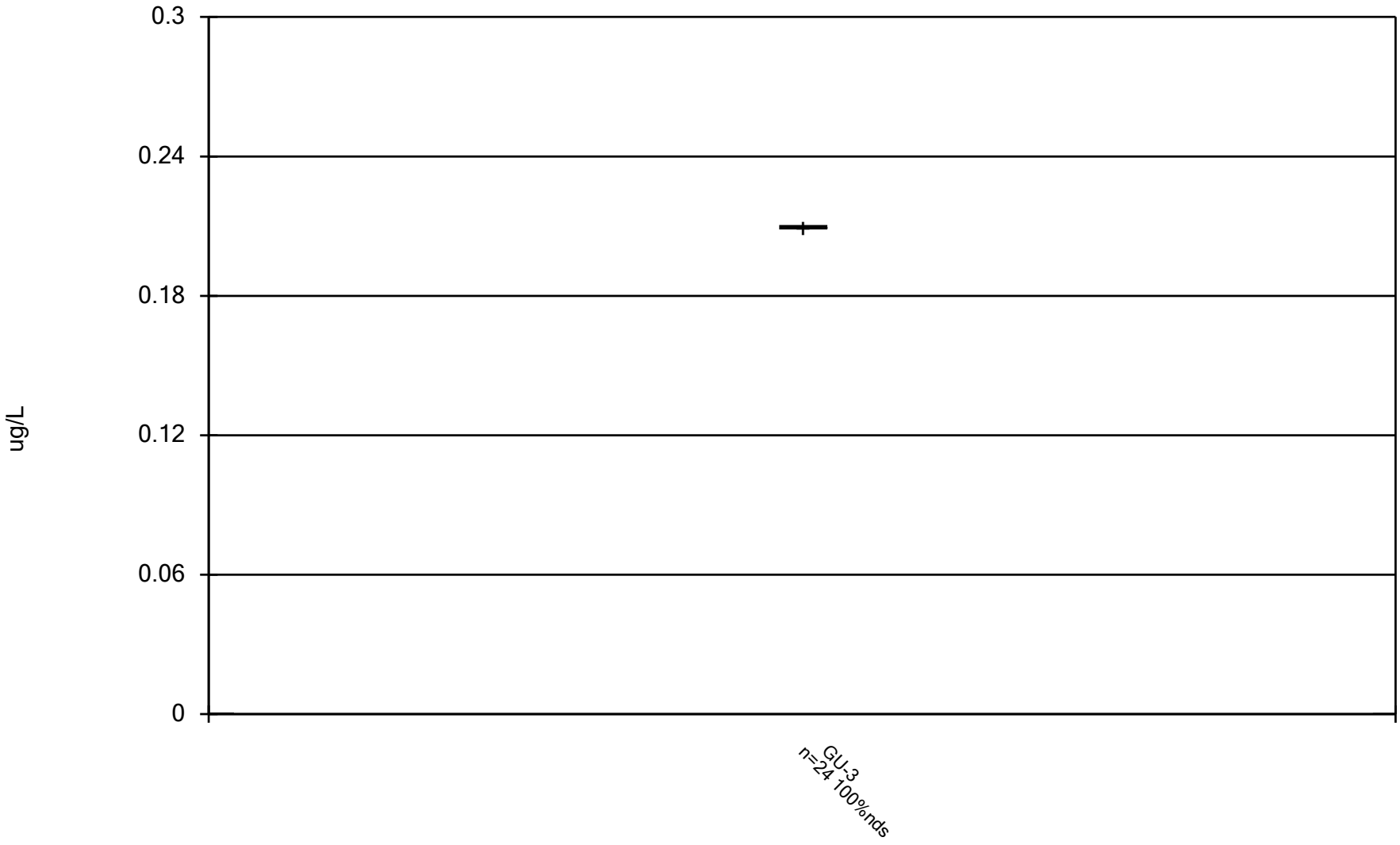
Box & Whiskers Plot



Constituent: cis-1,2-Dichloroethene Analysis Run 6/13/2025 8:15 AM View: Underdrains_Appendix I VOC DMASWA Data: DMASWA Database_Updated

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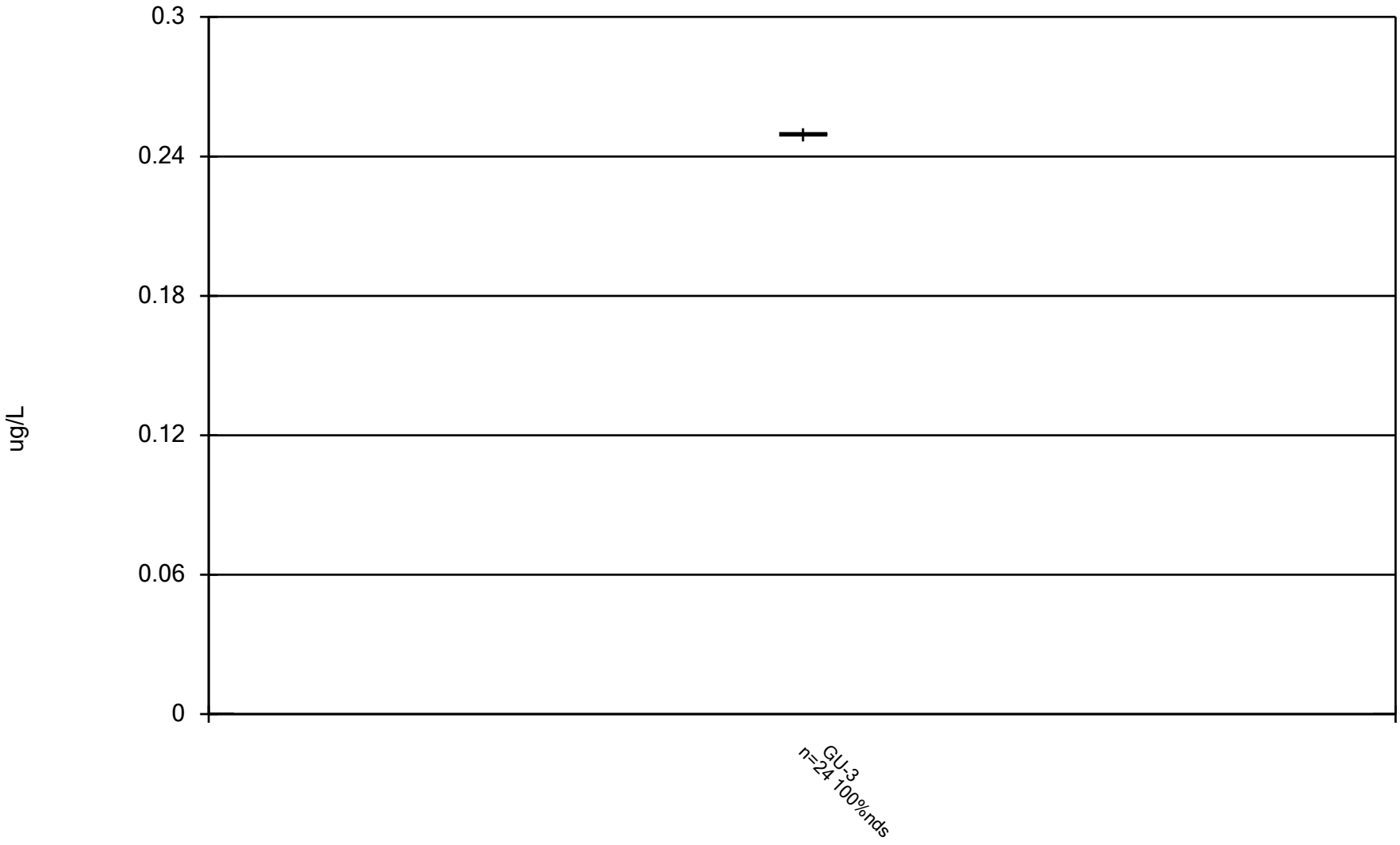
Box & Whiskers Plot



Constituent: cis-1,3-Dichloropropene Analysis Run 6/13/2025 8:15 AM View: Underdrains_Appendix I VO DMASWA Data: DMASWA Database_Updated

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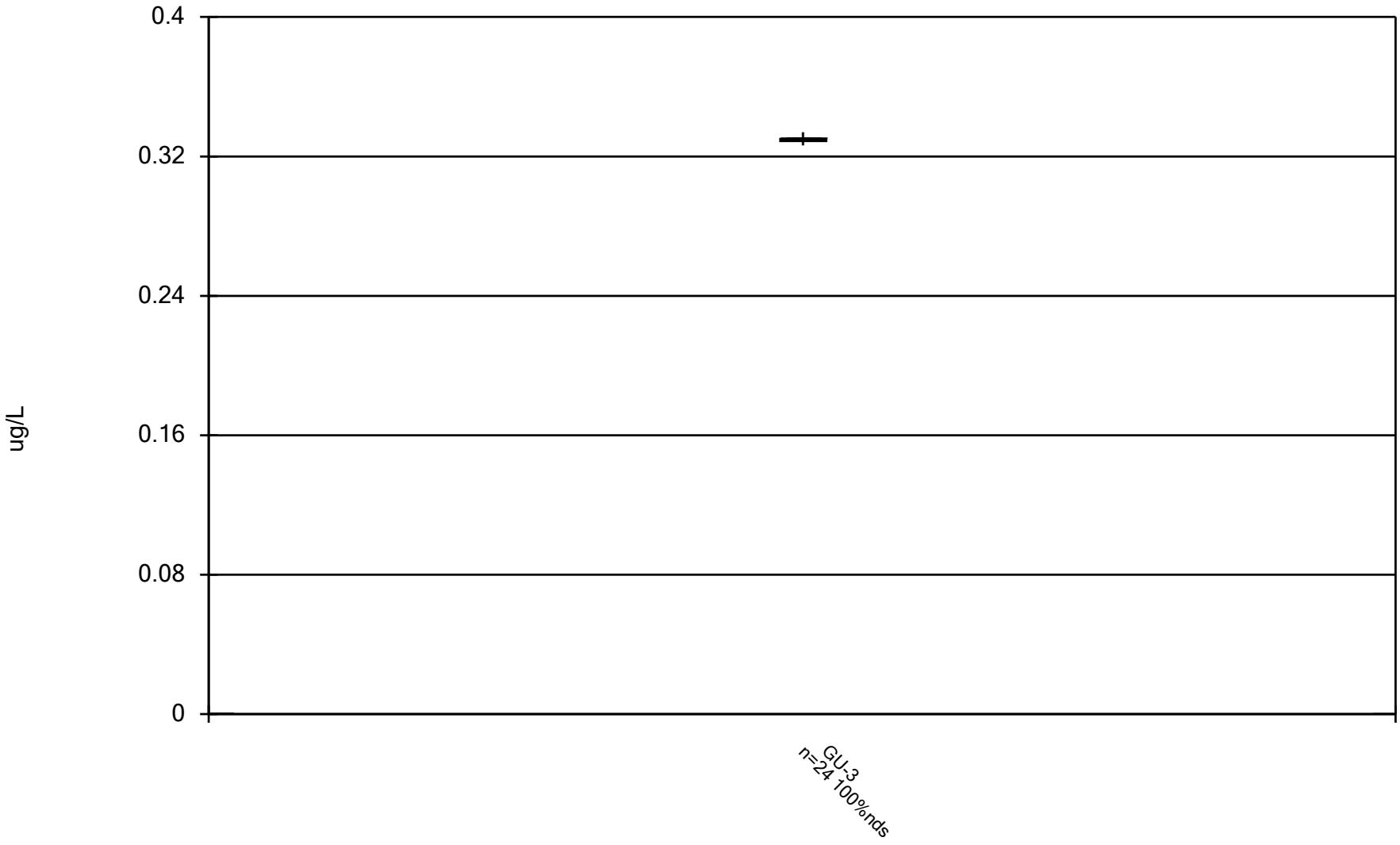
Box & Whiskers Plot



Constituent: Dibromomethane Analysis Run 6/13/2025 8:15 AM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

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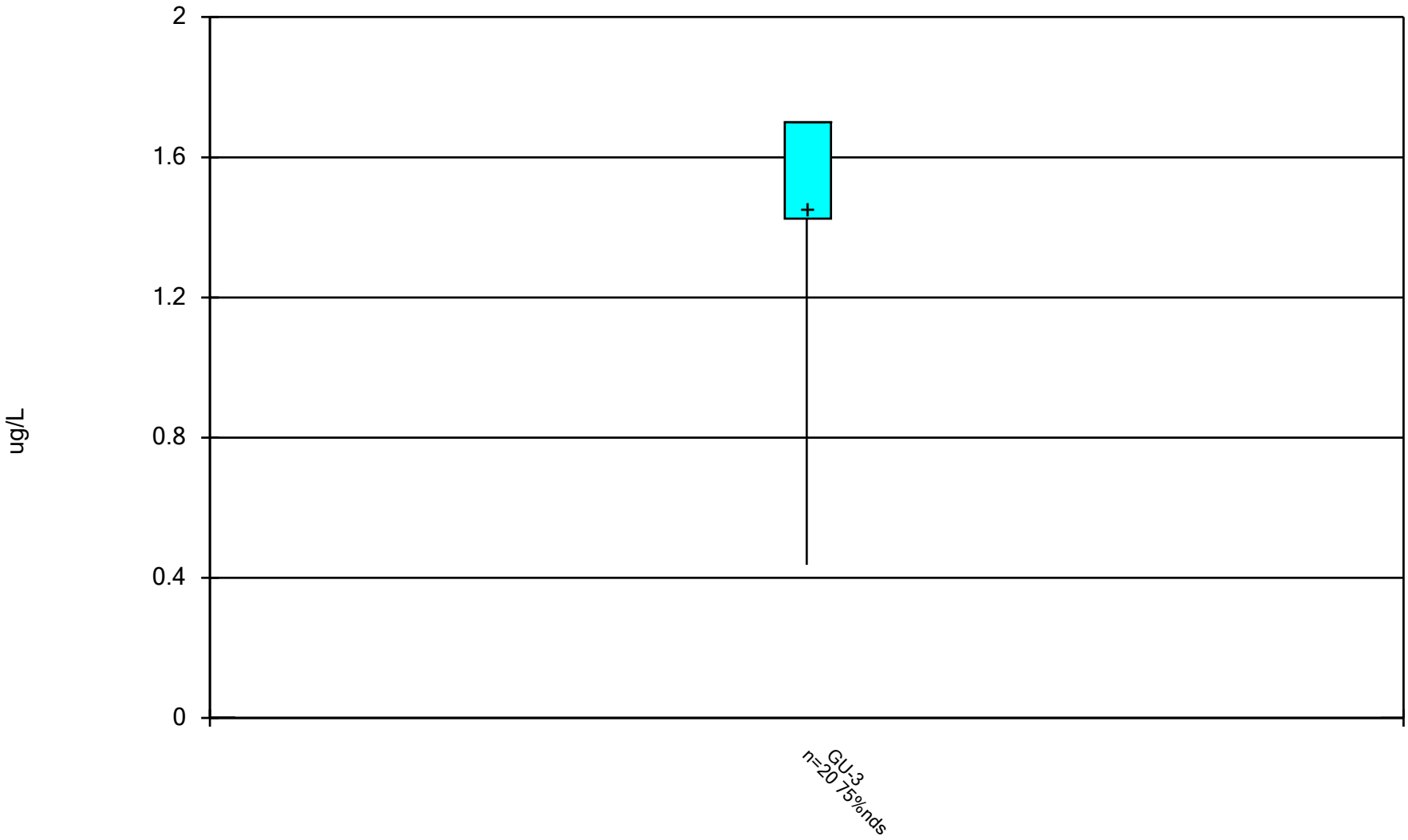
Box & Whiskers Plot



Constituent: Dichloromethane Analysis Run 6/13/2025 8:15 AM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

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Box & Whiskers Plot

Constituent: Ethylbenzene Analysis Run 6/13/2025 8:15 AM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

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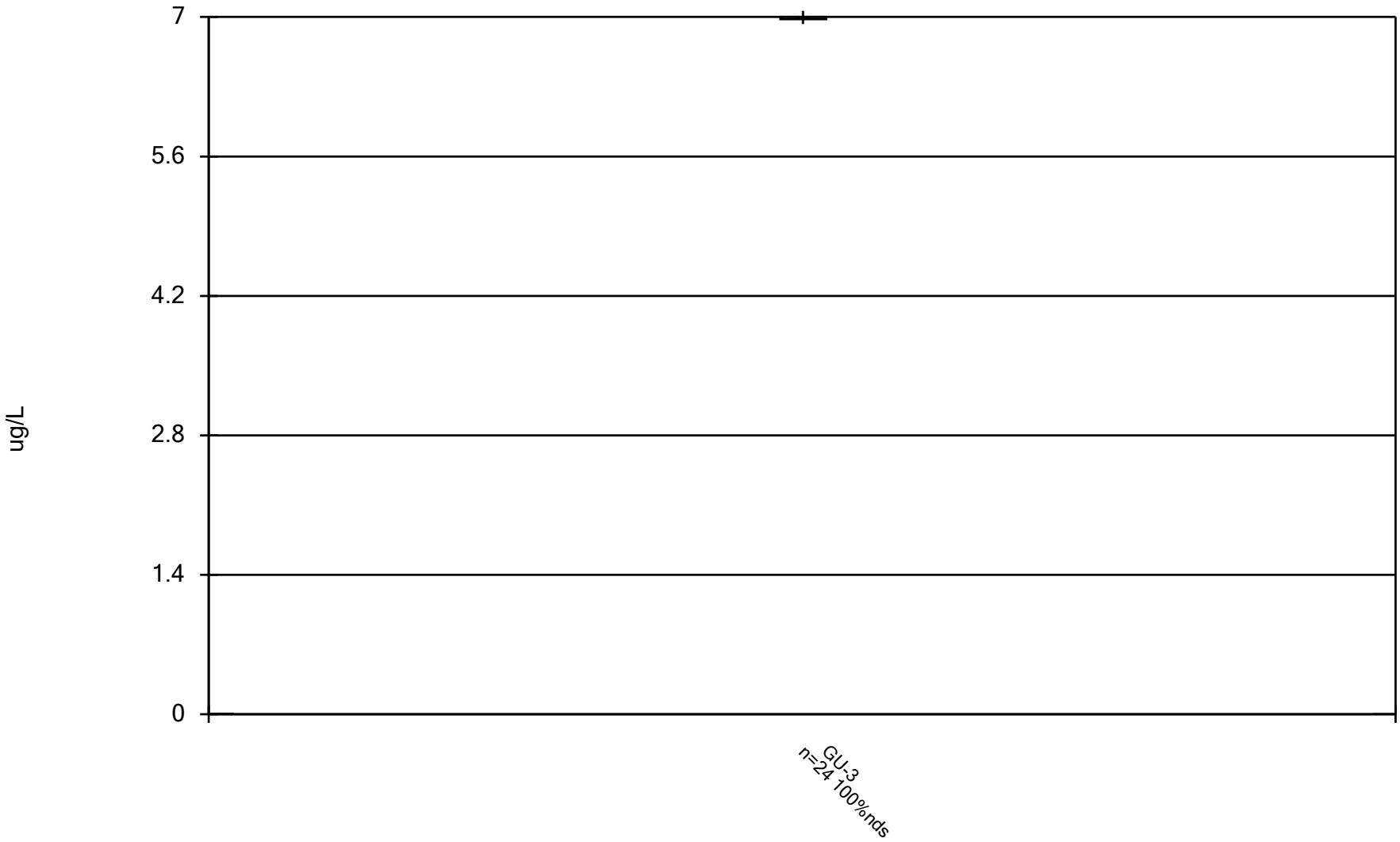
Box & Whiskers Plot



Constituent: Iodomethane Analysis Run 6/13/2025 8:15 AM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

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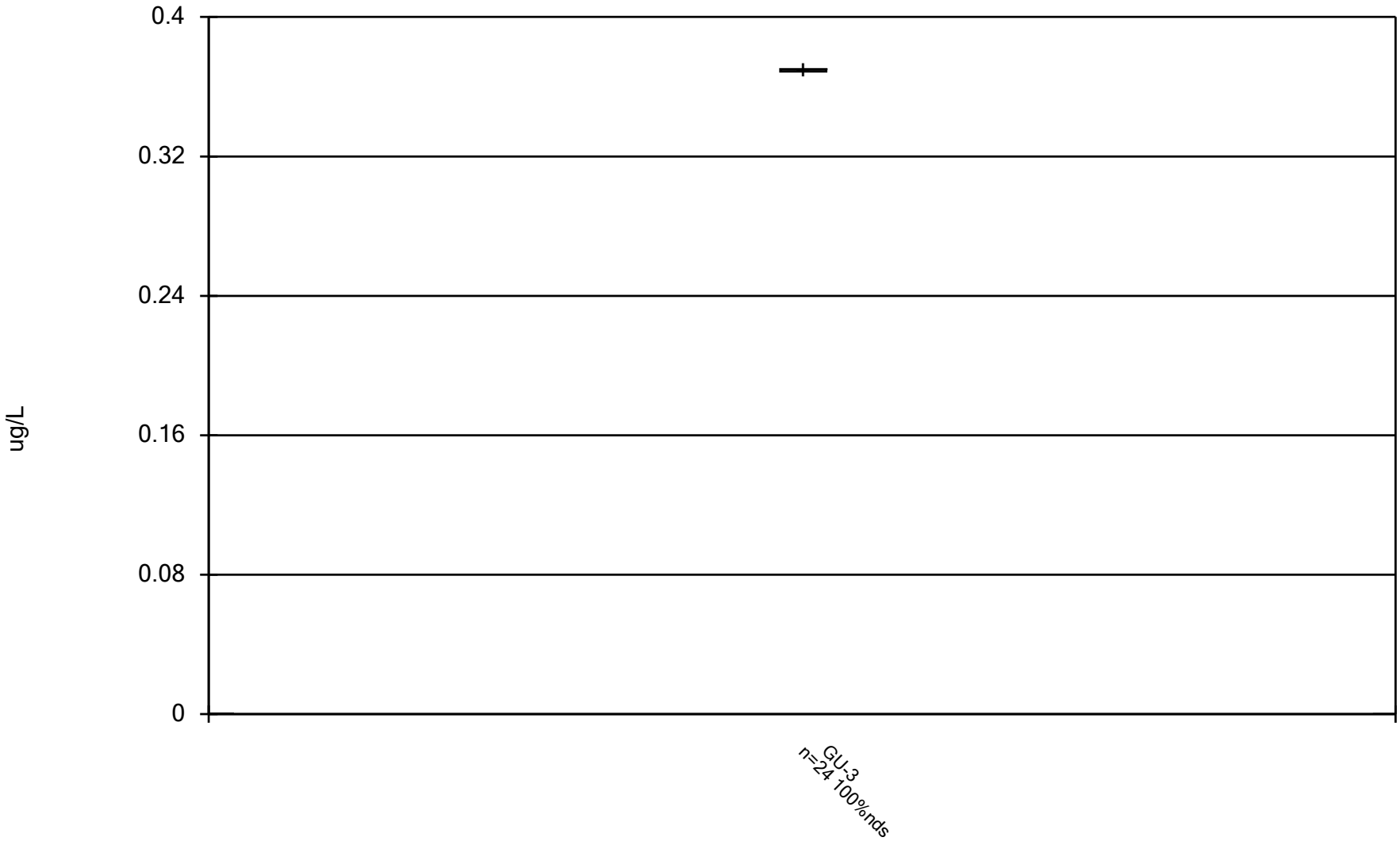
Box & Whiskers Plot



Constituent: Styrene Analysis Run 6/13/2025 8:15 AM View: Underdrains_Appendix I VOCs DMASWA

Data: DMASWA Database_Updated

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Box & Whiskers Plot

Constituent: Tetrachloroethene Analysis Run 6/13/2025 8:15 AM View: Underdrains_Appendix I VOCs DMASWA

Data: DMASWA Database_Updated

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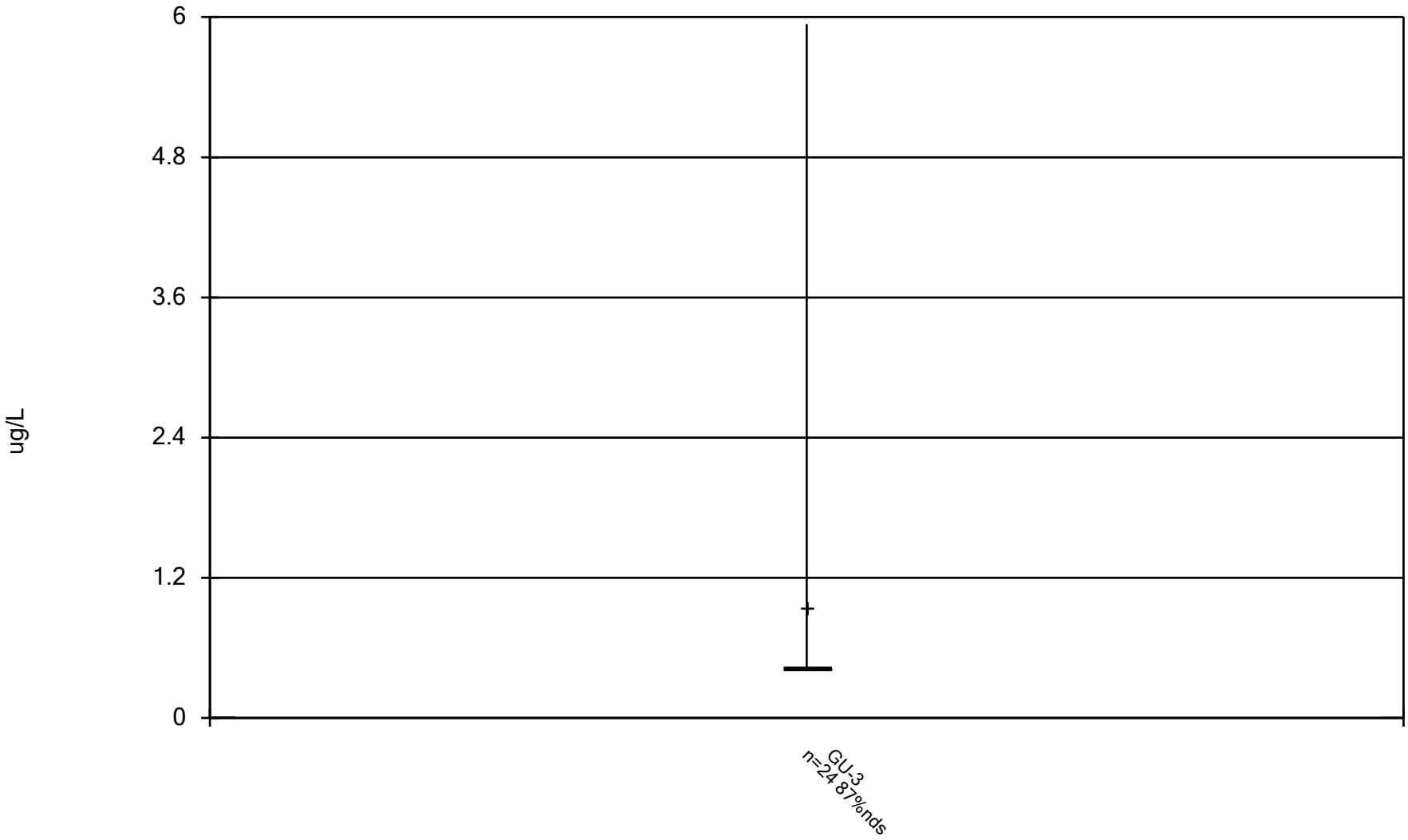
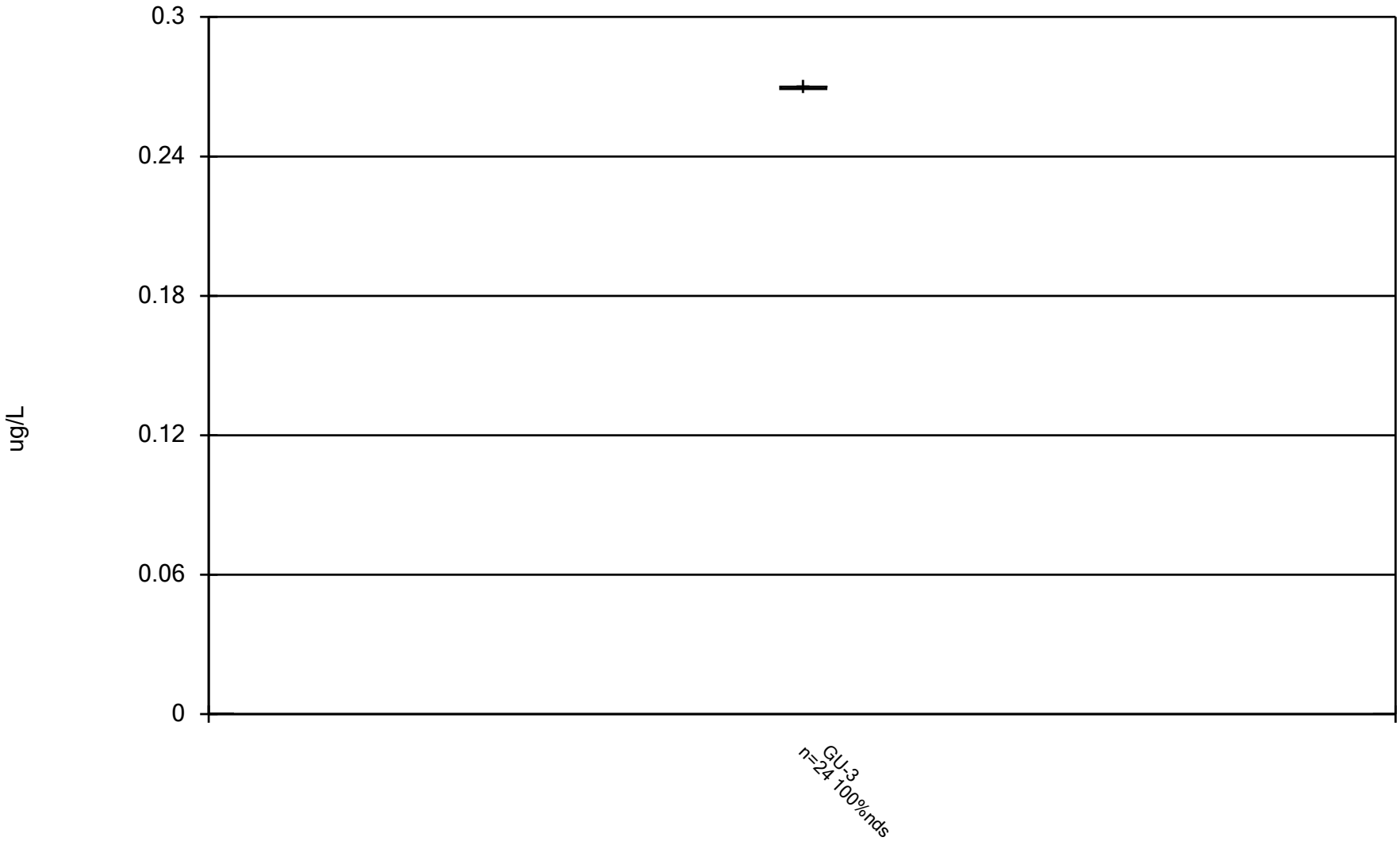
Box & Whiskers Plot



Constituent: Toluene Analysis Run 6/13/2025 8:16 AM View: Underdrains_Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG

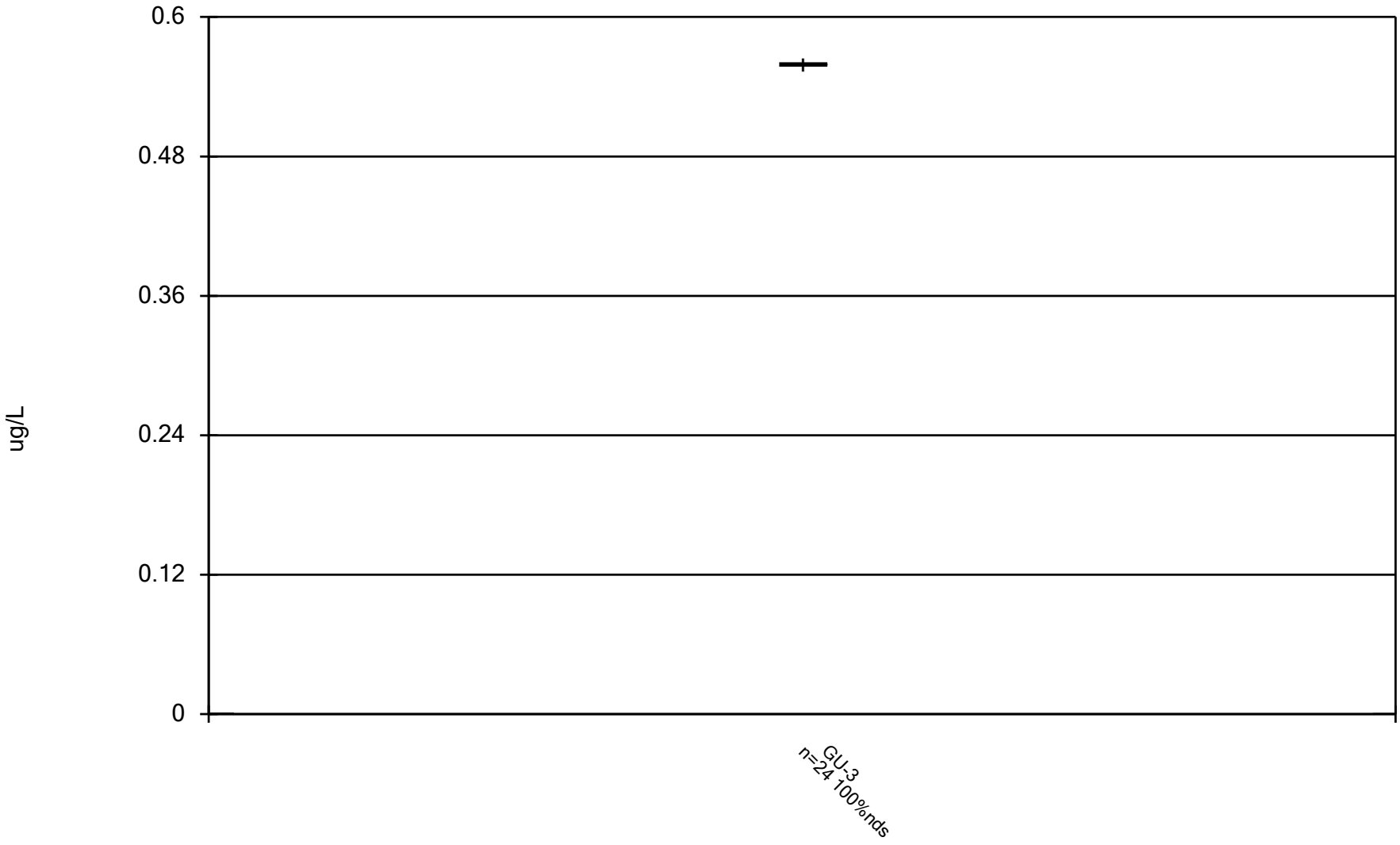
Box & Whiskers Plot



Constituent: trans-1,2-Dichloroethene Analysis Run 6/13/2025 8:16 AM View: Underdrains_Appendix I VO DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG

Box & Whiskers Plot



Constituent: trans-1,3-Dichloropropene Analysis Run 6/13/2025 8:16 AM View: Underdrains_Appendix I V DMASWA Data: DMASWA Database_Updated

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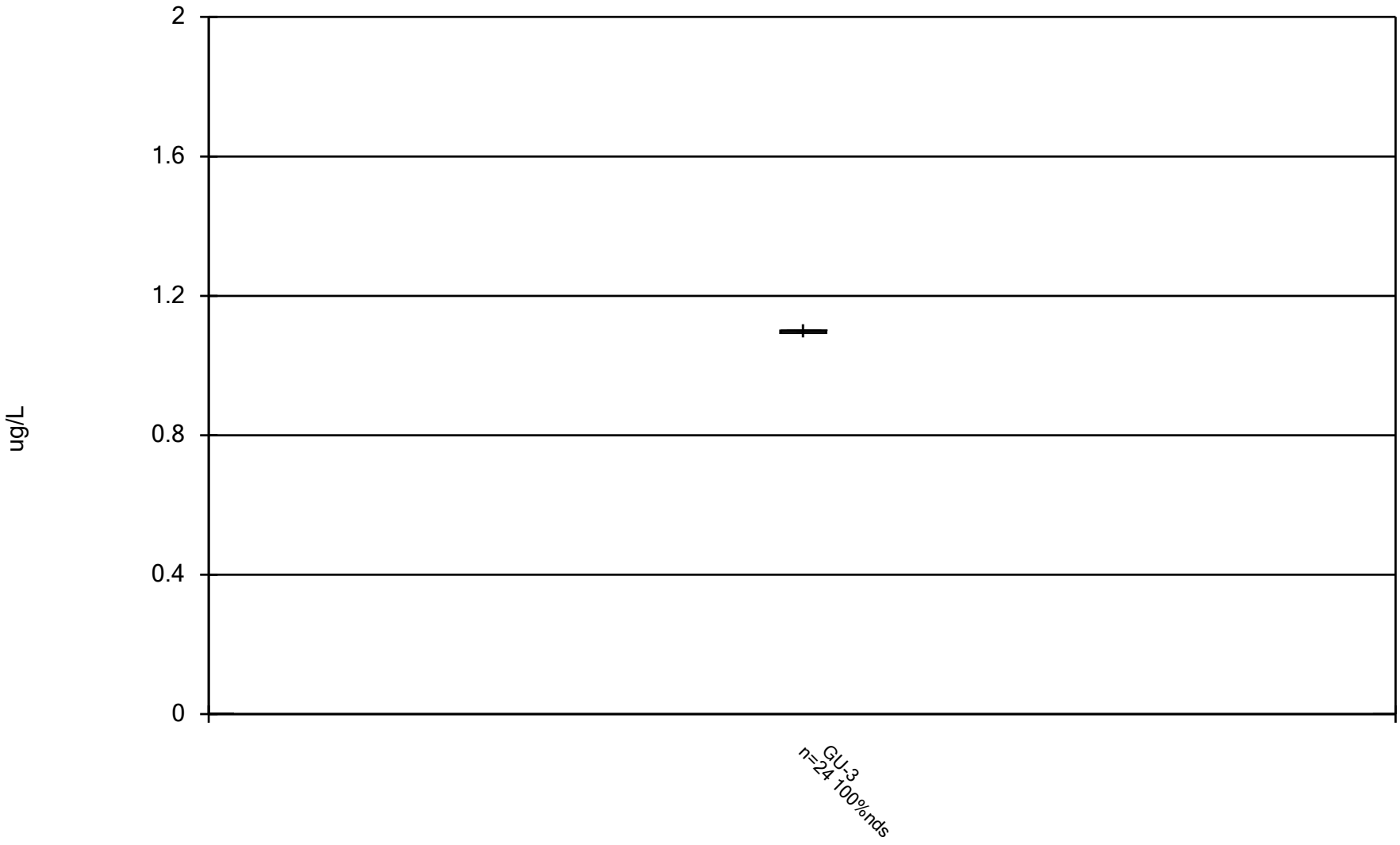
Box & Whiskers Plot



Constituent: trans-1,4-Dichloro-2-butene Analysis Run 6/13/2025 8:16 AM View: Underdrains_Appendix I
DMASWA Data: DMASWA Database_Updated

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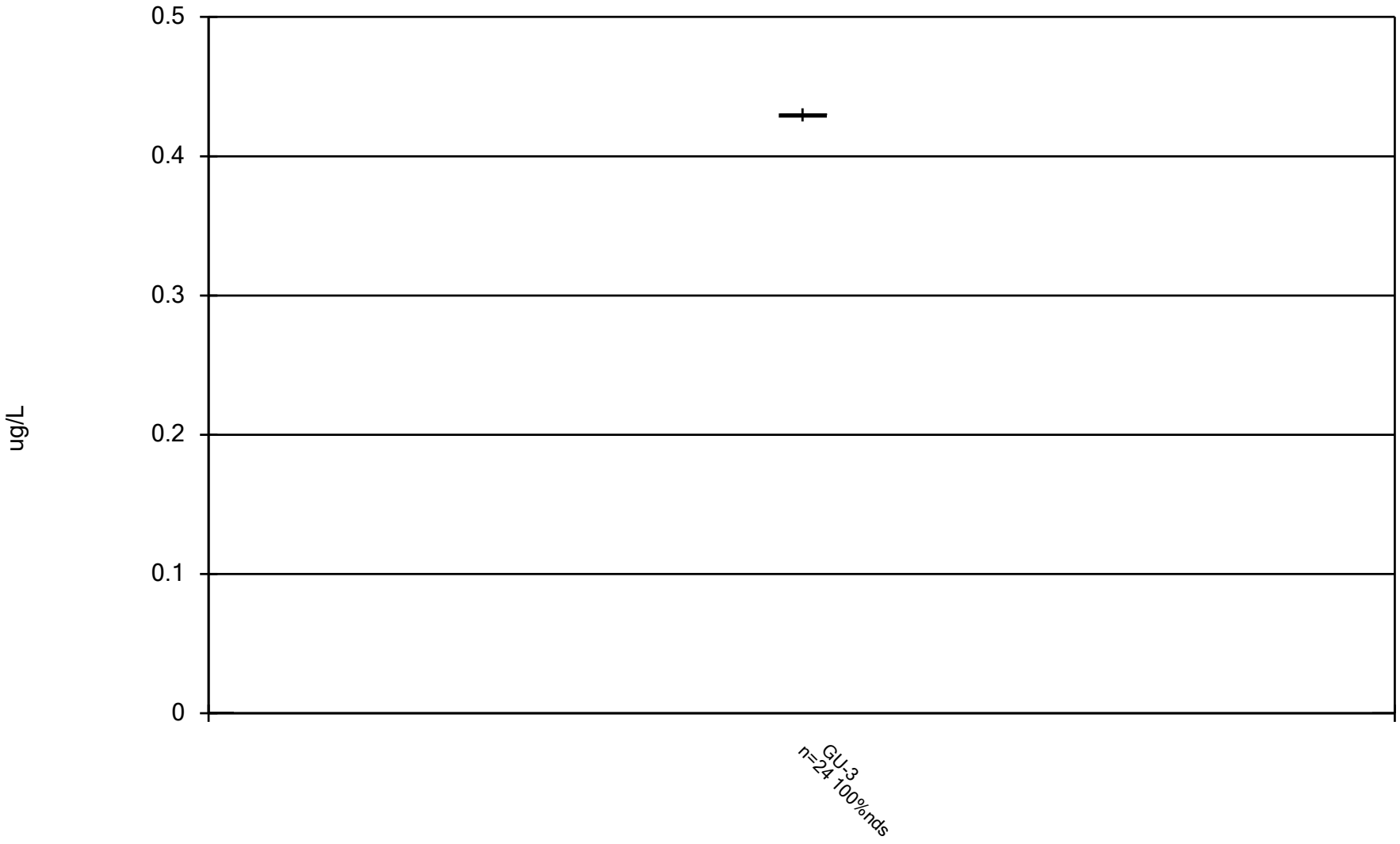
Box & Whiskers Plot



Constituent: Trichloroethene Analysis Run 6/13/2025 8:16 AM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

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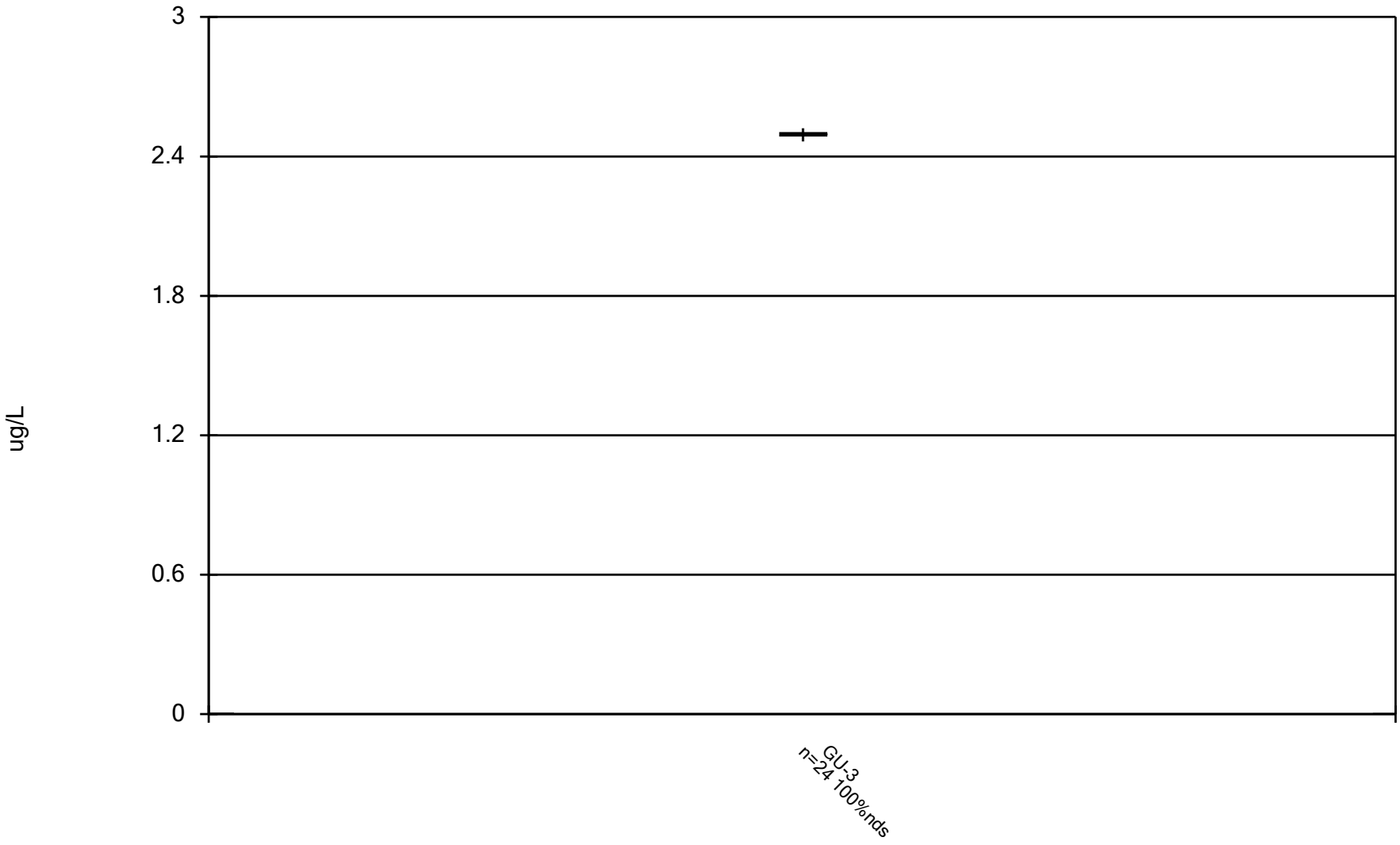
Box & Whiskers Plot



Constituent: Vinyl Acetate Analysis Run 6/13/2025 8:16 AM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

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Box & Whiskers Plot

Constituent: Vinyl chloride Analysis Run 6/13/2025 8:16 AM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

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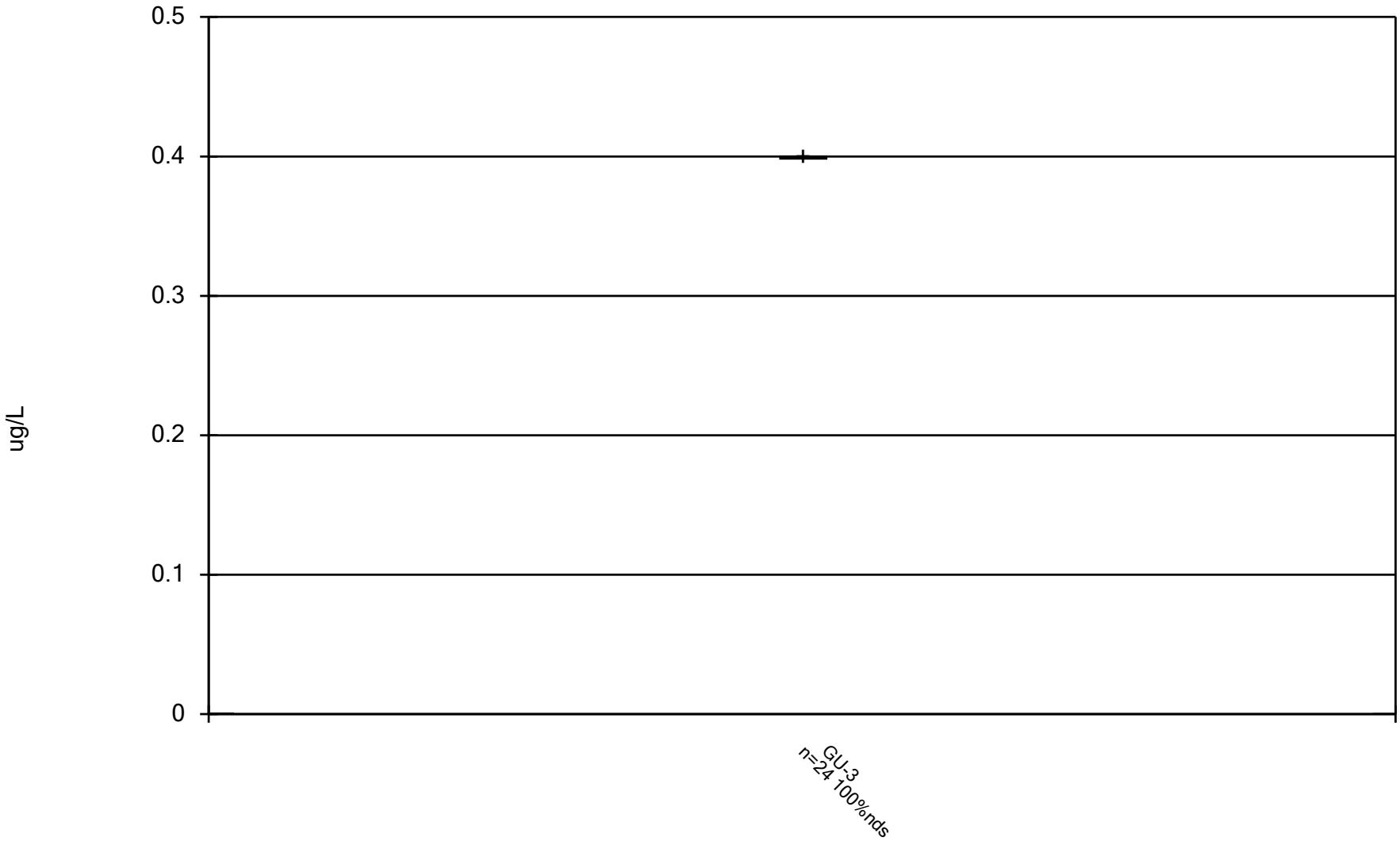
Box & Whiskers Plot



Constituent: Xylenes, Total Analysis Run 6/13/2025 8:16 AM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

Box & Whiskers Plot

DMASWA Data: DMASWA Database_Updated Printed 6/13/2025, 8:16 AM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Min.	Max.	%NDs
1,1,1-Trichloroethane (ug/L)	GU-3	24	0.19	0	0	0.19	0.19	0.19	100
1,1,2,2-Tetrachloroethane (ug/L)	GU-3	24	0.47	0	0	0.47	0.47	0.47	100
1,1,2-Trichloroethane (ug/L)	GU-3	24	0.45	0	0	0.45	0.45	0.45	100
1,1-Dichloroethane (ug/L)	GU-3	24	0.22	0	0	0.22	0.22	0.22	100
1,1-Dichloroethene (ug/L)	GU-3	24	0.56	0	0	0.56	0.56	0.56	100
1,2,3-Trichloropropane (ug/L)	GU-3	24	0.59	0	0	0.59	0.59	0.59	100
1,2-Dibromo-3-chloropropane (ug/L)	GU-3	24	1.2	0	0	1.2	1.2	1.2	100
1,2-Dibromoethane [EDB] (ug/L)	GU-3	24	0.34	0	0	0.34	0.34	0.34	100
1,2-Dichlorobenzene (ug/L)	GU-3	24	0.37	0	0	0.37	0.37	0.37	100
1,2-Dichloroethane (ug/L)	GU-3	24	0.39	0	0	0.39	0.39	0.39	100
1,2-Dichloropropane (ug/L)	GU-3	24	0.27	0	0	0.27	0.27	0.27	100
1,4-Dichlorobenzene (ug/L)	GU-3	24	0.23	0	0	0.23	0.23	0.23	100
2-Butanone [MEK] (ug/L)	GU-3	24	2.1	0	0	2.1	2.1	2.1	100
2-Hexanone (ug/L)	GU-3	24	2	0	0	2	2	2	100
4-Methyl-2-pentanone (ug/L)	GU-3	24	2.1	0	0	2.1	2.1	2.1	100
Acetone (ug/L)	GU-3	21	3.259	0.5902	0.1288	3.1	3.1	5.75	90.48
Acrylonitrile (ug/L)	GU-3	24	2.2	0	0	2.2	2.2	2.2	100
Benzene (ug/L)	GU-3	24	0.22	0	0	0.22	0.22	0.22	100
Bromochloromethane (ug/L)	GU-3	24	0.54	0	0	0.54	0.54	0.54	100
Bromodichloromethane (ug/L)	GU-3	24	0.39	0	0	0.39	0.39	0.39	100
Bromoform (ug/L)	GU-3	24	0.78	0	0	0.78	0.78	0.78	100
Bromomethane (ug/L)	GU-3	24	1.065	0.1725	0.03521	1.1	0.255	1.1	95.83
Carbon disulfide (ug/L)	GU-3	24	0.45	0	0	0.45	0.45	0.45	100
Carbon Tetrachloride (ug/L)	GU-3	24	0.65	0	0	0.65	0.65	0.65	100
Chlorobenzene (ug/L)	GU-3	24	0.4	0	0	0.4	0.4	0.4	100
Chloroform (ug/L)	GU-3	24	1.3	0	0	1.3	1.3	1.3	100
Chloromethane (ug/L)	GU-3	24	0.61	0	0	0.61	0.61	0.61	100
cis-1,2-Dichloroethene (ug/L)	GU-3	24	0.21	0	0	0.21	0.21	0.21	100
cis-1,3-Dichloropropene (ug/L)	GU-3	24	0.25	0	0	0.25	0.25	0.25	100
Dibromomethane (ug/L)	GU-3	24	0.33	0	0	0.33	0.33	0.33	100
Dichloromethane (ug/L)	GU-3	20	1.453	0.4599	0.1028	1.7	0.437	1.7	75
Ethylbenzene (ug/L)	GU-3	24	0.31	0	0	0.31	0.31	0.31	100
Iodomethane (ug/L)	GU-3	24	7	0	0	7	7	7	100
Styrene (ug/L)	GU-3	24	0.37	0	0	0.37	0.37	0.37	100
Tetrachloroethene (ug/L)	GU-3	24	0.48	0	0	0.48	0.48	0.48	100
Toluene (ug/L)	GU-3	24	0.9463	1.473	0.3006	0.43	0.43	5.94	87.5
trans-1,2-Dichloroethene (ug/L)	GU-3	24	0.27	0	0	0.27	0.27	0.27	100
trans-1,3-Dichloropropene (ug/L)	GU-3	24	0.56	0	0	0.56	0.56	0.56	100
trans-1,4-Dichloro-2-butene (ug/L)	GU-3	24	1.1	0	0	1.1	1.1	1.1	100
Trichloroethene (ug/L)	GU-3	24	0.43	0	0	0.43	0.43	0.43	100
Vinyl Acetate (ug/L)	GU-3	24	2.5	0	0	2.5	2.5	2.5	100
Vinyl chloride (ug/L)	GU-3	24	0.18	0	0	0.18	0.18	0.18	100
Xylenes, Total (ug/L)	GU-3	24	0.4	0	0	0.4	0.4	0.4	100

Groundwater Underdrains – Appendix I VOCs

Trend Analysis

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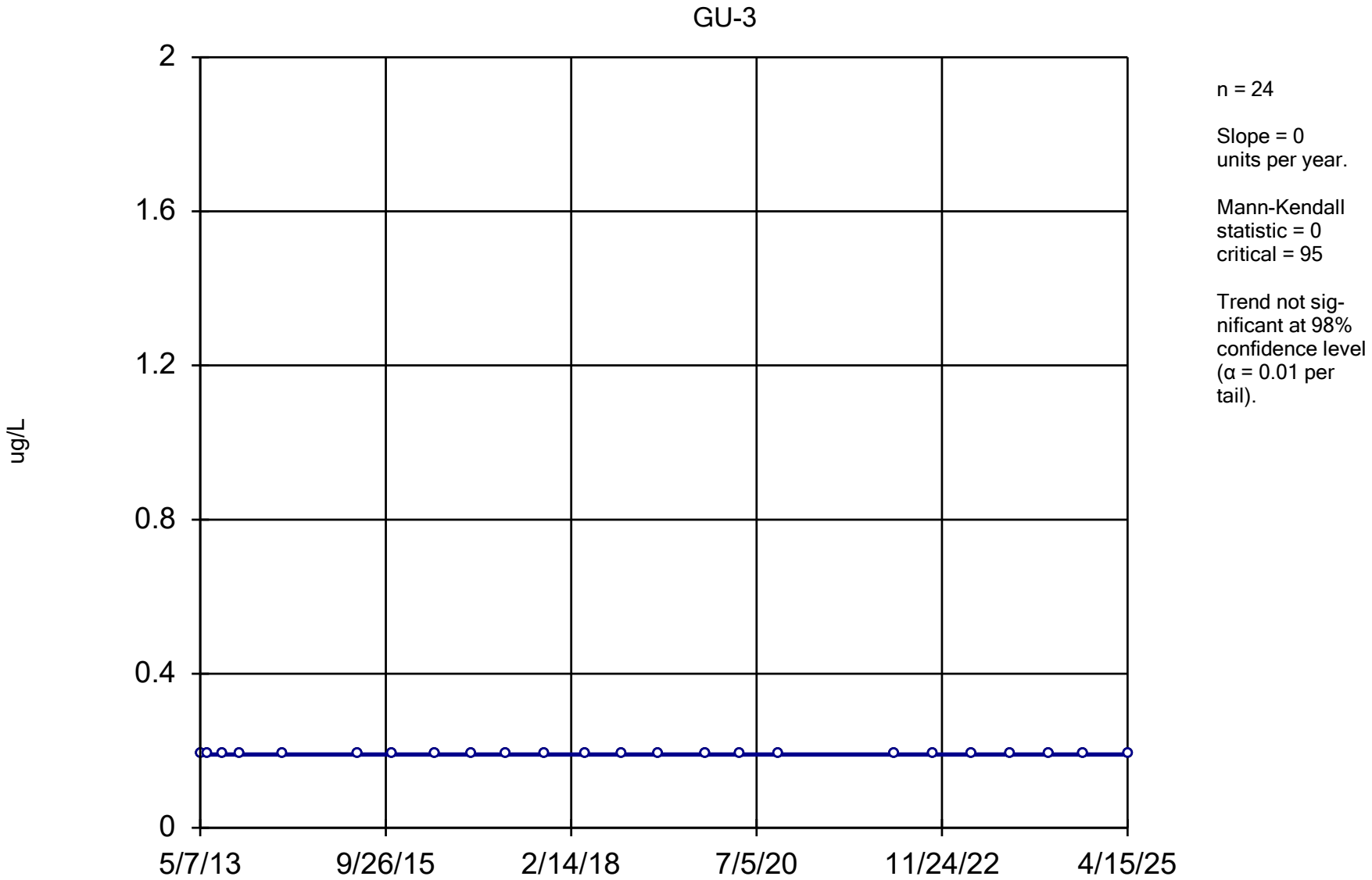
Hollow symbols indicate censored values.

Sen's Slope Estimator

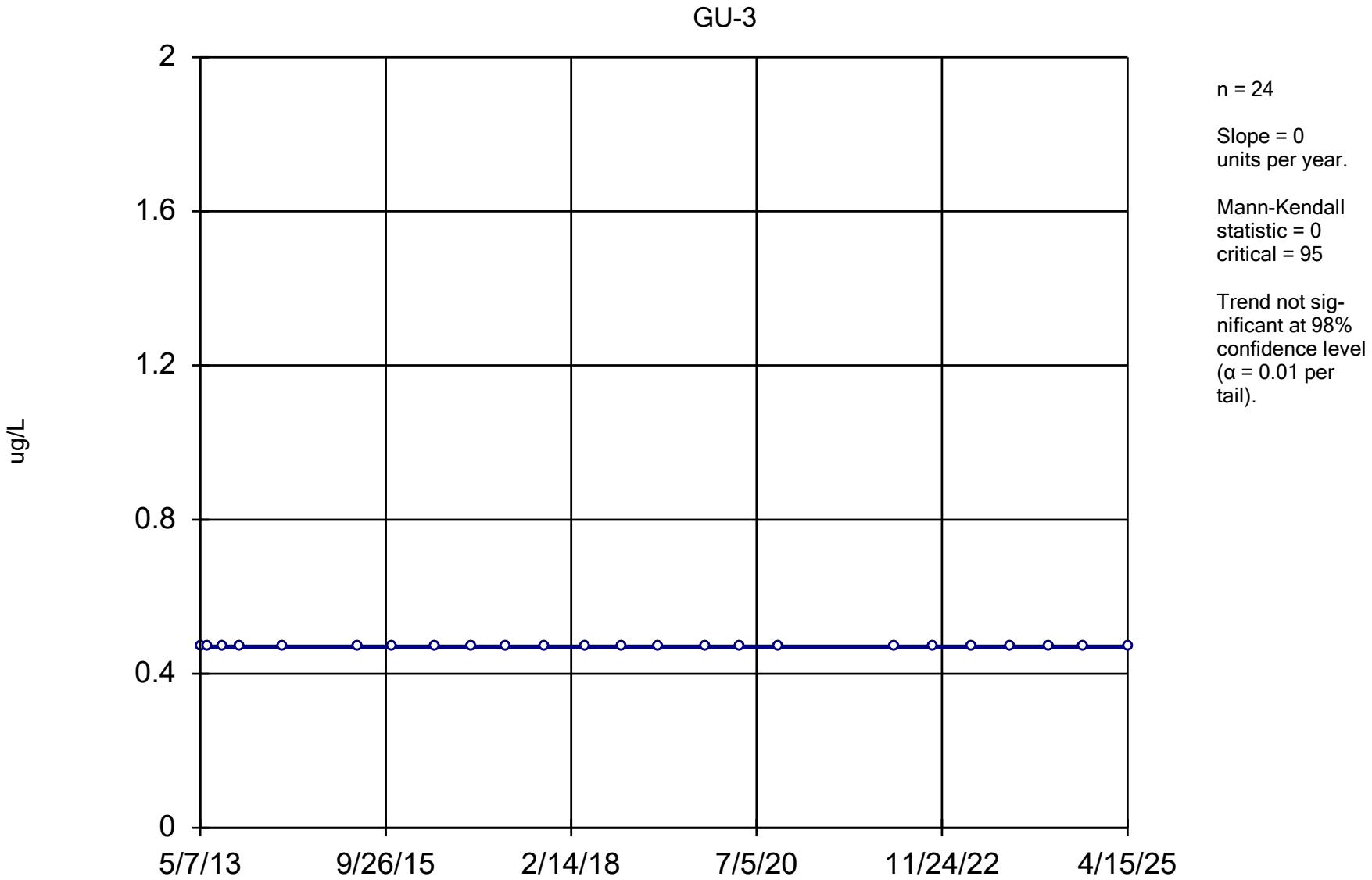


Constituent: 1,1,1-Trichloroethane Analysis Run 6/13/2025 8:18 AM View: Underdrains_Appendix I VOCs

DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

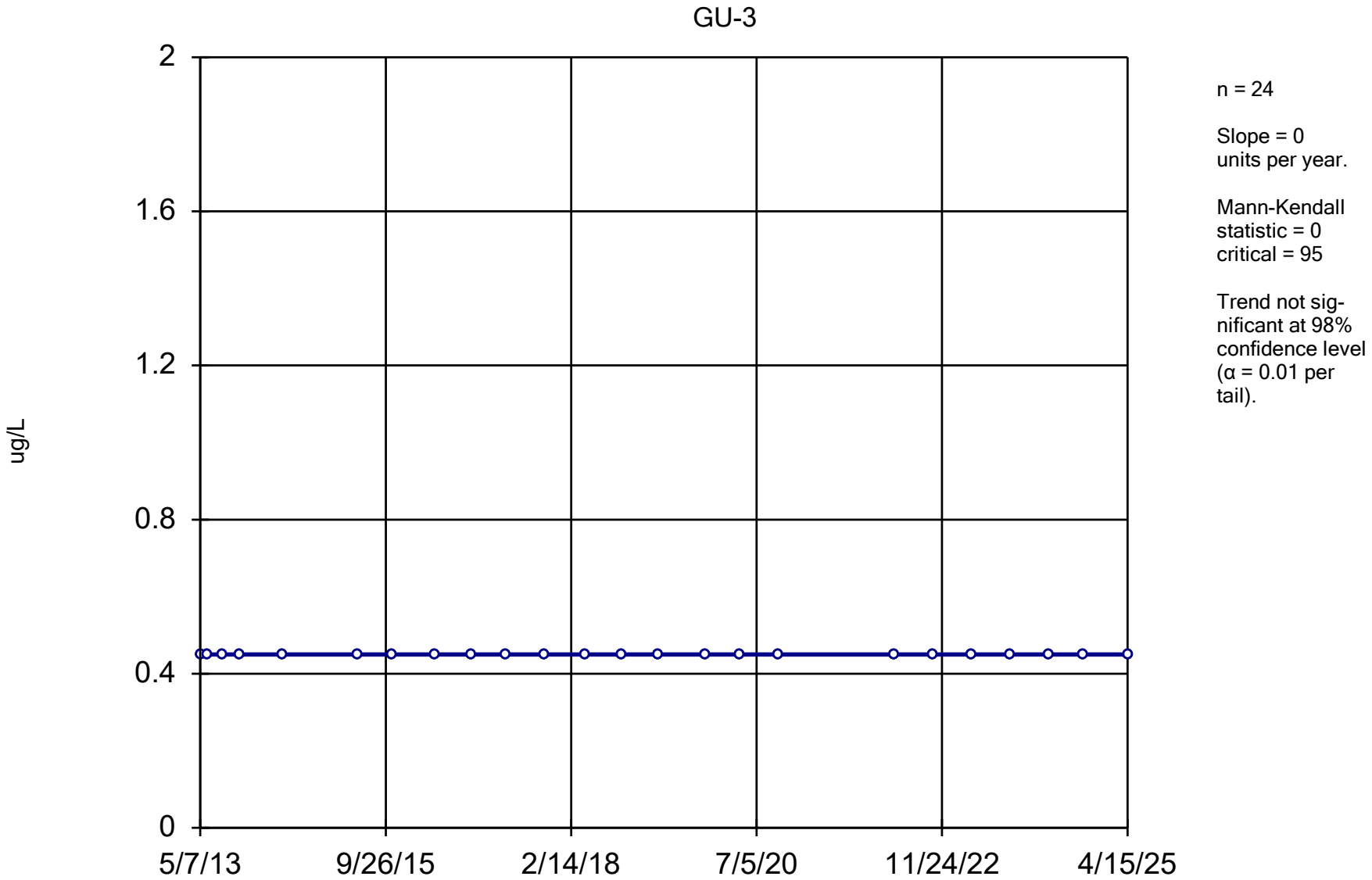
Sen's Slope Estimator



Constituent: 1,1,2,2-Tetrachloroethane Analysis Run 6/13/2025 8:18 AM View: Underdrains_Appendix I V DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator



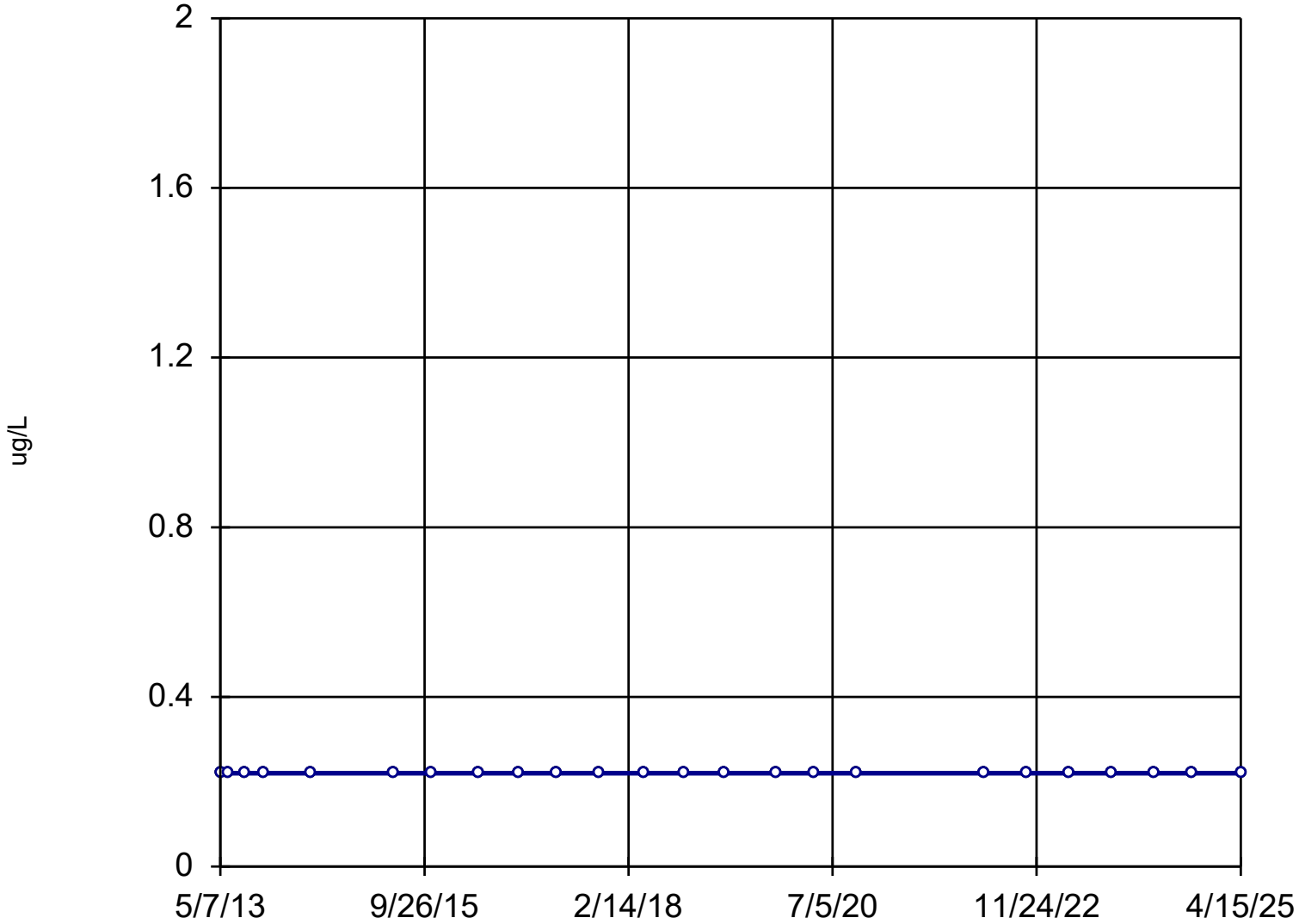
Constituent: 1,1,2-Trichloroethane Analysis Run 6/13/2025 8:18 AM View: Underdrains_Appendix I VOCs

DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GU-3



n = 24

Slope = 0
units per year.

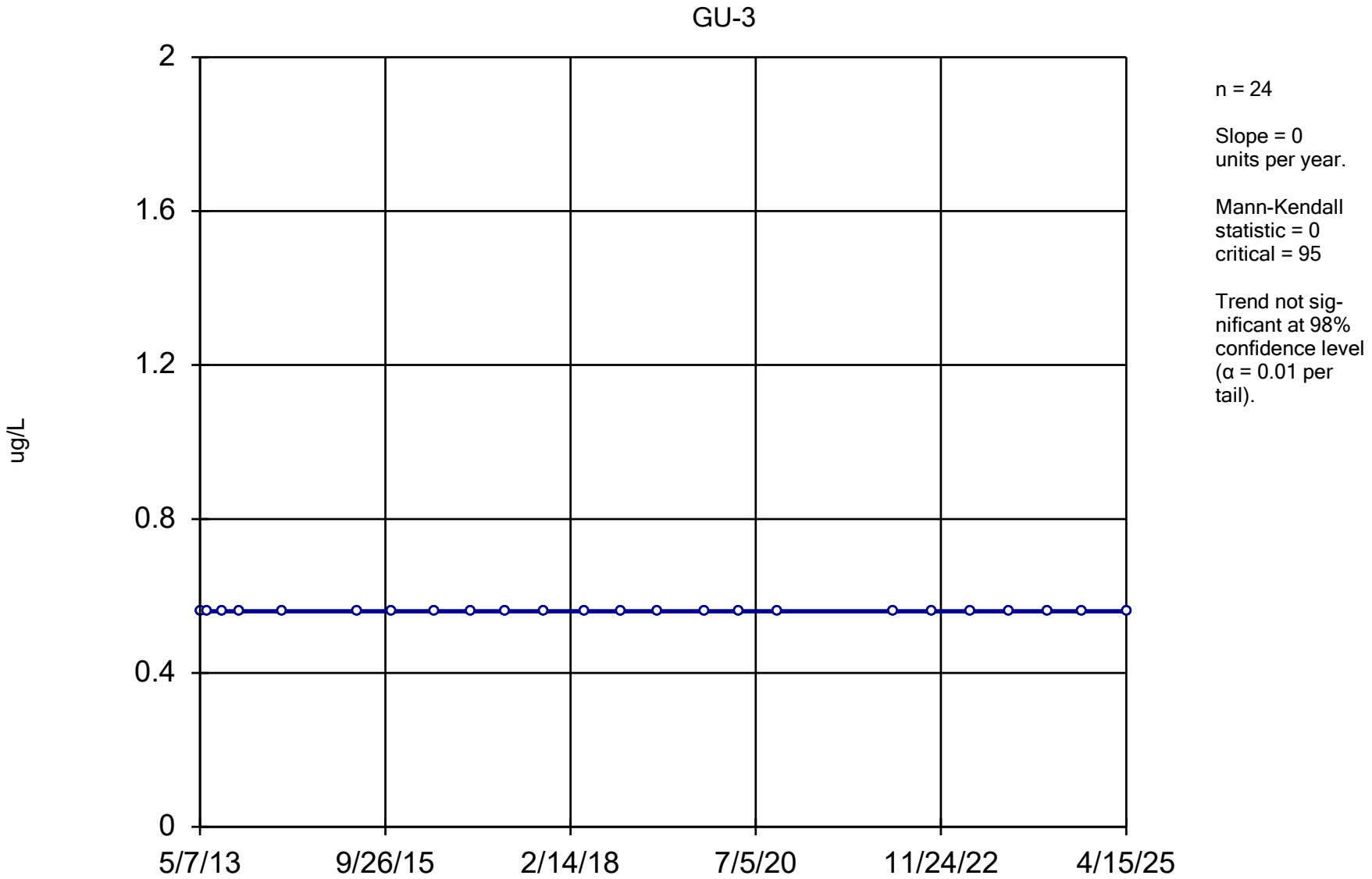
Mann-Kendall
statistic = 0
critical = 95

Trend not sig-
nificant at 98%
confidence level
(α = 0.01 per
tail).

Constituent: 1,1-Dichloroethane Analysis Run 6/13/2025 8:18 AM View: Underdrains_Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

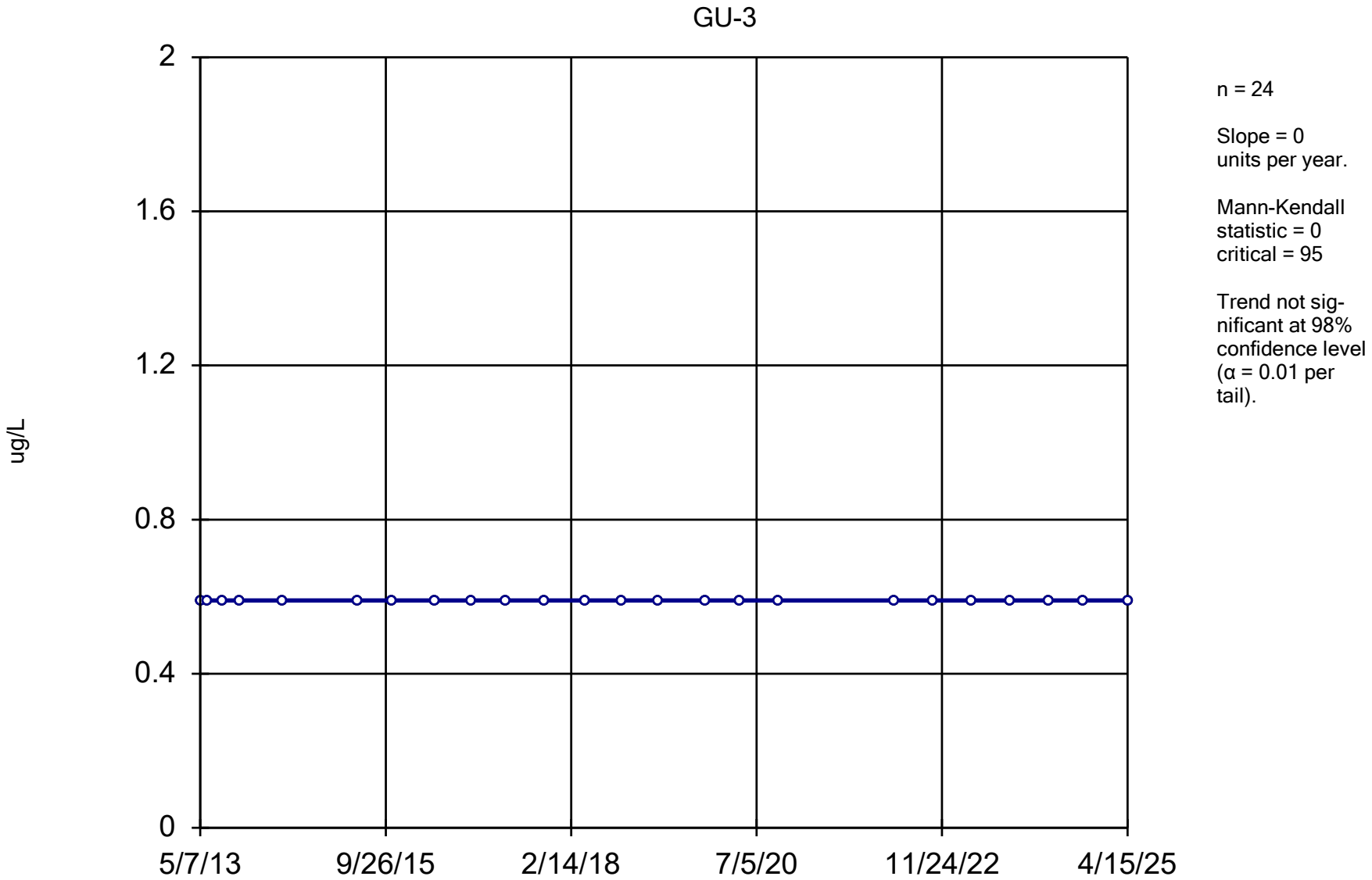


Constituent: 1,1-Dichloroethene Analysis Run 6/13/2025 8:18 AM View: Underdrains_Appendix I VOCs

DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

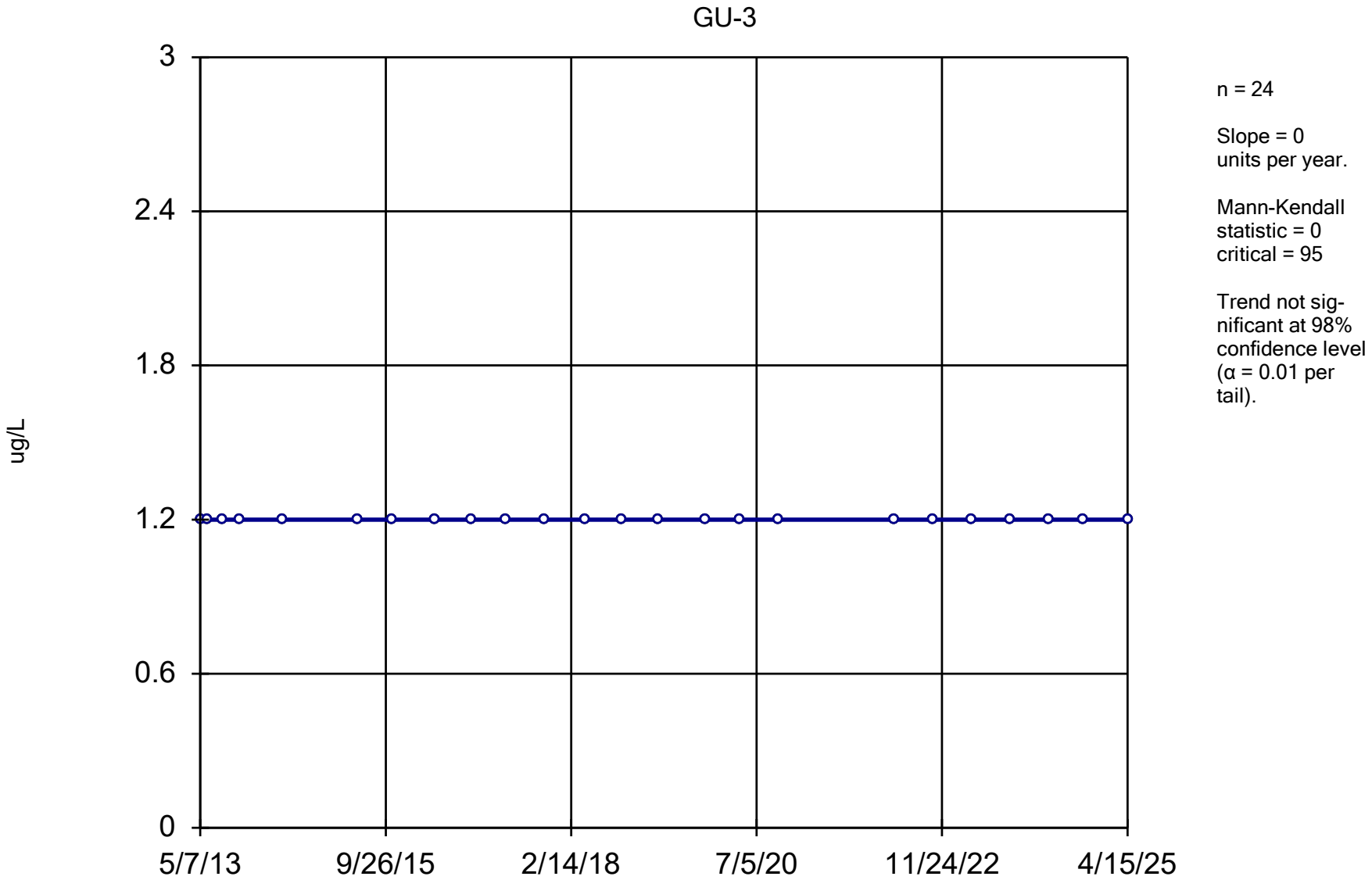
Sen's Slope Estimator



Constituent: 1,2,3-Trichloropropane Analysis Run 6/13/2025 8:18 AM View: Underdrains_Appendix I VOC DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

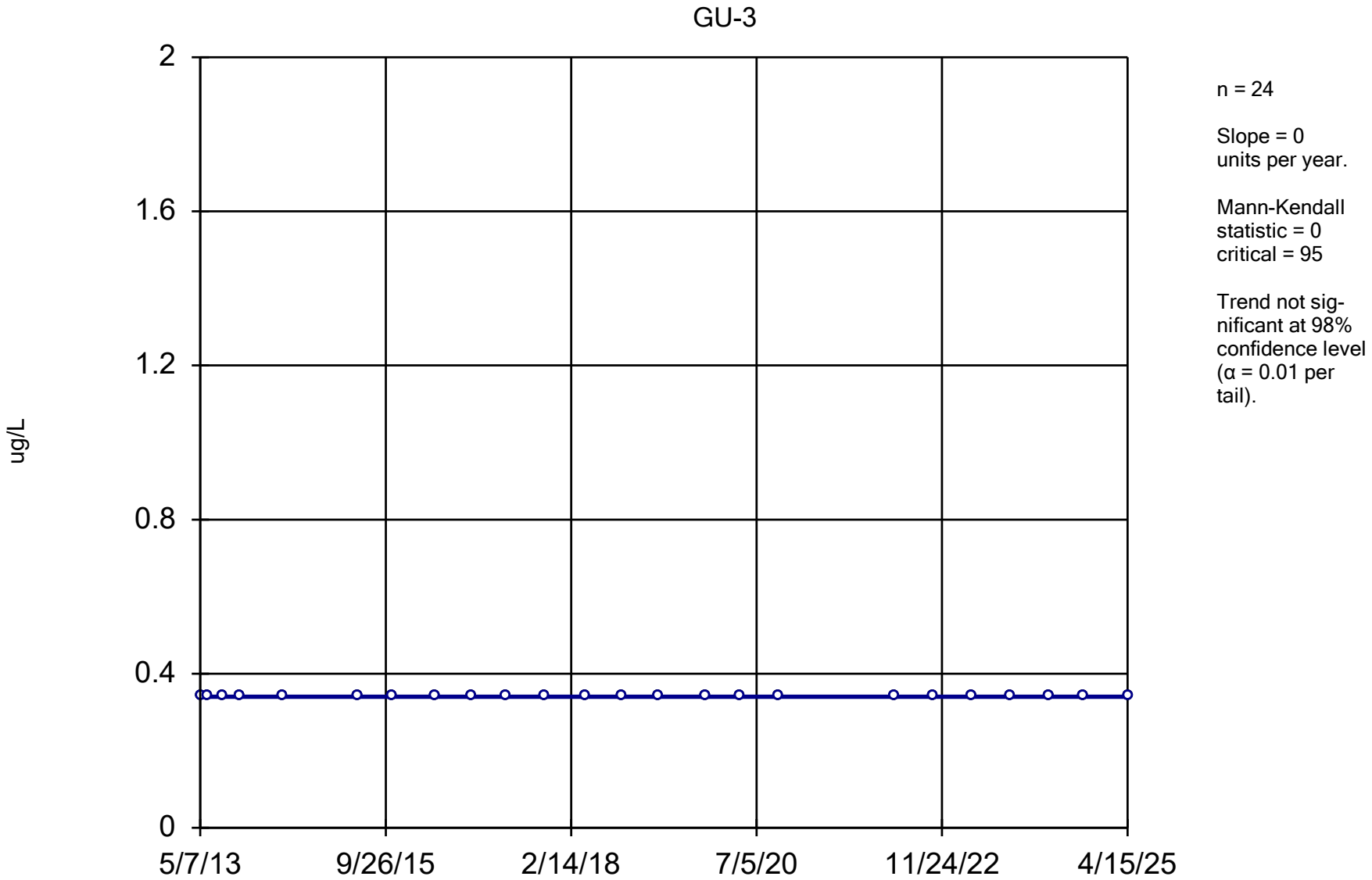


Constituent: 1,2-Dibromo-3-chloropropane Analysis Run 6/13/2025 8:18 AM View: Underdrains_Appendix

DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator



Constituent: 1,2-Dibromoethane [EDB] Analysis Run 6/13/2025 8:18 AM View: Underdrains_Appendix I V DMASWA Data: DMASWA Database_Updated

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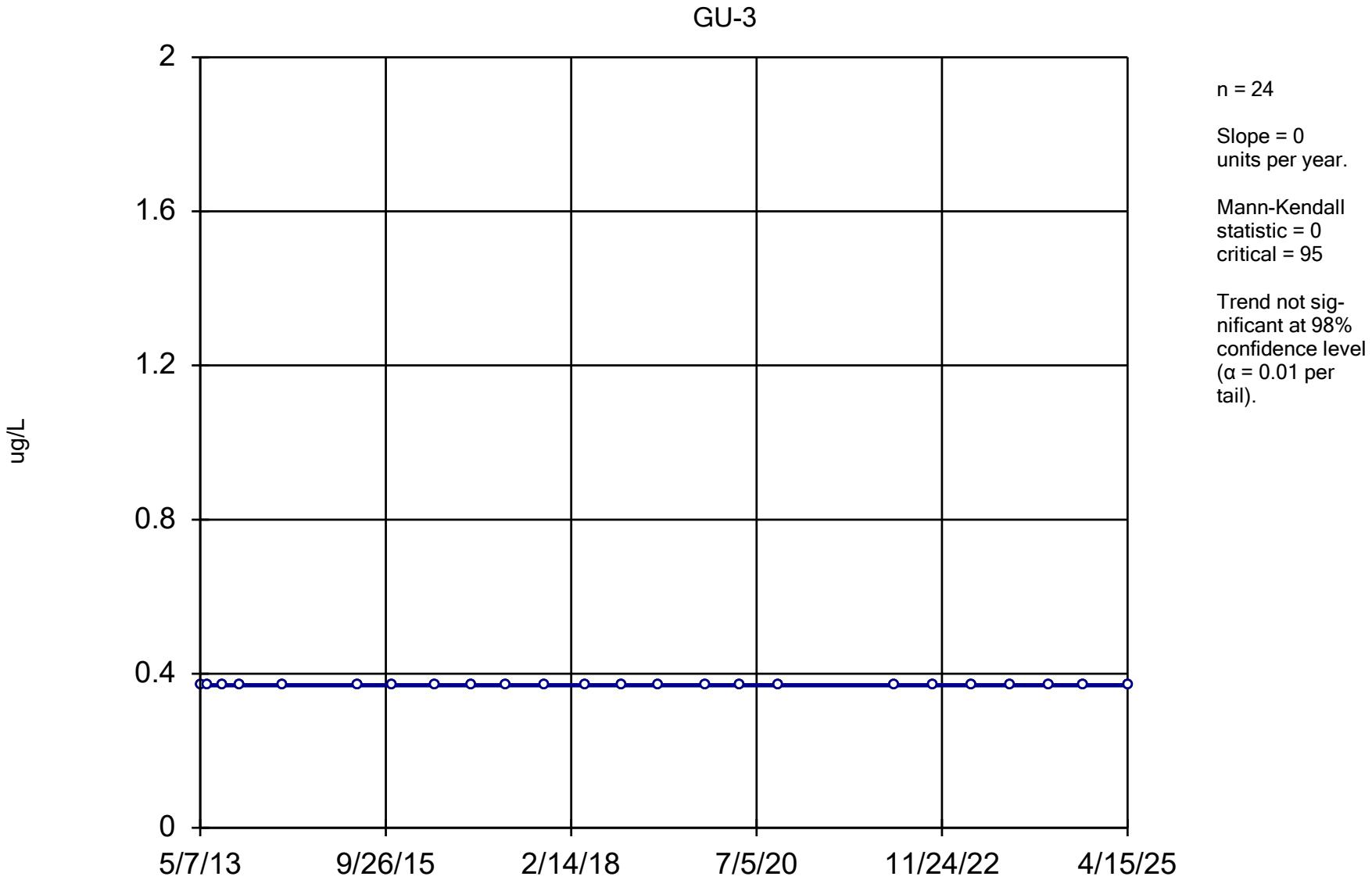
Hollow symbols indicate censored values.

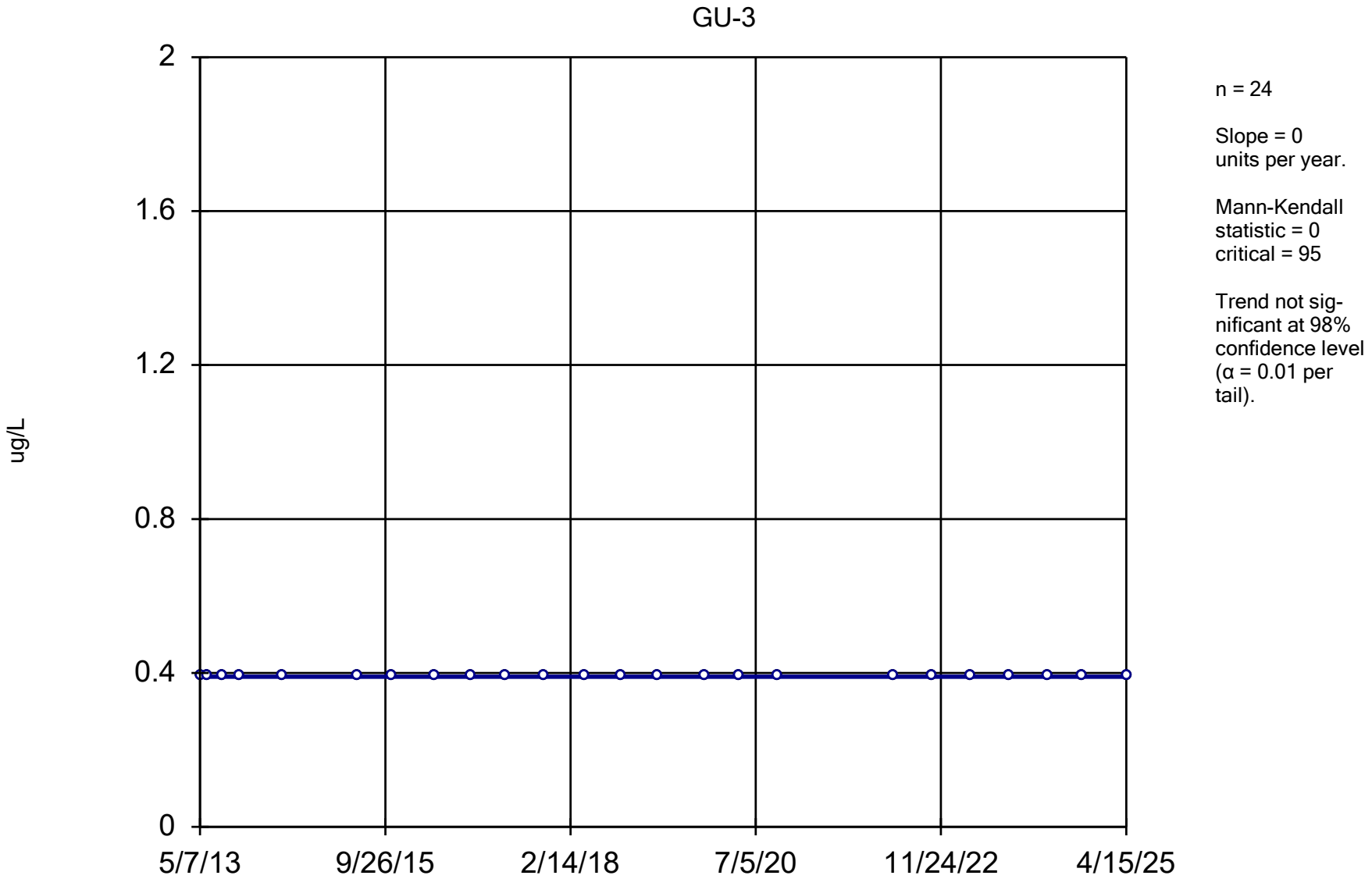
Sen's Slope Estimator



Constituent: 1,2-Dichlorobenzene Analysis Run 6/13/2025 8:18 AM View: Underdrains_Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator



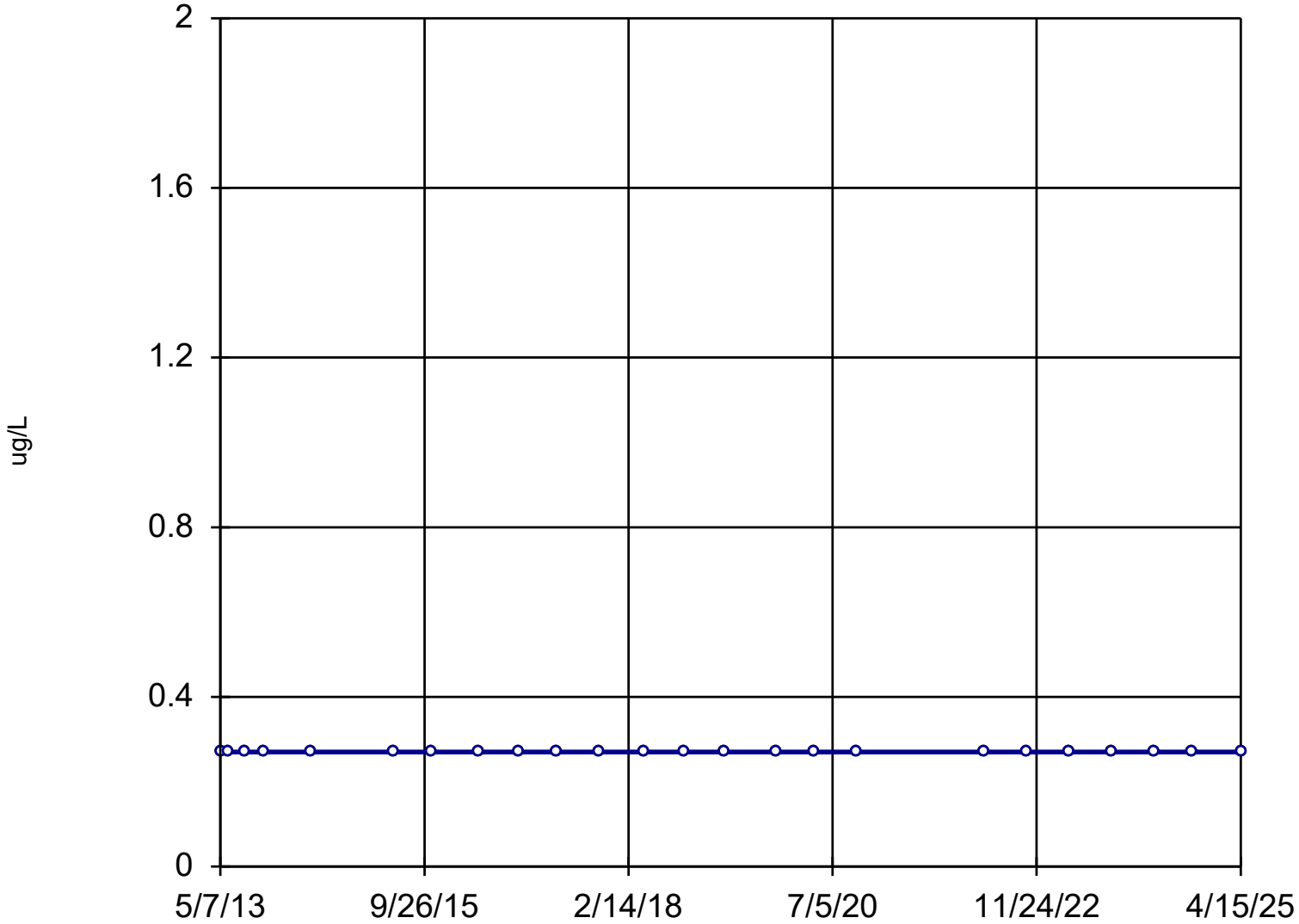
Constituent: 1,2-Dichloroethane Analysis Run 6/13/2025 8:18 AM View: Underdrains_Appendix I VOCs

DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GU-3



n = 24

Slope = 0
units per year.

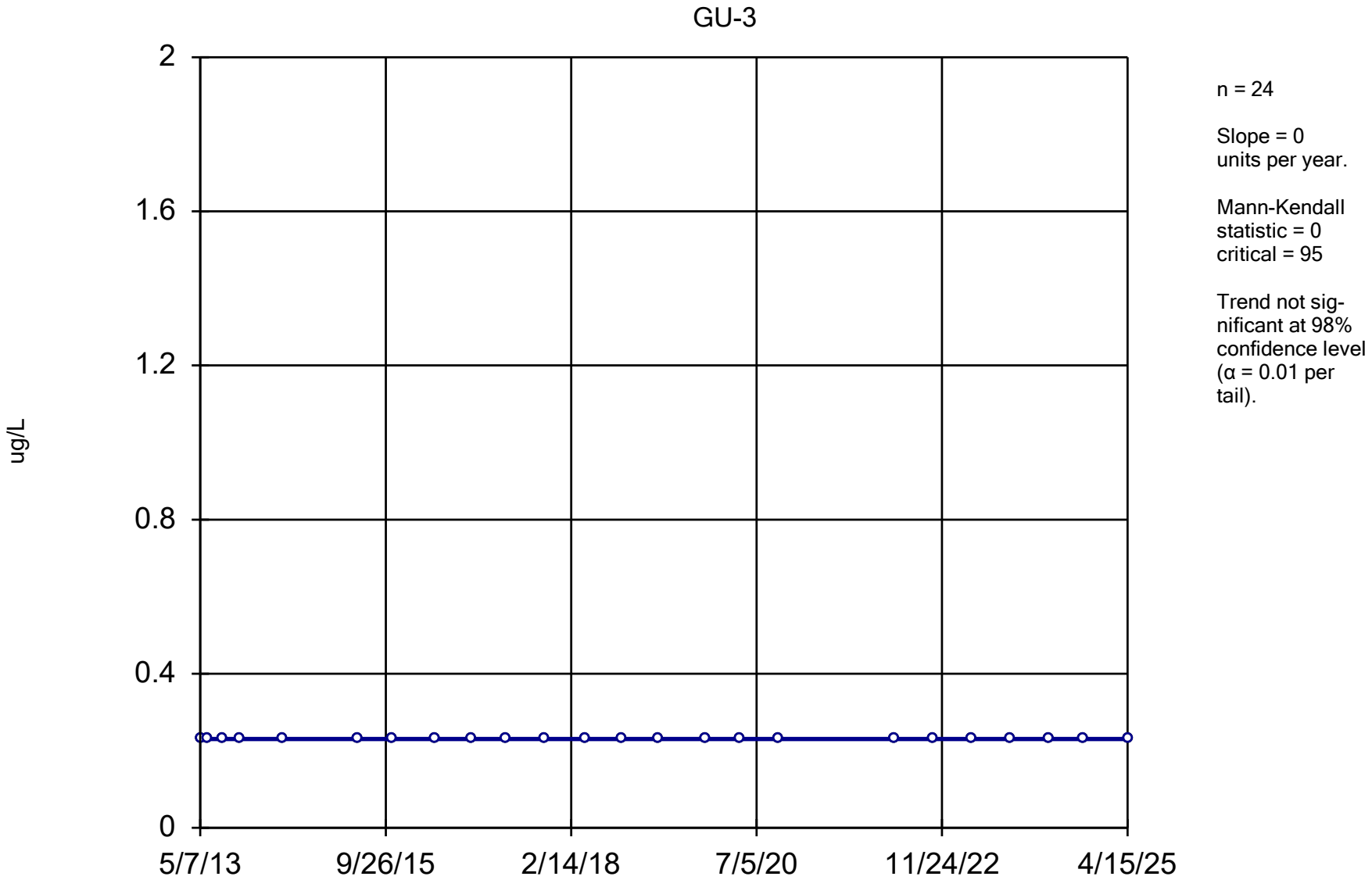
Mann-Kendall
statistic = 0
critical = 95

Trend not sig-
nificant at 98%
confidence level
(α = 0.01 per
tail).

Constituent: 1,2-Dichloropropane Analysis Run 6/13/2025 8:18 AM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

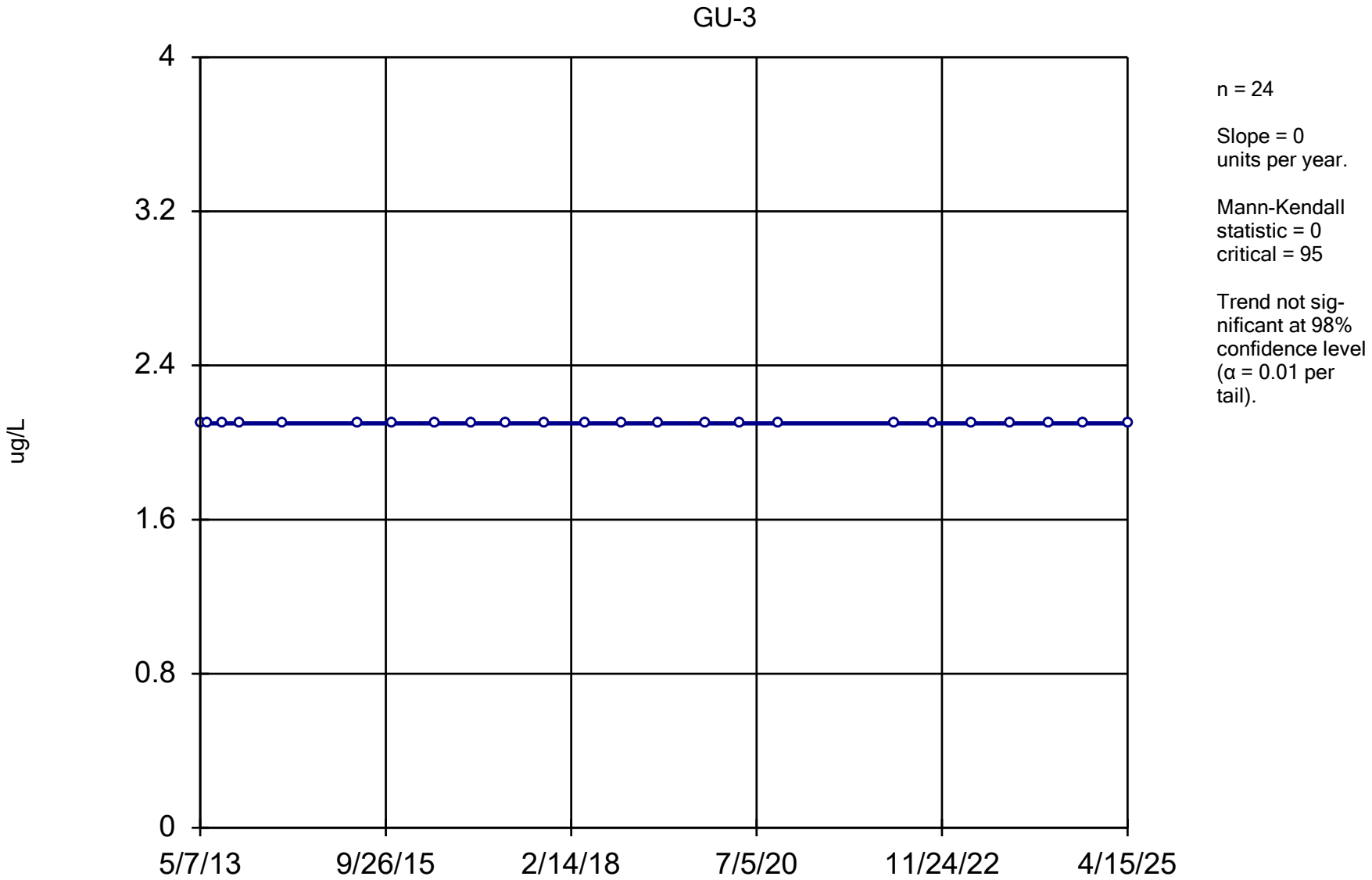
Sen's Slope Estimator



Constituent: 1,4-Dichlorobenzene Analysis Run 6/13/2025 8:18 AM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

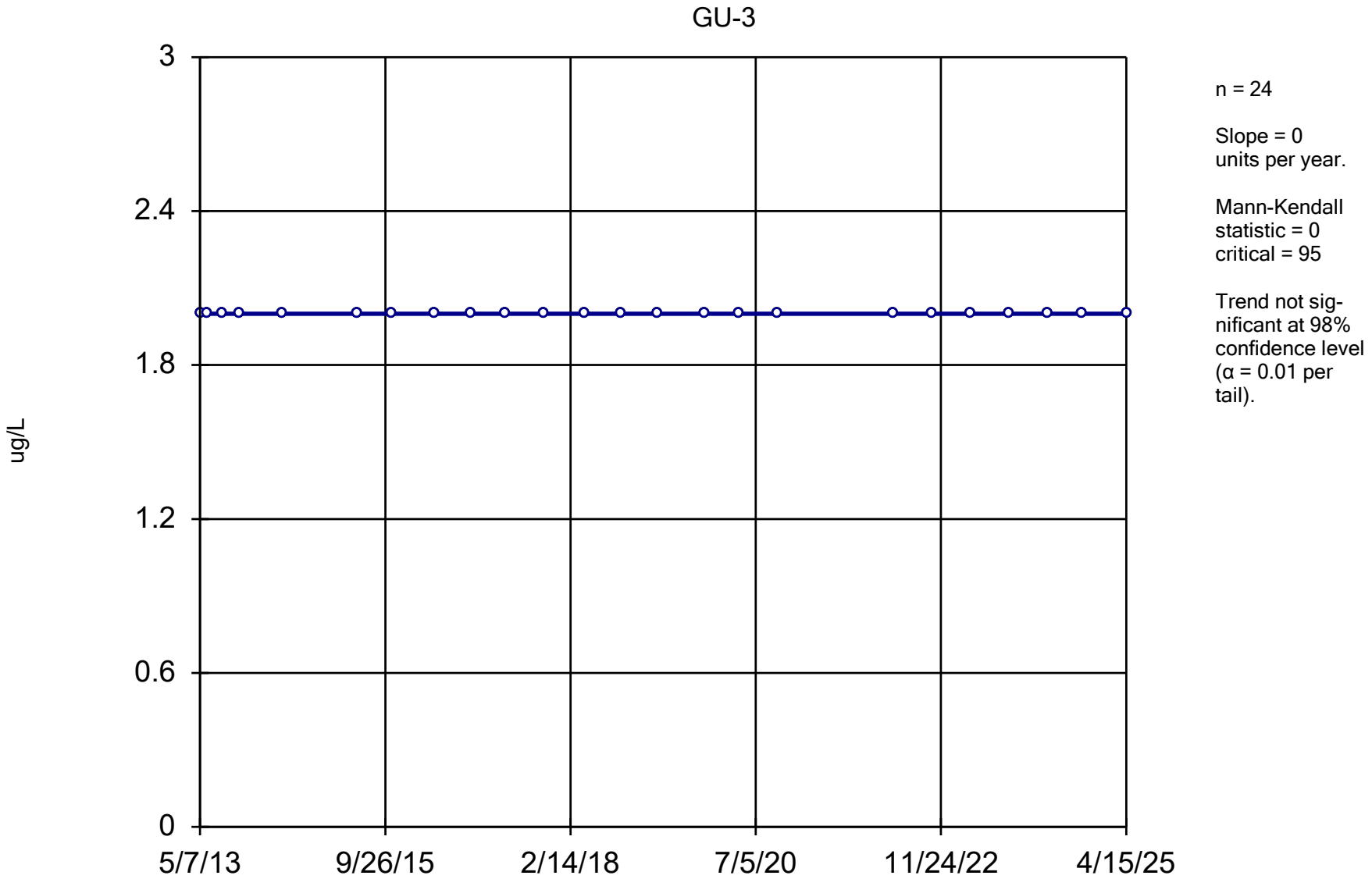
Sen's Slope Estimator



Constituent: 2-Butanone [MEK] Analysis Run 6/13/2025 8:18 AM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

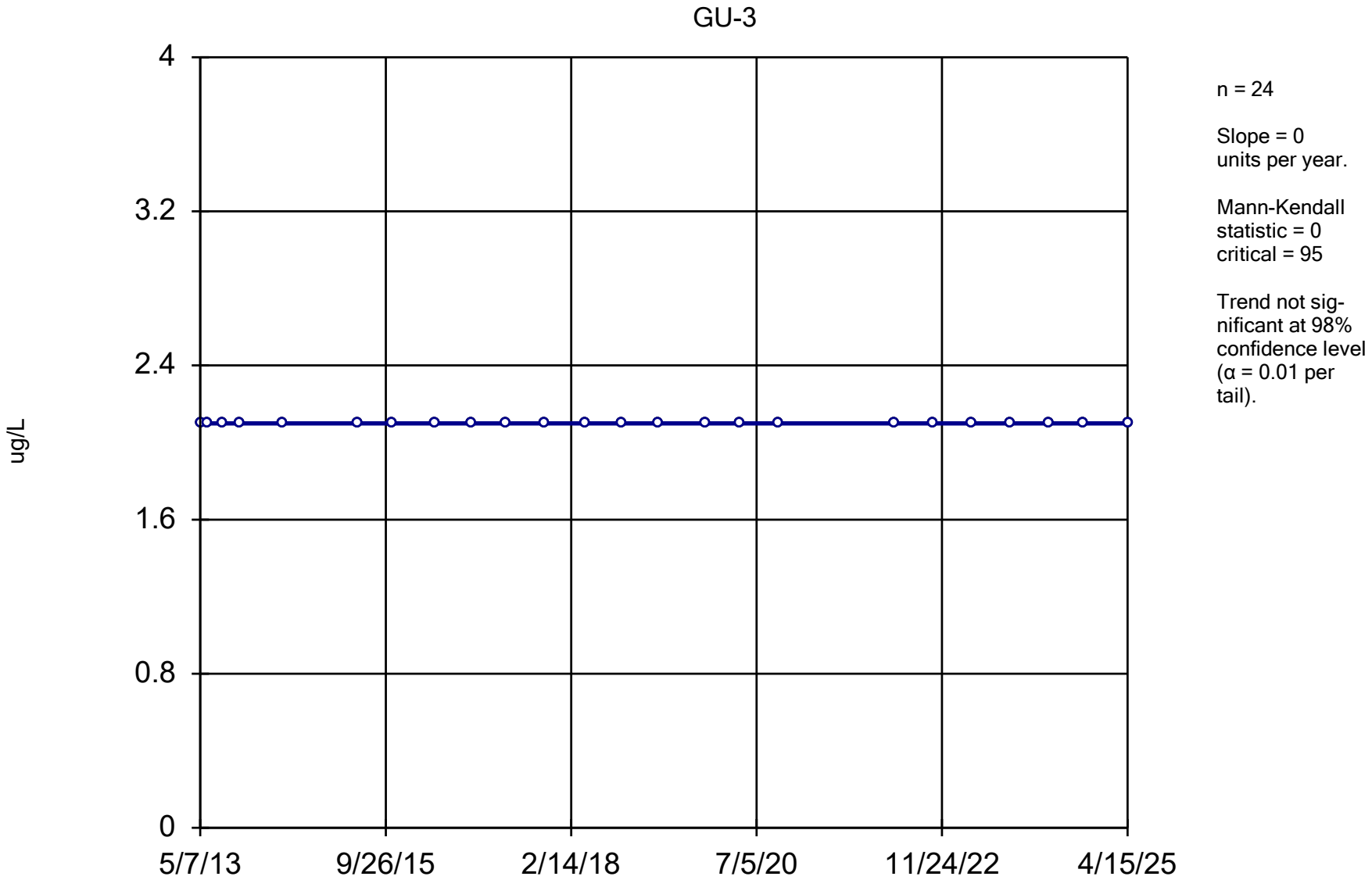


Constituent: 2-Hexanone Analysis Run 6/13/2025 8:18 AM View: Underdrains_Appendix I VOCs

DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

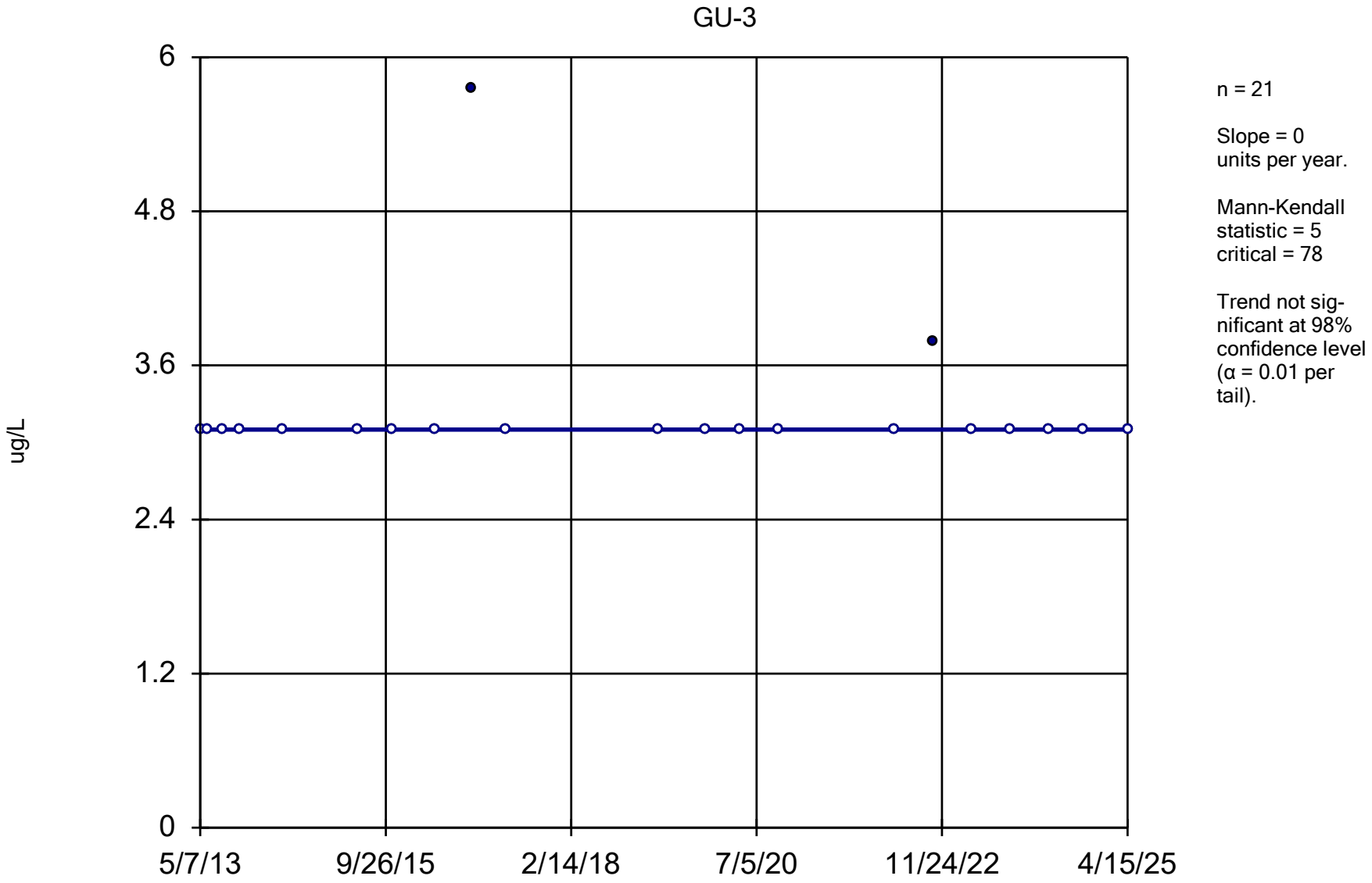


Constituent: 4-Methyl-2-pentanone Analysis Run 6/13/2025 8:18 AM View: Underdrains_Appendix I VOCs

DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

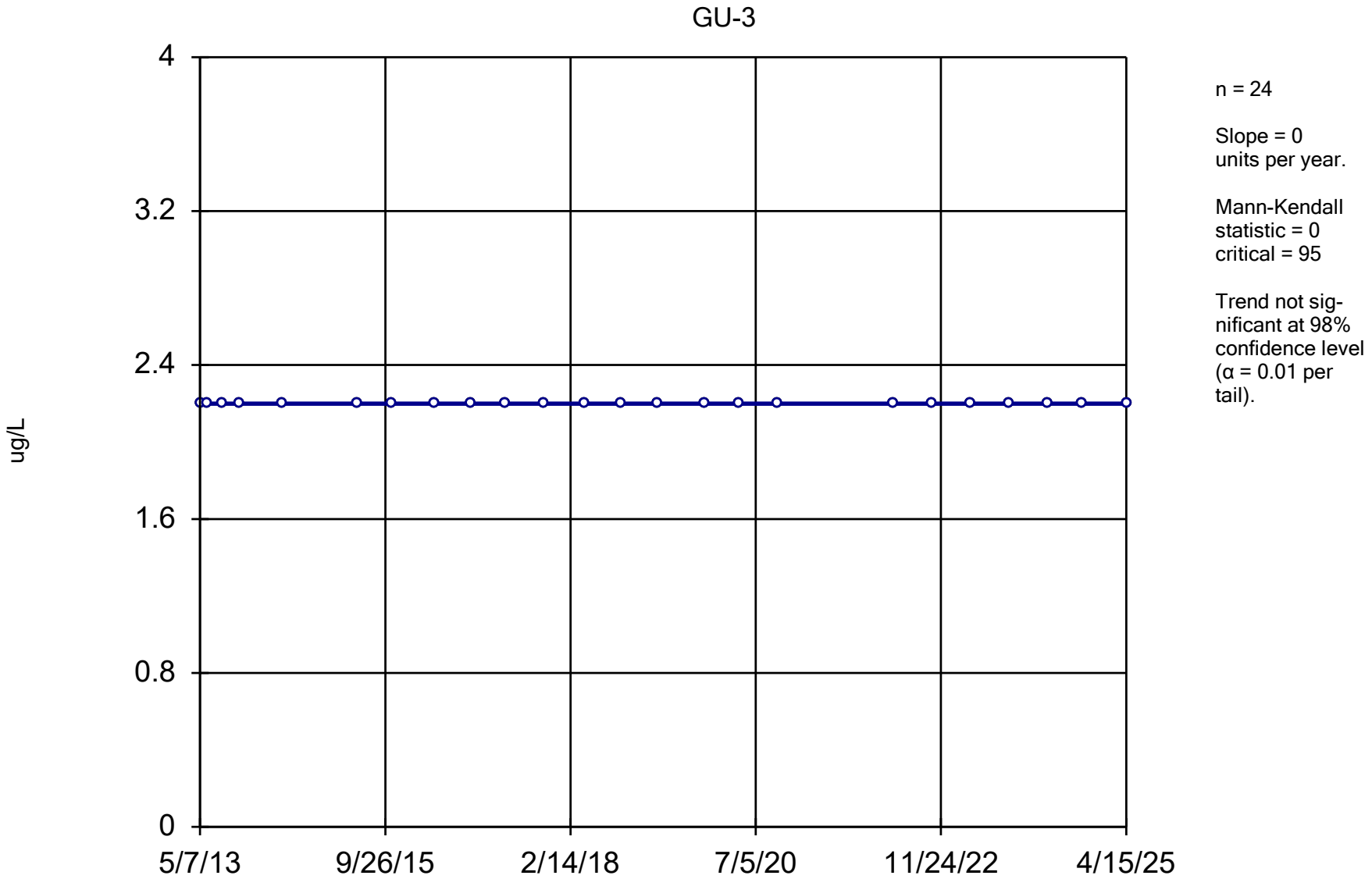


Constituent: Acetone Analysis Run 6/13/2025 8:18 AM View: Underdrains_Appendix I VOCs

DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator



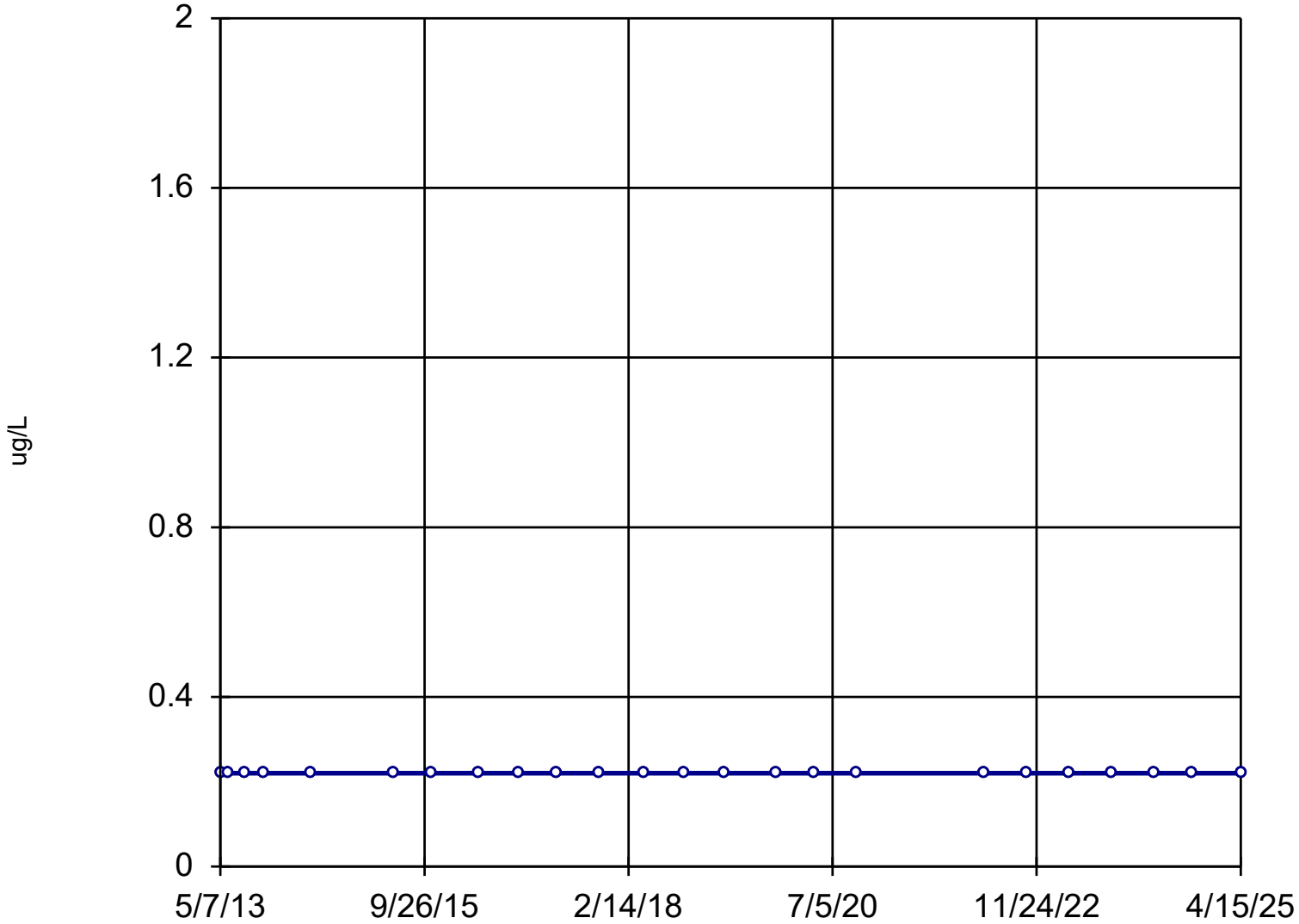
Constituent: Acrylonitrile Analysis Run 6/13/2025 8:18 AM View: Underdrains_Appendix I VOCs DMASWA

Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GU-3



n = 24

Slope = 0
units per year.

Mann-Kendall
statistic = 0
critical = 95

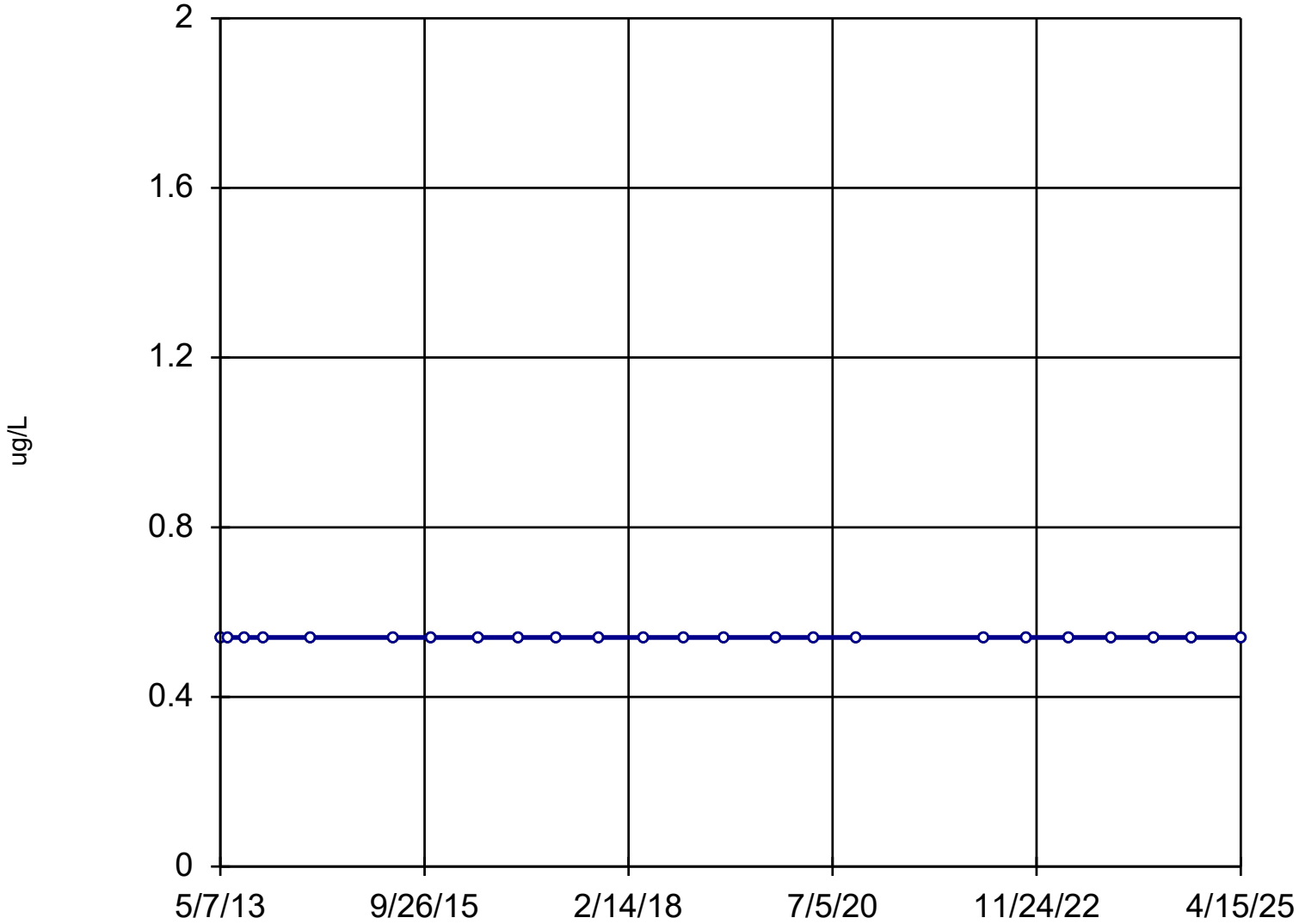
Trend not sig-
nificant at 98%
confidence level
(α = 0.01 per
tail).

Constituent: Benzene Analysis Run 6/13/2025 8:18 AM View: Underdrains_Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GU-3



n = 24

Slope = 0
units per year.

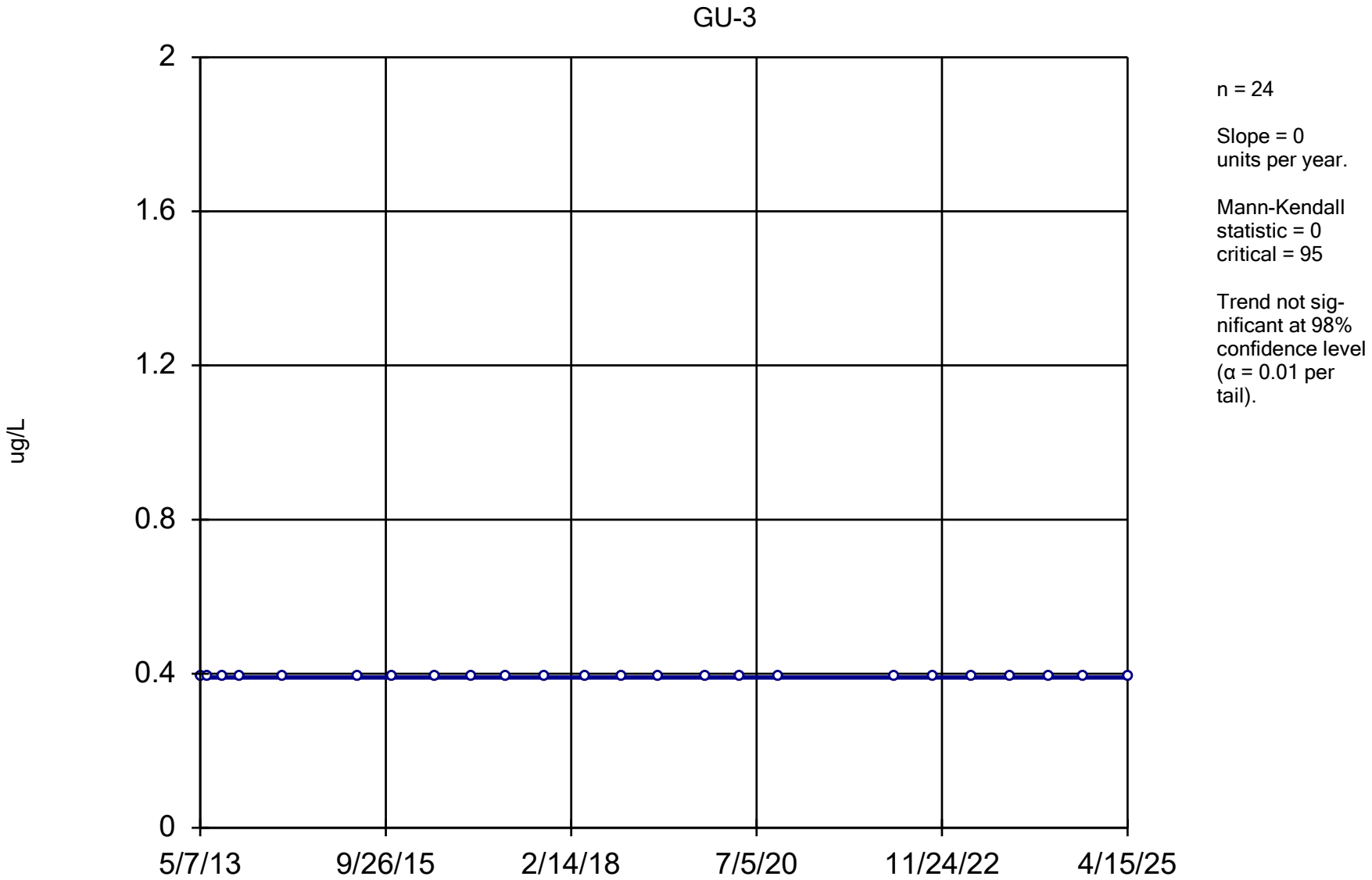
Mann-Kendall
statistic = 0
critical = 95

Trend not sig-
nificant at 98%
confidence level
(α = 0.01 per
tail).

Constituent: Bromochloromethane Analysis Run 6/13/2025 8:18 AM View: Underdrains_Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

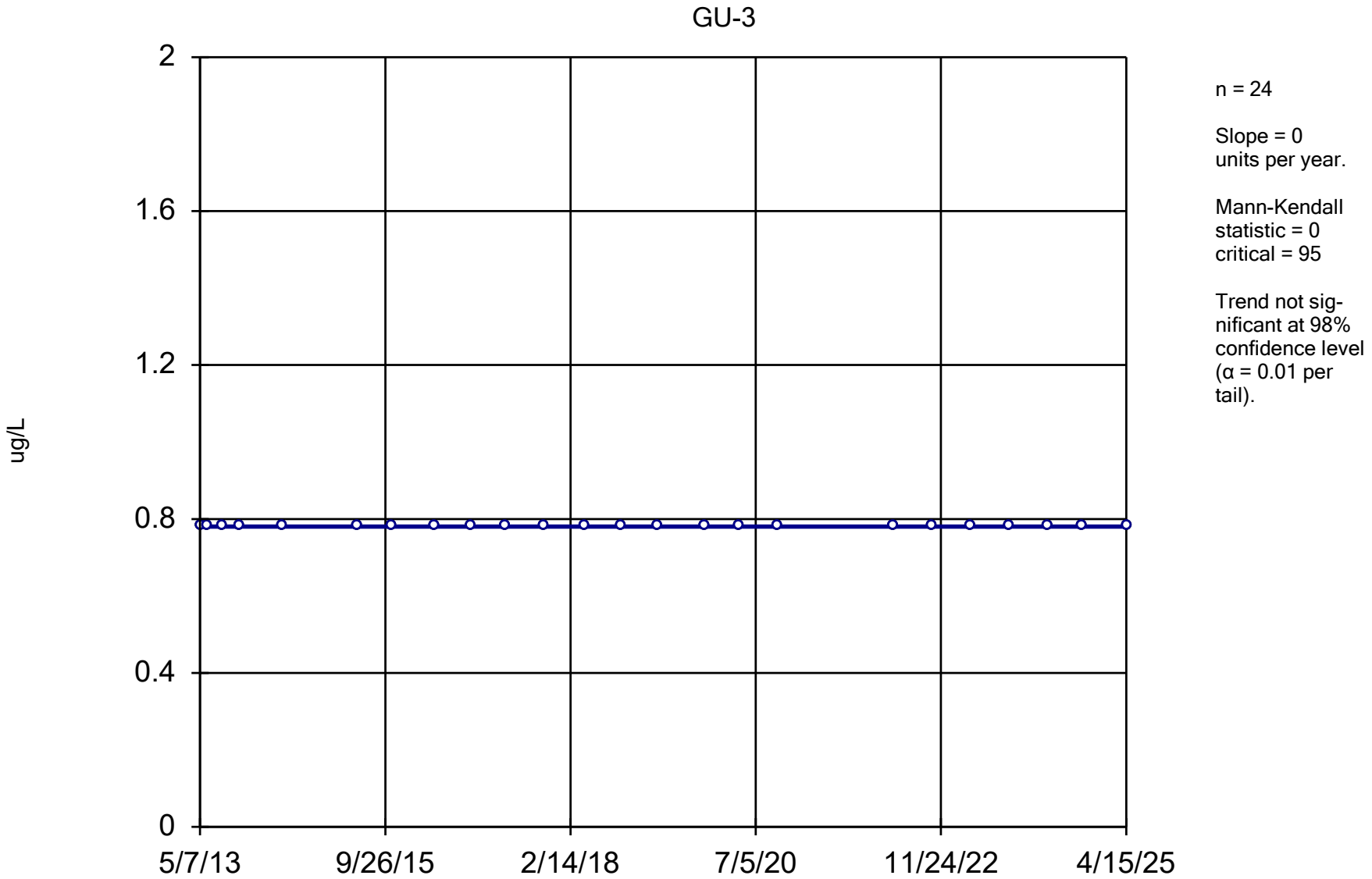
Sen's Slope Estimator



Constituent: Bromodichloromethane Analysis Run 6/13/2025 8:18 AM View: Underdrains_Appendix I VOC DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator



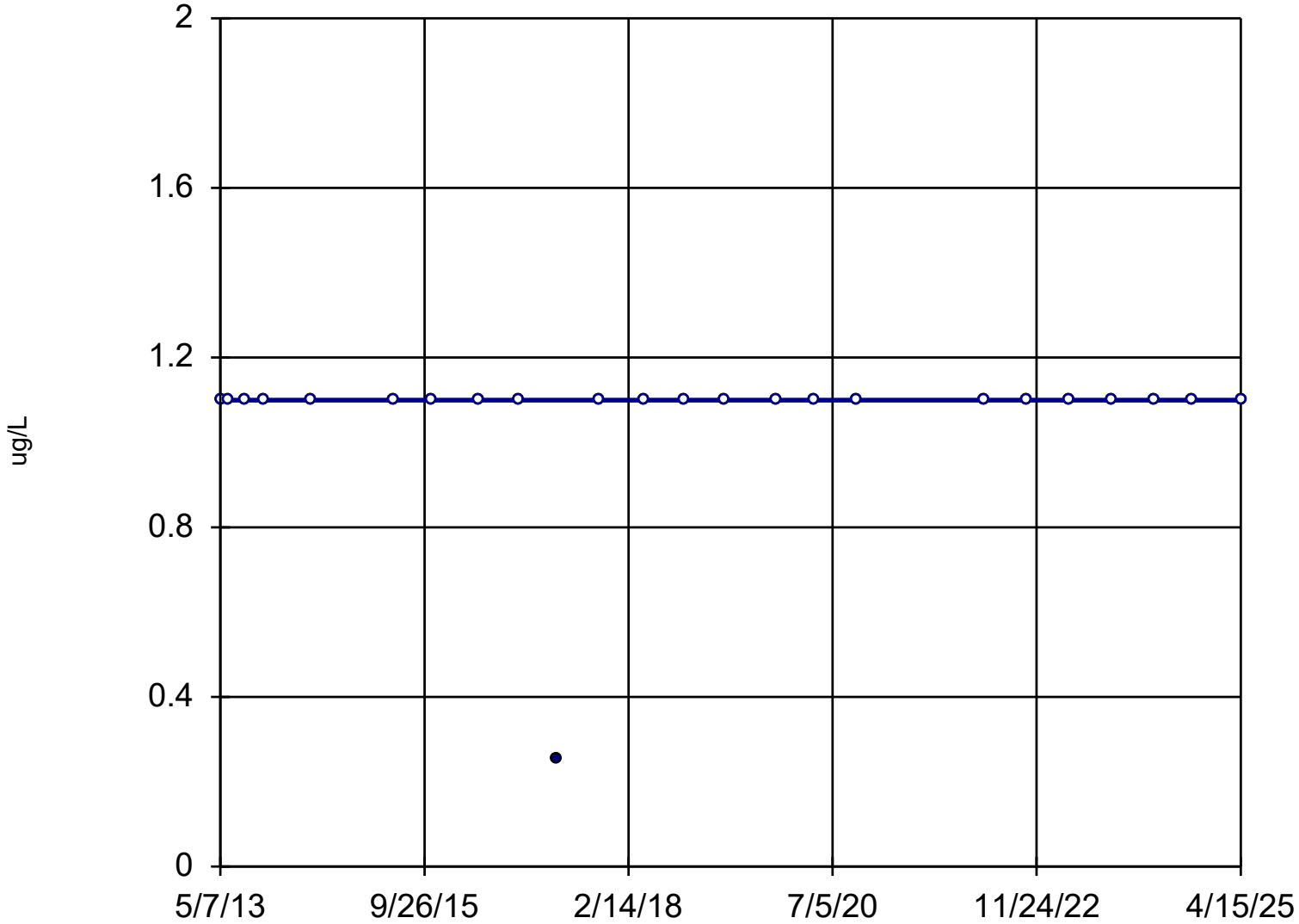
Constituent: Bromoform Analysis Run 6/13/2025 8:18 AM View: Underdrains_Appendix I VOCs

DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GU-3



n = 24

Slope = 0
units per year.

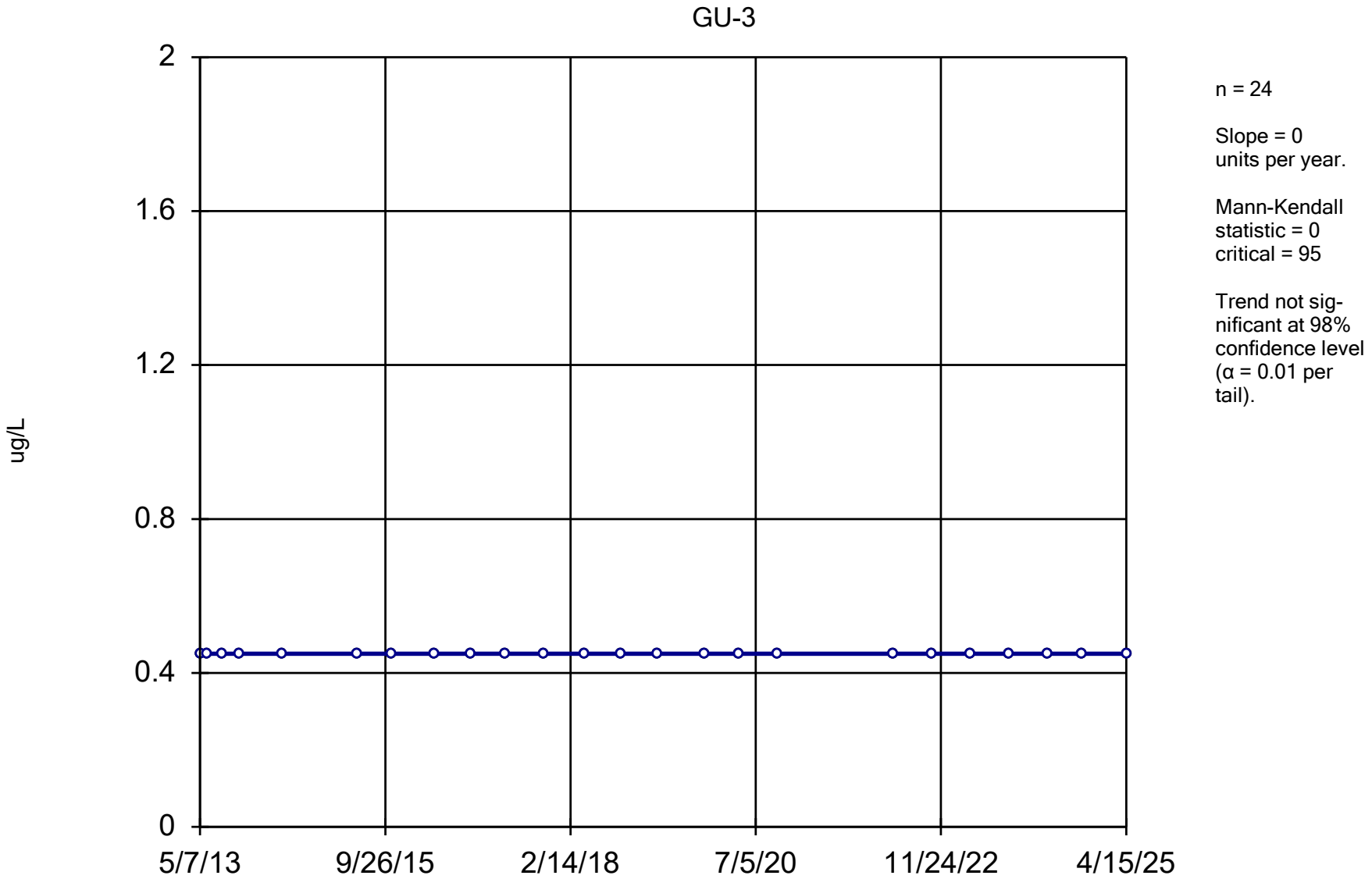
Mann-Kendall
statistic = 5
critical = 95

Trend not sig-
nificant at 98%
confidence level
(α = 0.01 per
tail).

Constituent: Bromomethane Analysis Run 6/13/2025 8:18 AM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator



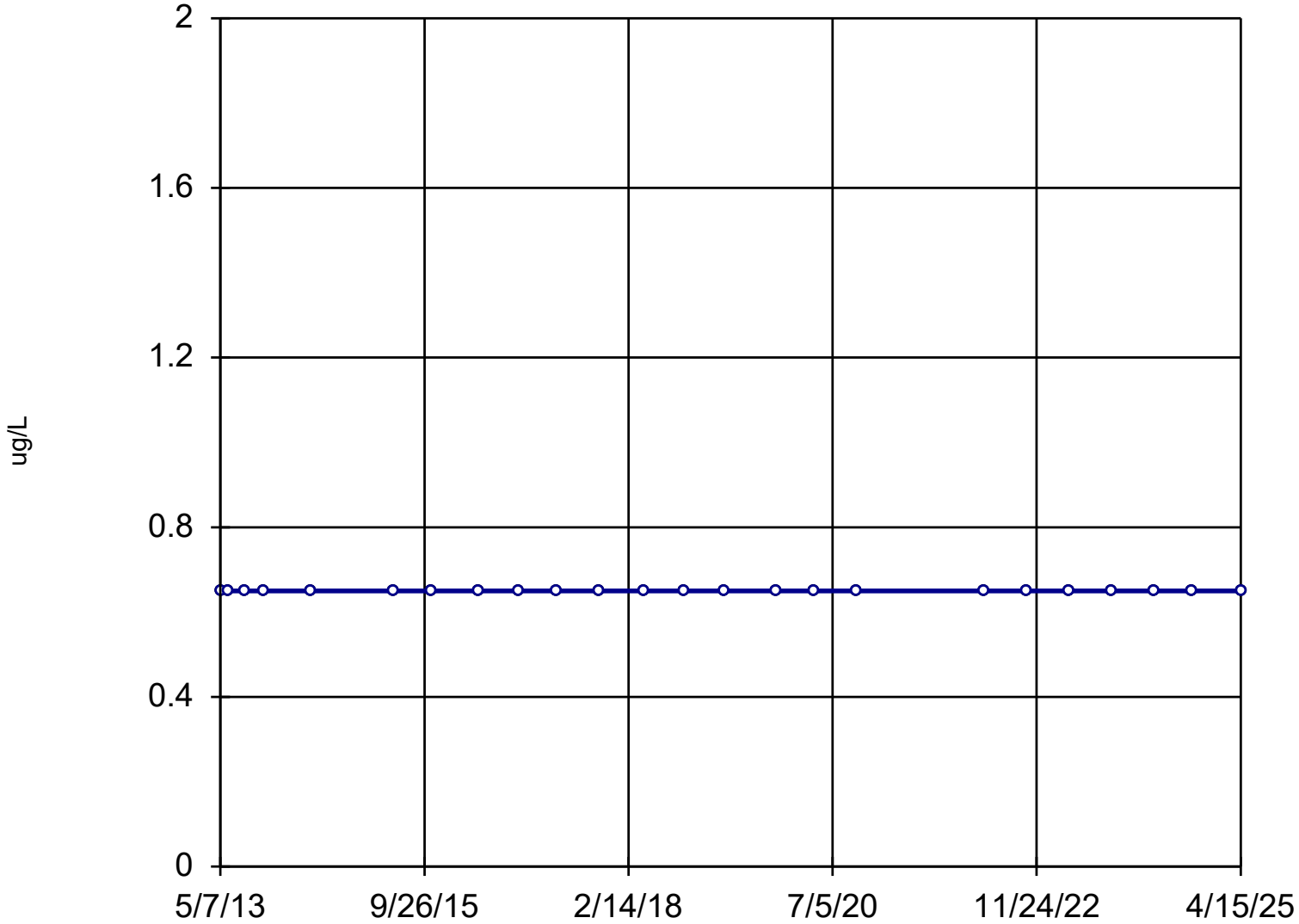
Constituent: Carbon disulfide Analysis Run 6/13/2025 8:18 AM View: Underdrains_Appendix I VOCs

DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GU-3



n = 24

Slope = 0
units per year.

Mann-Kendall
statistic = 0
critical = 95

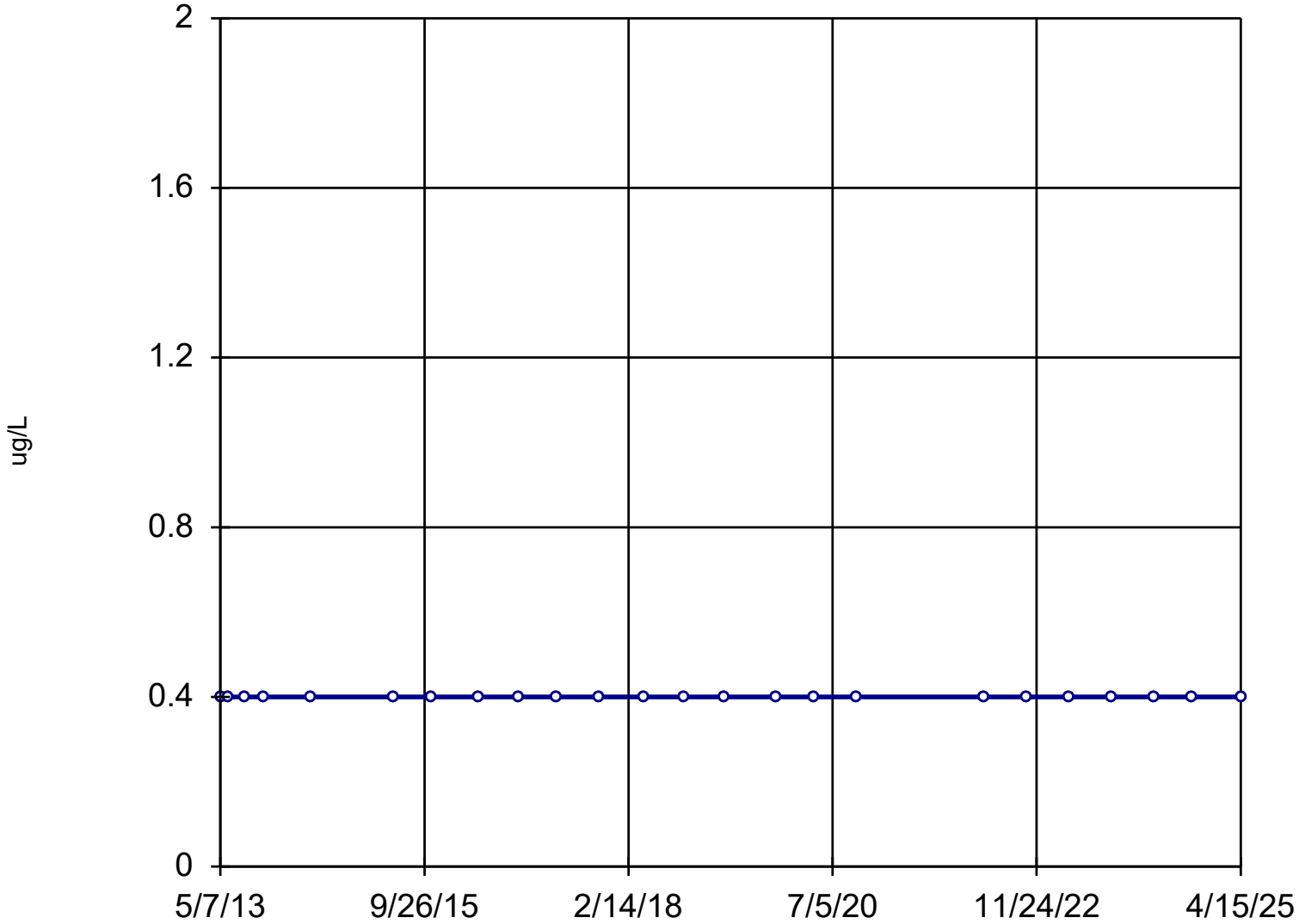
Trend not sig-
nificant at 98%
confidence level
(α = 0.01 per
tail).

Constituent: Carbon Tetrachloride Analysis Run 6/13/2025 8:18 AM View: Underdrains_Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GU-3



n = 24

Slope = 0
units per year.

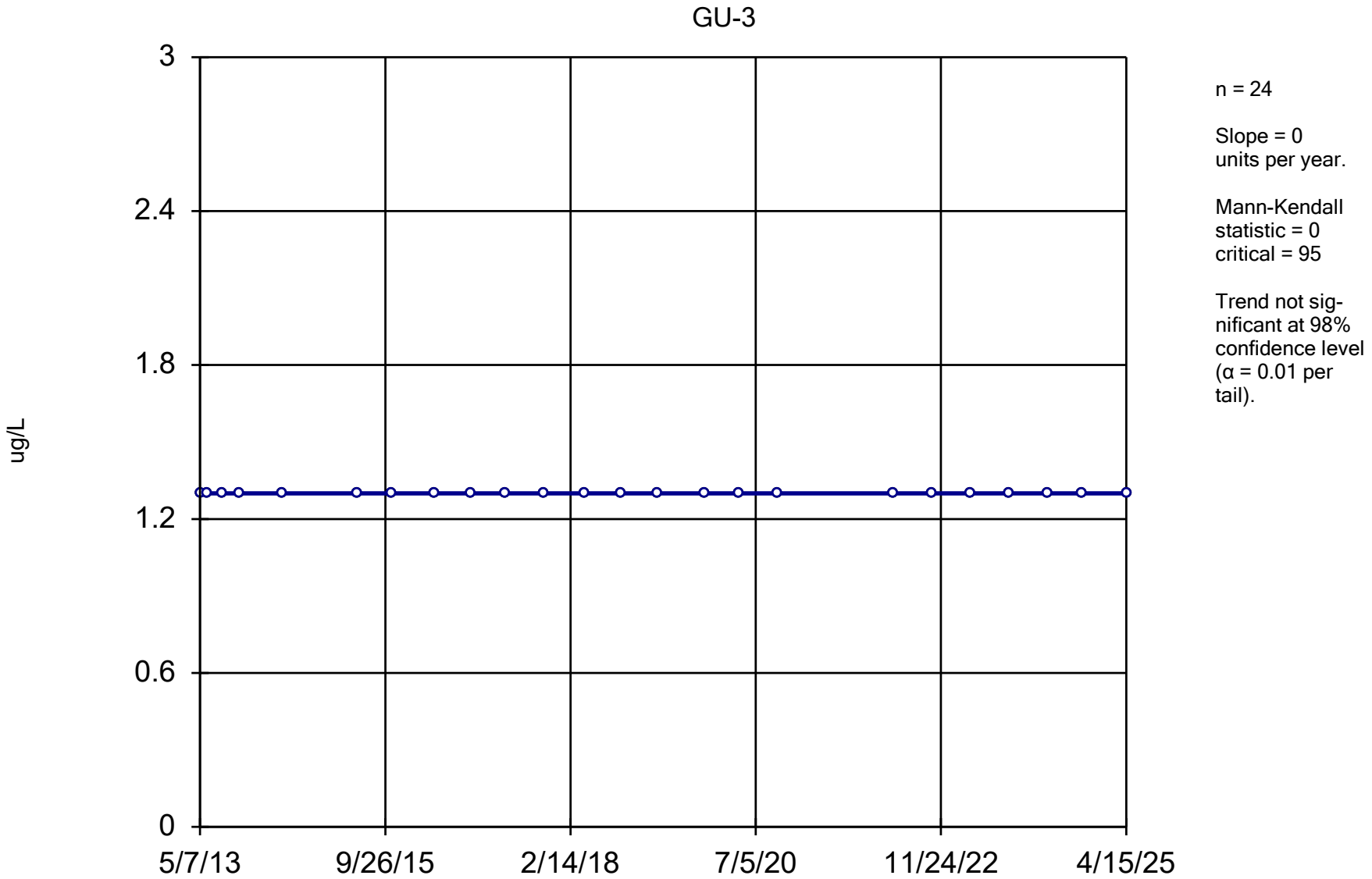
Mann-Kendall
statistic = 0
critical = 95

Trend not sig-
nificant at 98%
confidence level
(α = 0.01 per
tail).

Constituent: Chlorobenzene Analysis Run 6/13/2025 8:18 AM View: Underdrains_Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator



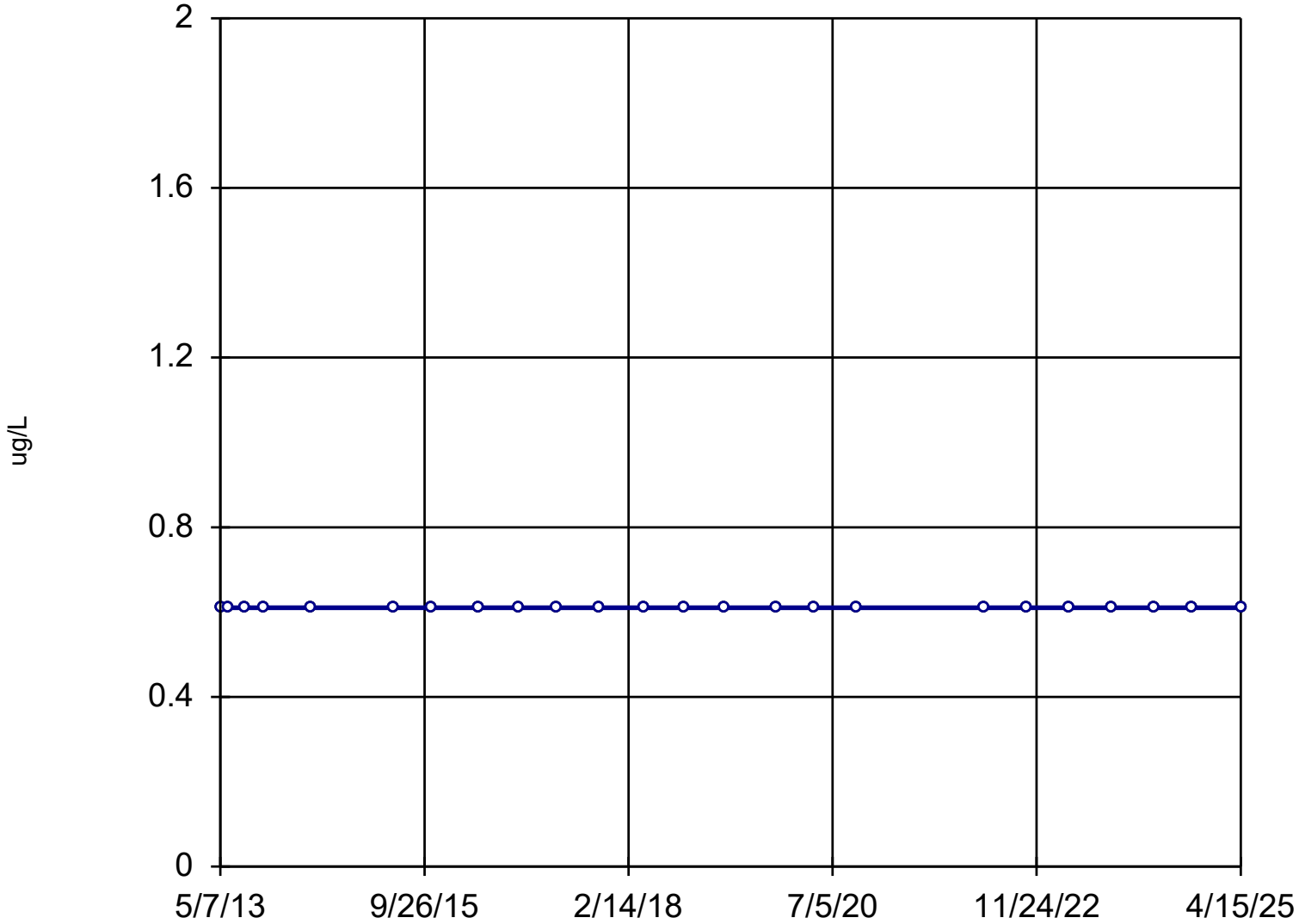
Constituent: Chloroform Analysis Run 6/13/2025 8:18 AM View: Underdrains_Appendix I VOCs

DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GU-3



n = 24

Slope = 0
units per year.

Mann-Kendall
statistic = 0
critical = 95

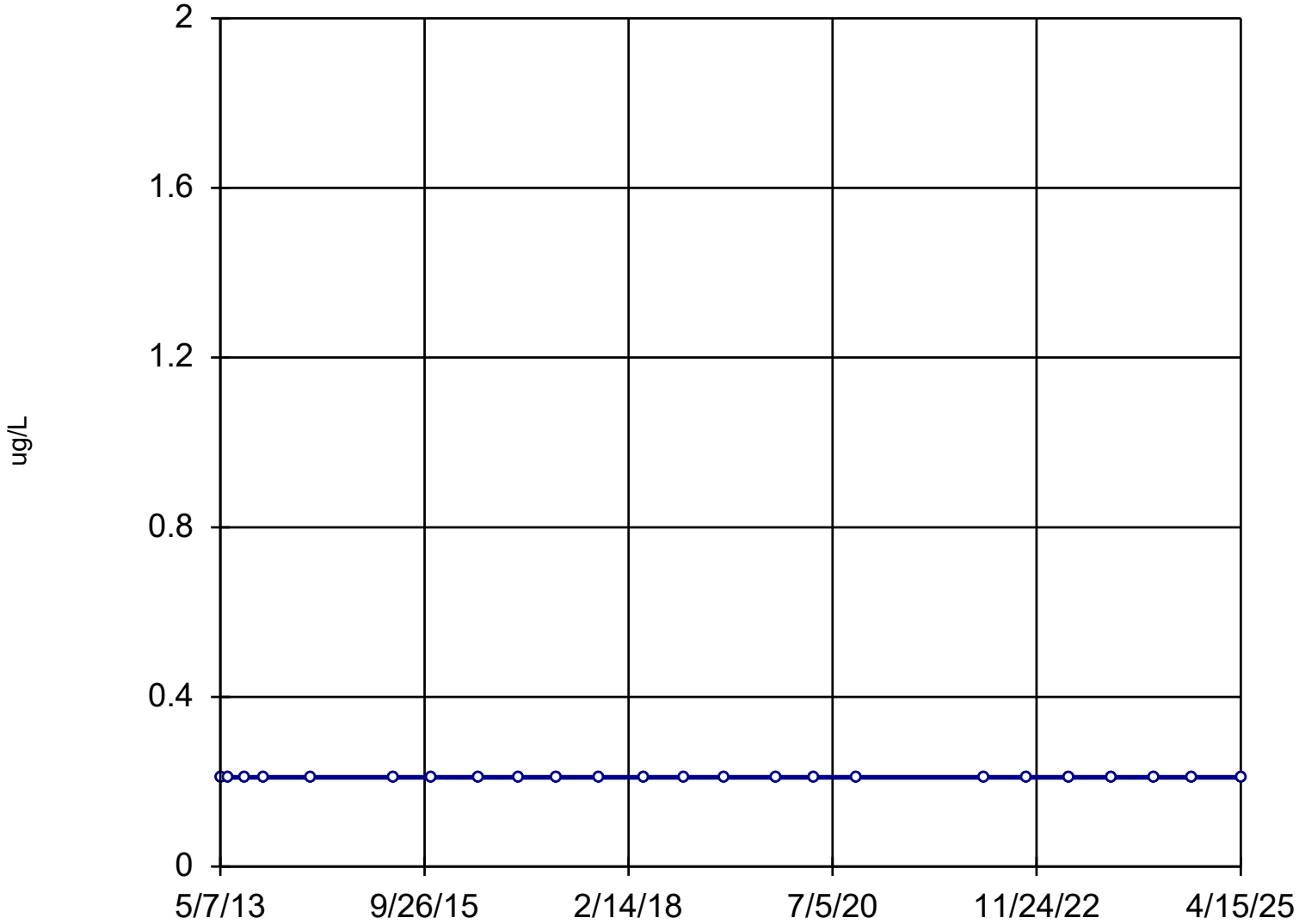
Trend not sig-
nificant at 98%
confidence level
(α = 0.01 per
tail).

Constituent: Chloromethane Analysis Run 6/13/2025 8:18 AM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GU-3



n = 24

Slope = 0
units per year.

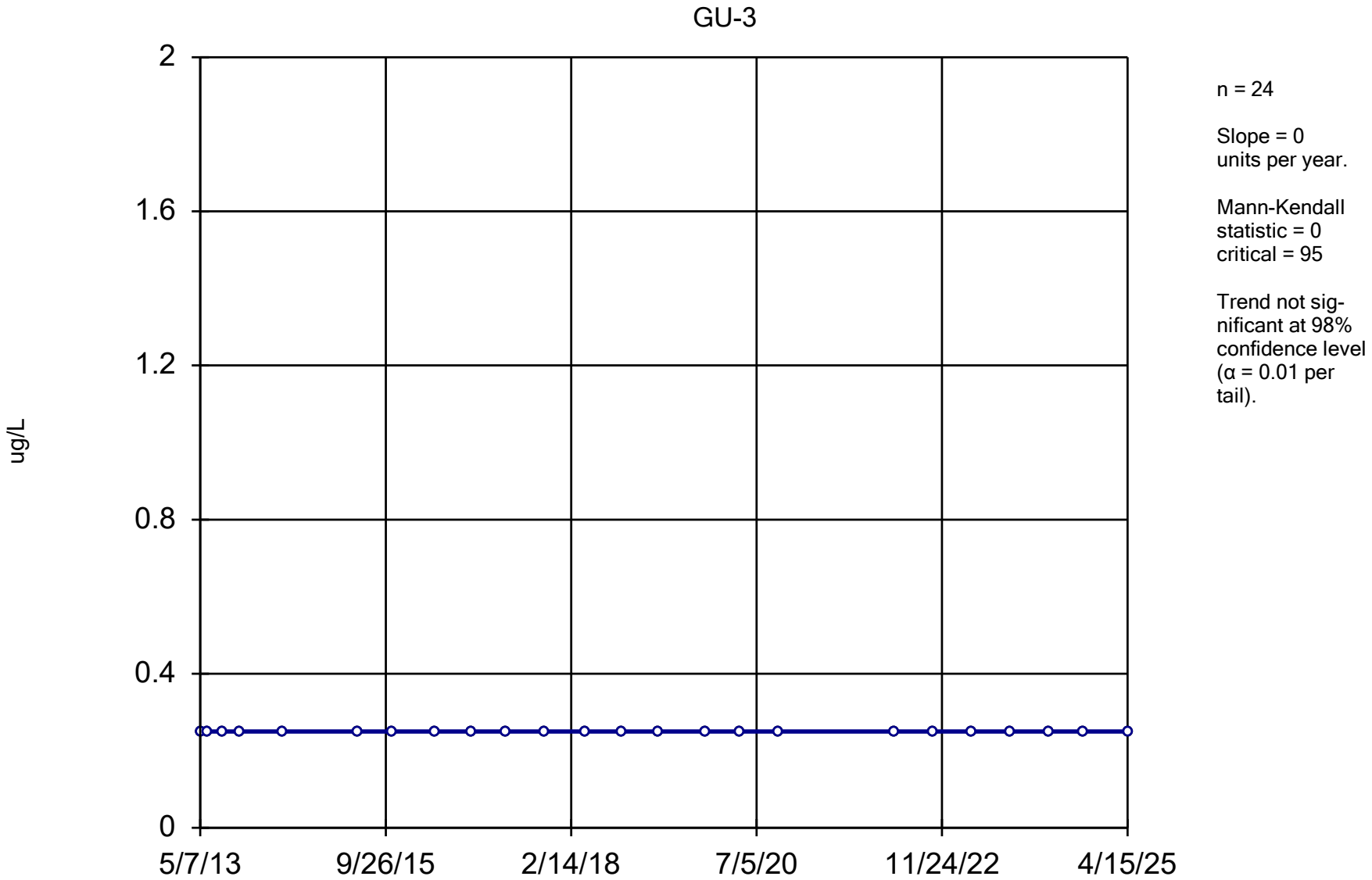
Mann-Kendall
statistic = 0
critical = 95

Trend not sig-
nificant at 98%
confidence level
(α = 0.01 per
tail).

Constituent: cis-1,2-Dichloroethene Analysis Run 6/13/2025 8:18 AM View: Underdrains_Appendix I VOC DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

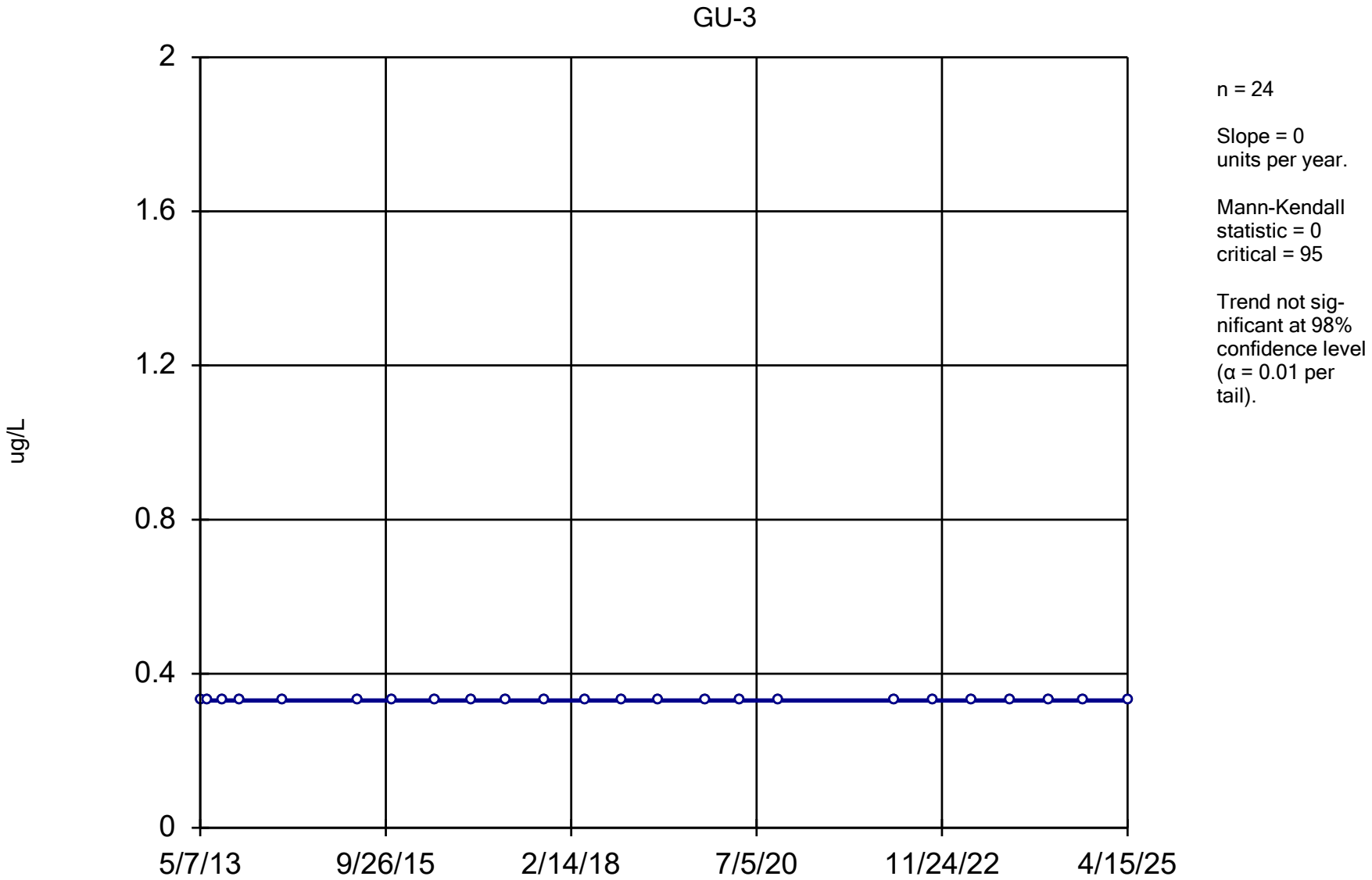
Sen's Slope Estimator



Constituent: cis-1,3-Dichloropropene Analysis Run 6/13/2025 8:18 AM View: Underdrains_Appendix I VO DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

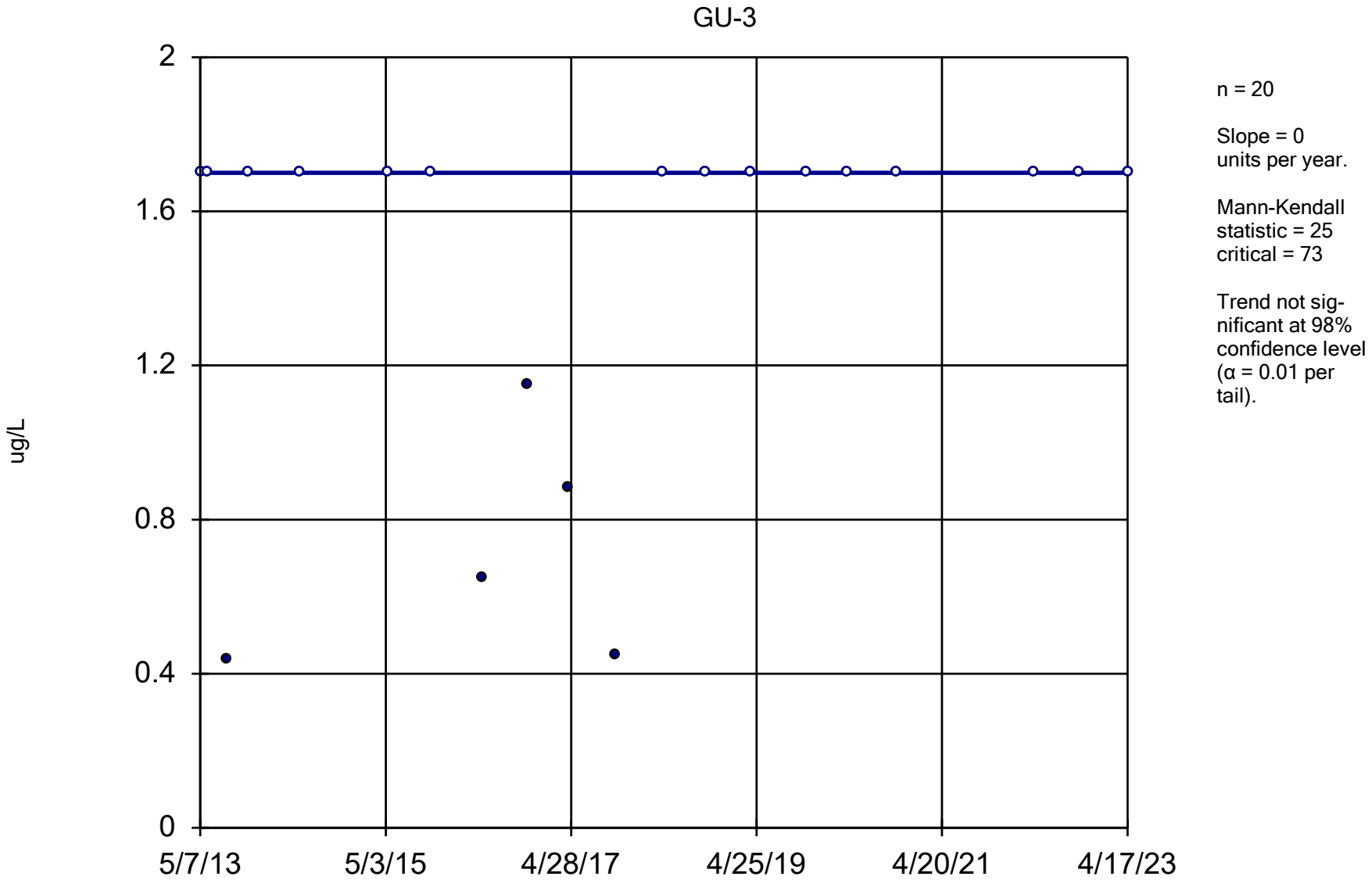
Sen's Slope Estimator



Constituent: Dibromomethane Analysis Run 6/13/2025 8:18 AM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator



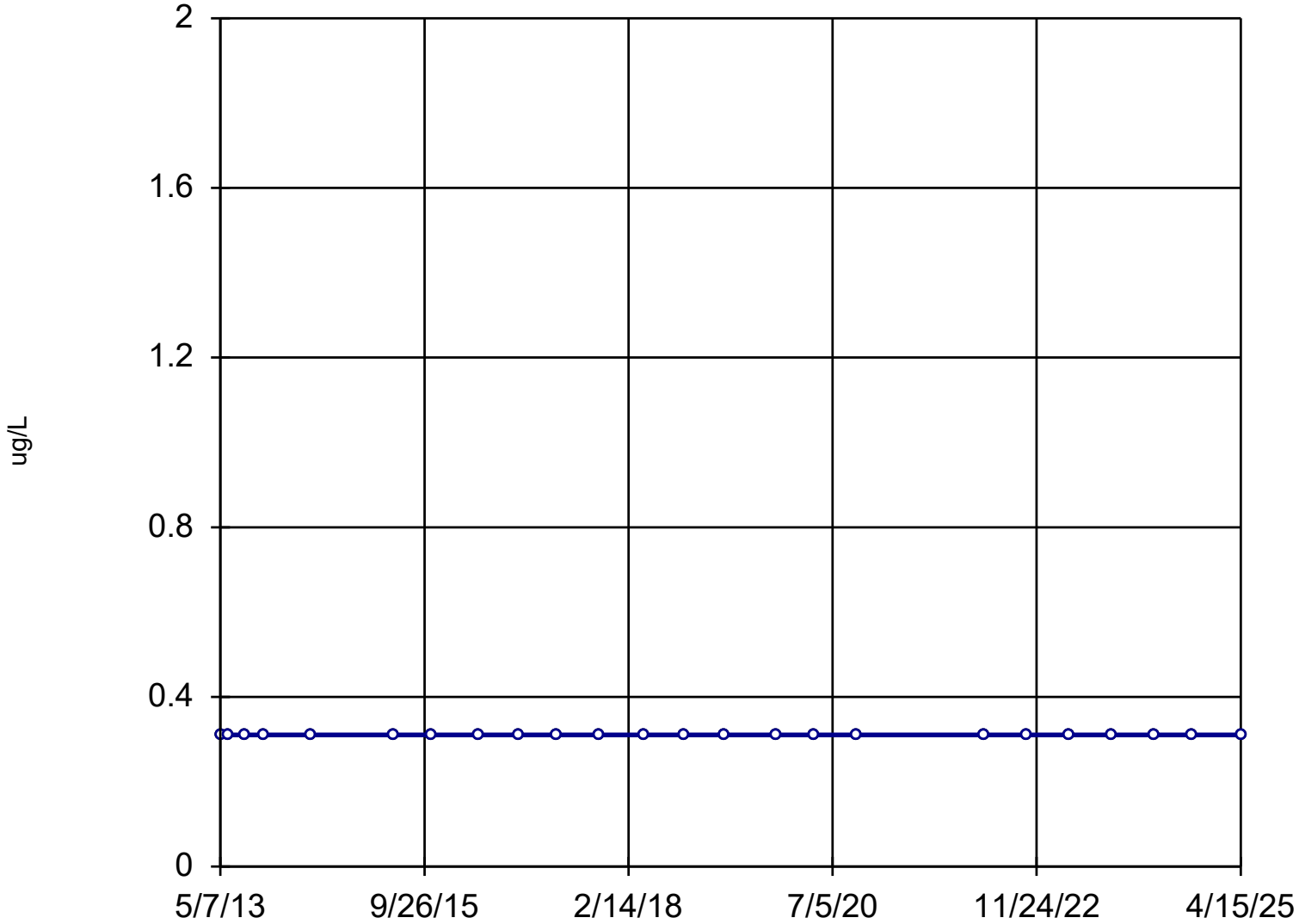
Constituent: Dichloromethane Analysis Run 6/13/2025 8:18 AM View: Underdrains_Appendix I VOCs

DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GU-3



n = 24

Slope = 0
units per year.

Mann-Kendall
statistic = 0
critical = 95

Trend not sig-
nificant at 98%
confidence level
(α = 0.01 per
tail).

Constituent: Ethylbenzene Analysis Run 6/13/2025 8:18 AM View: Underdrains_Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

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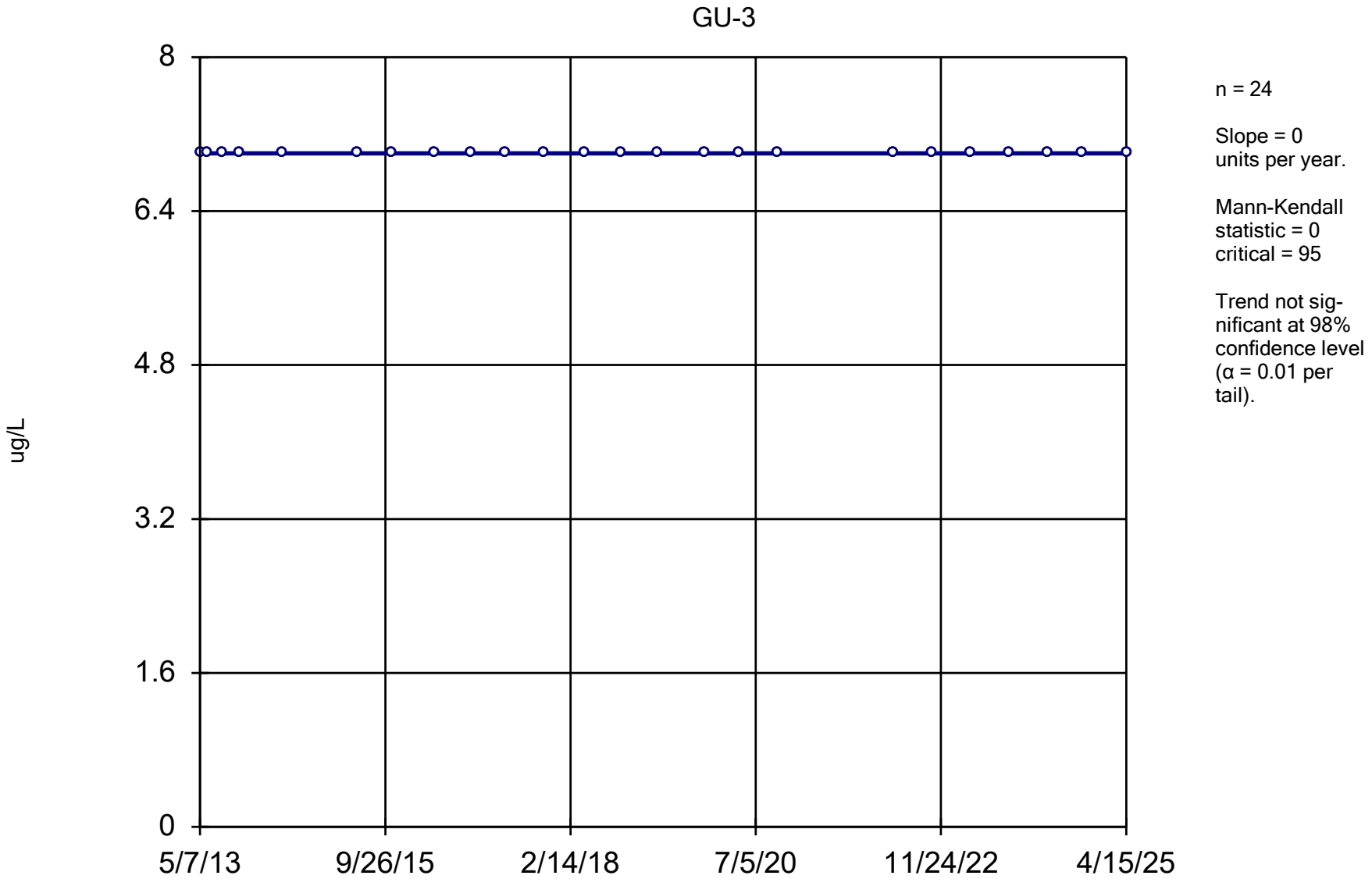
Hollow symbols indicate censored values.

Sen's Slope Estimator

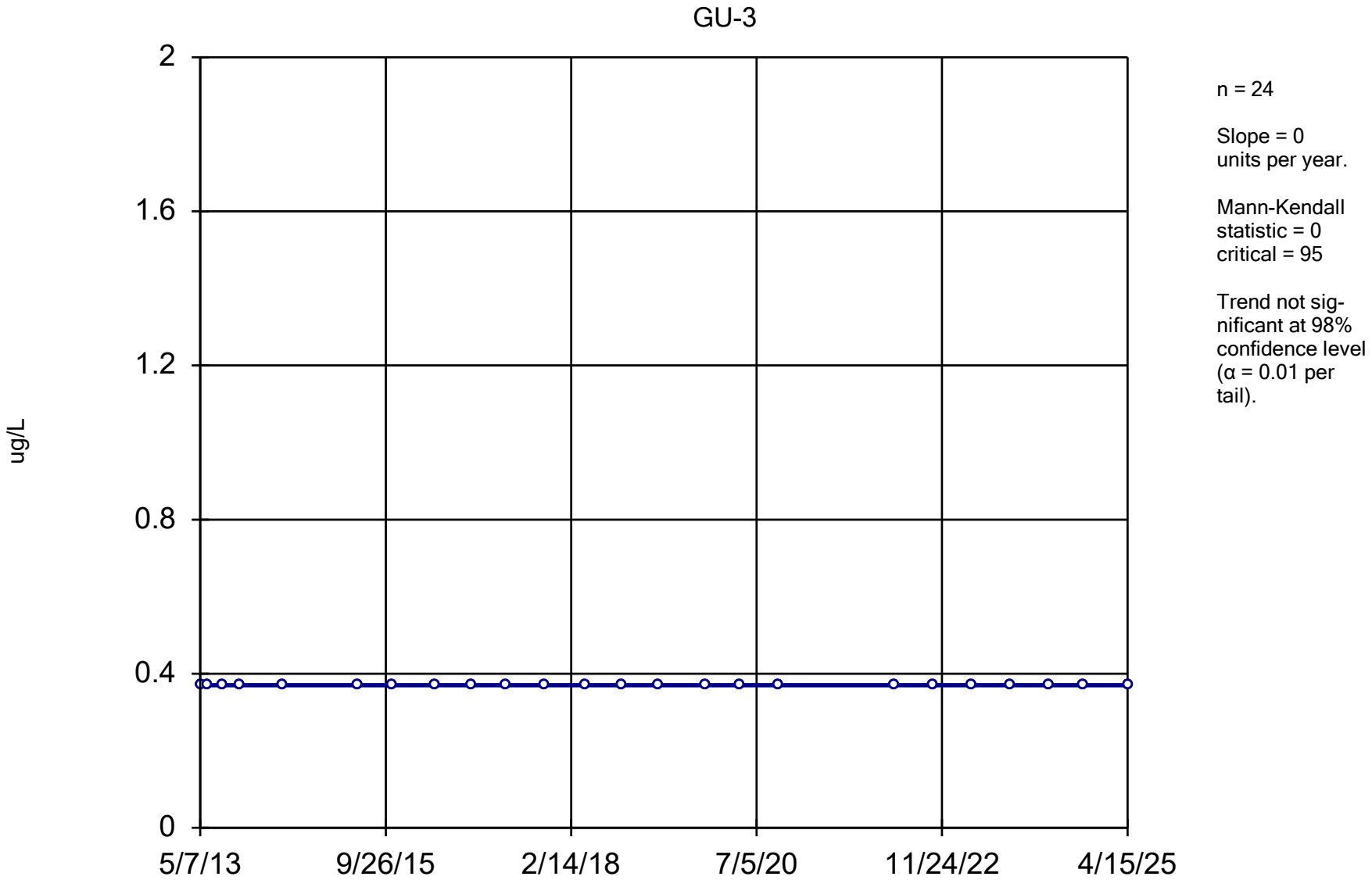


Constituent: Iodomethane Analysis Run 6/13/2025 8:18 AM View: Underdrains_Appendix I VOCs

DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

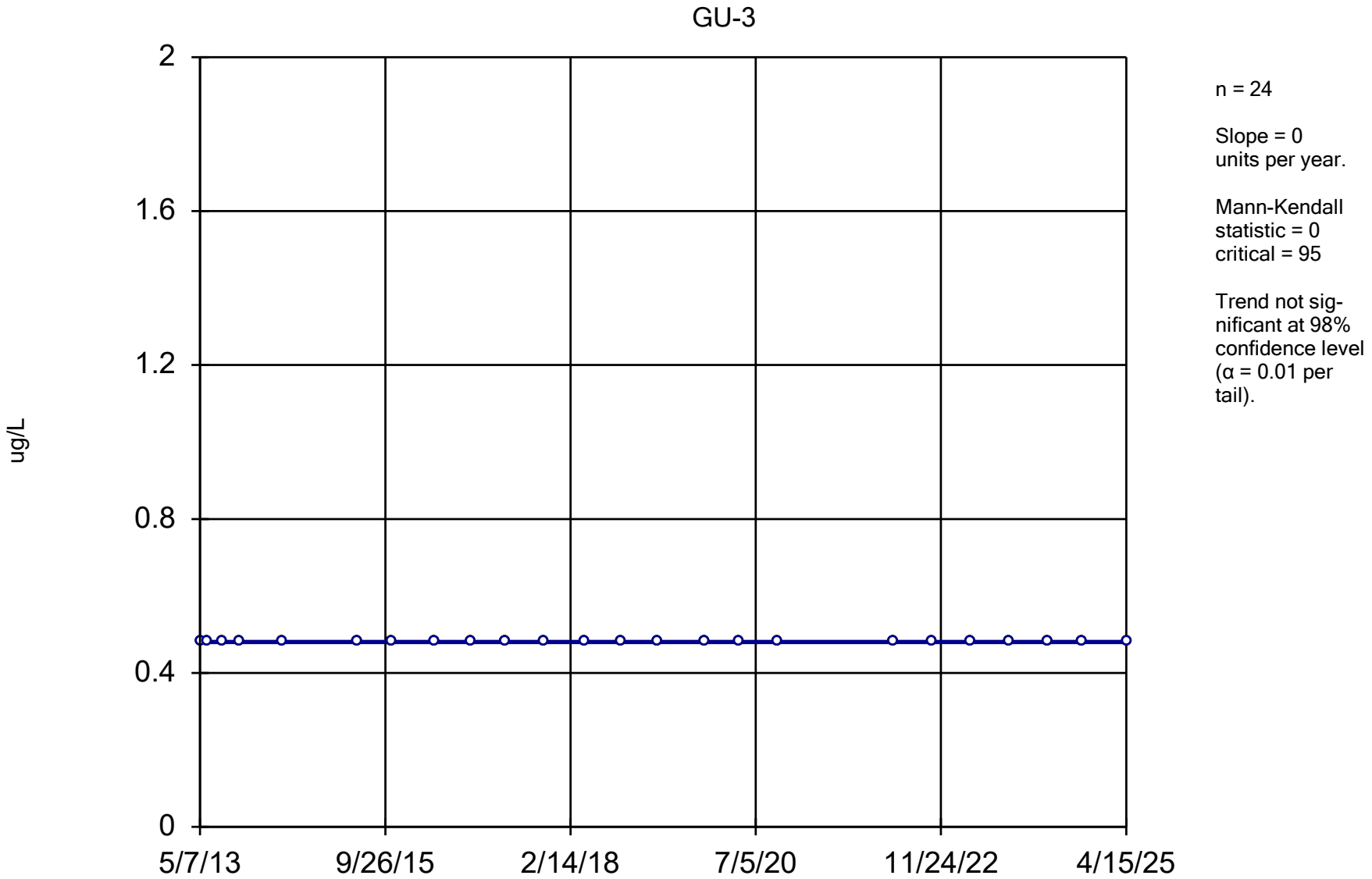


Constituent: Styrene Analysis Run 6/13/2025 8:18 AM View: Underdrains_Appendix I VOCs

DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

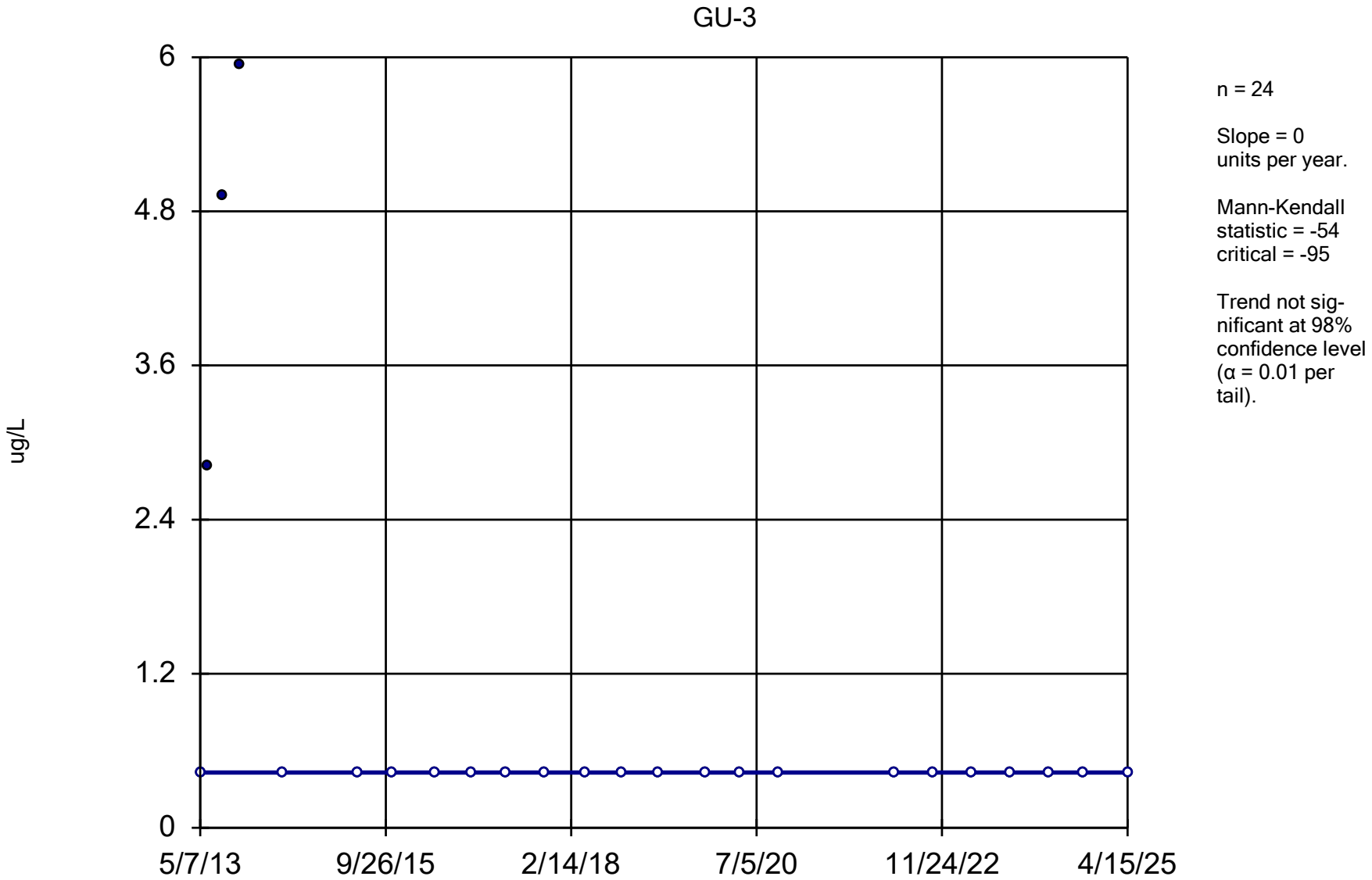


Constituent: Tetrachloroethene Analysis Run 6/13/2025 8:18 AM View: Underdrains_Appendix I VOCs

DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

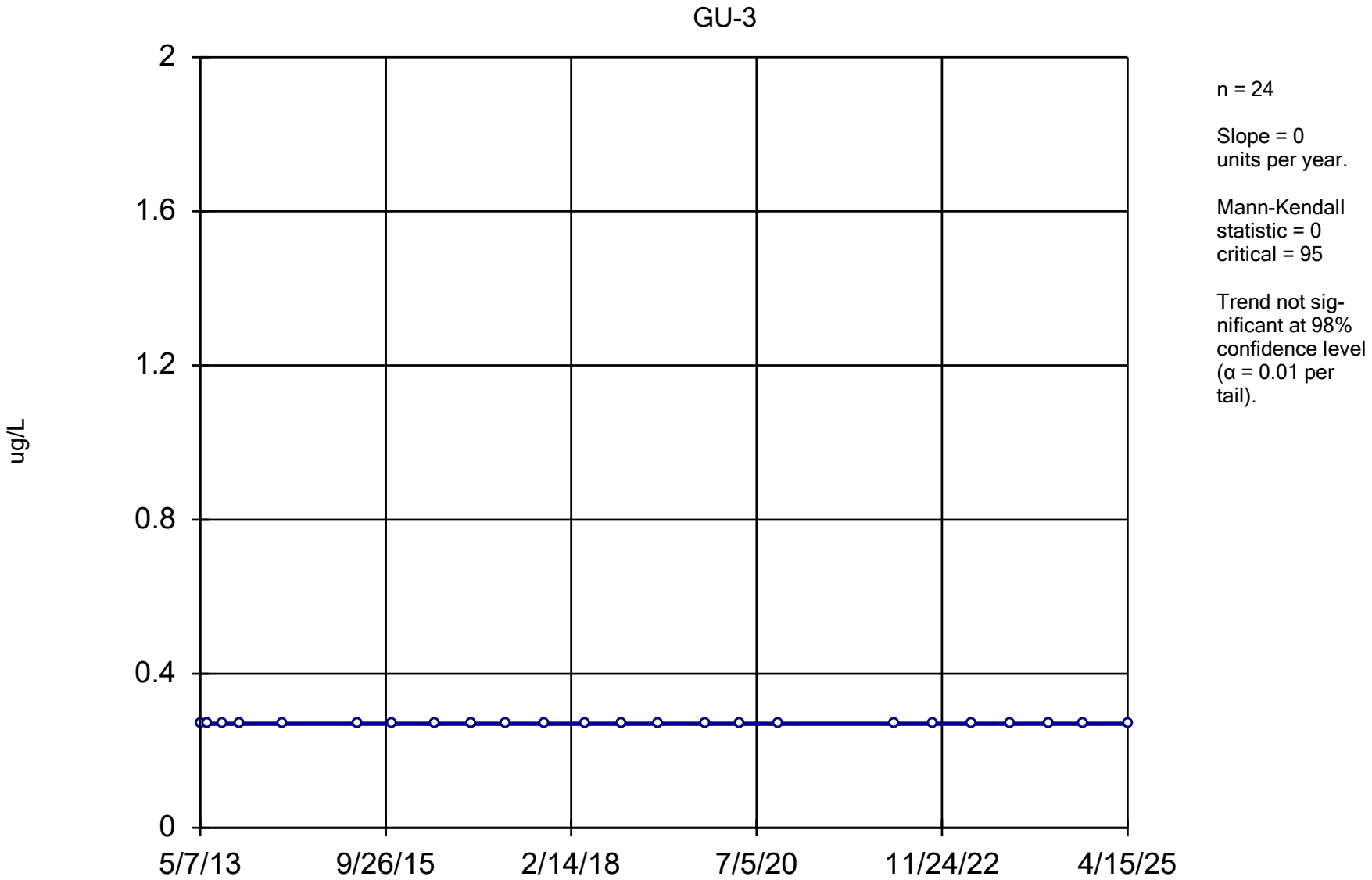


Constituent: Toluene Analysis Run 6/13/2025 8:18 AM View: Underdrains_Appendix I VOCs

DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

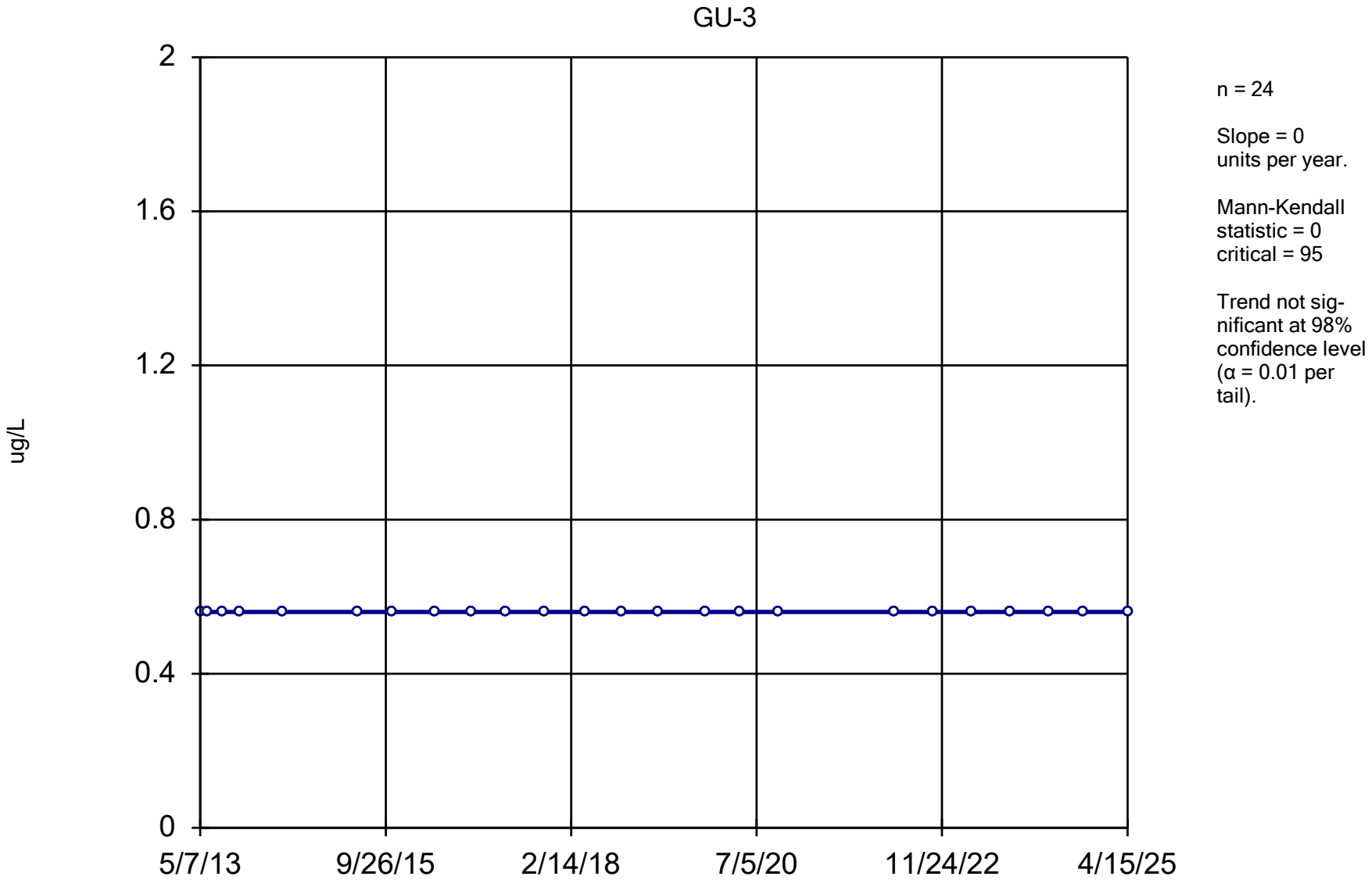
Sen's Slope Estimator



Constituent: trans-1,2-Dichloroethene Analysis Run 6/13/2025 8:18 AM View: Underdrains_Appendix I VO DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

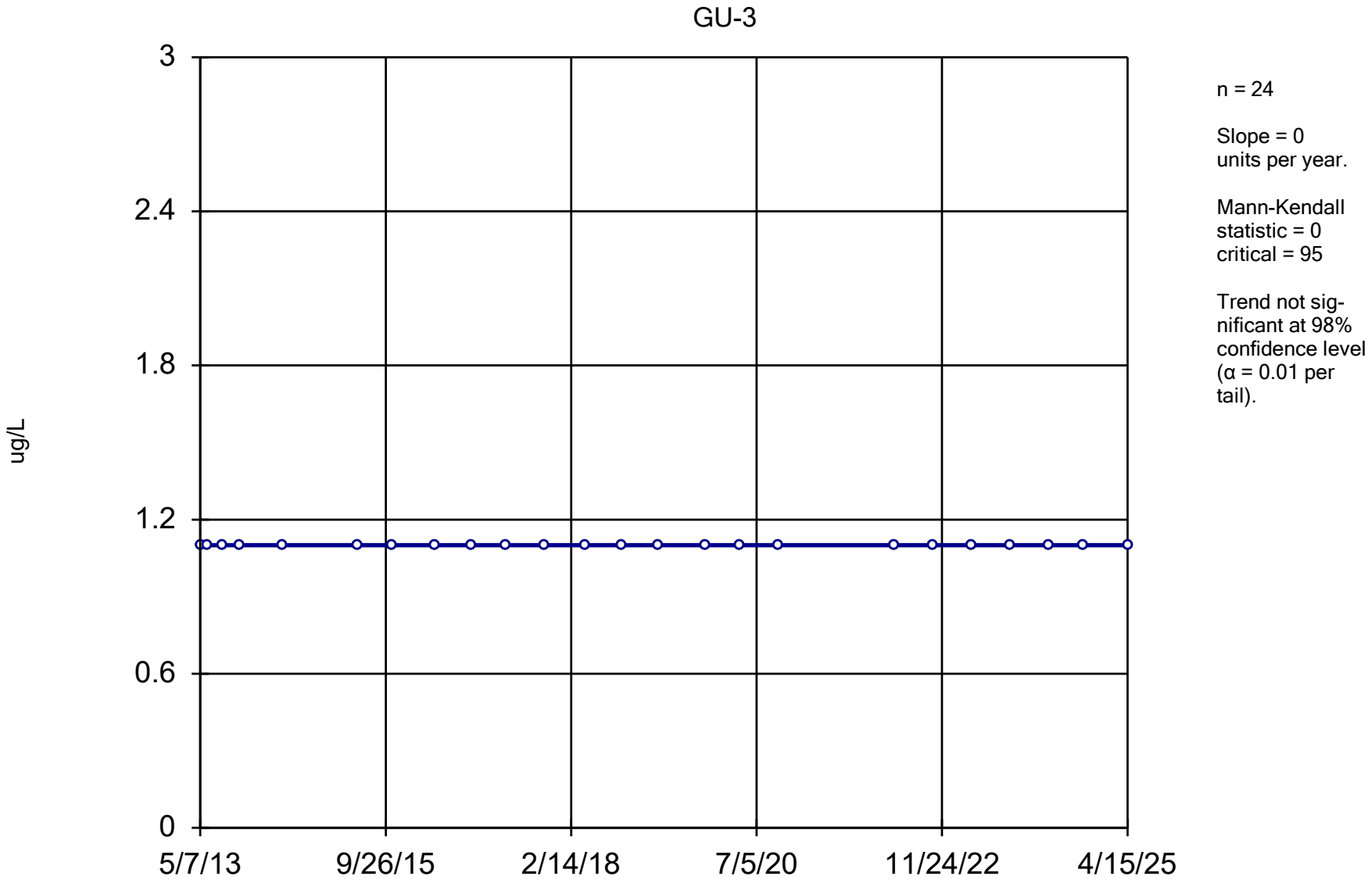
Sen's Slope Estimator



Constituent: trans-1,3-Dichloropropene Analysis Run 6/13/2025 8:18 AM View: Underdrains_Appendix I V DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

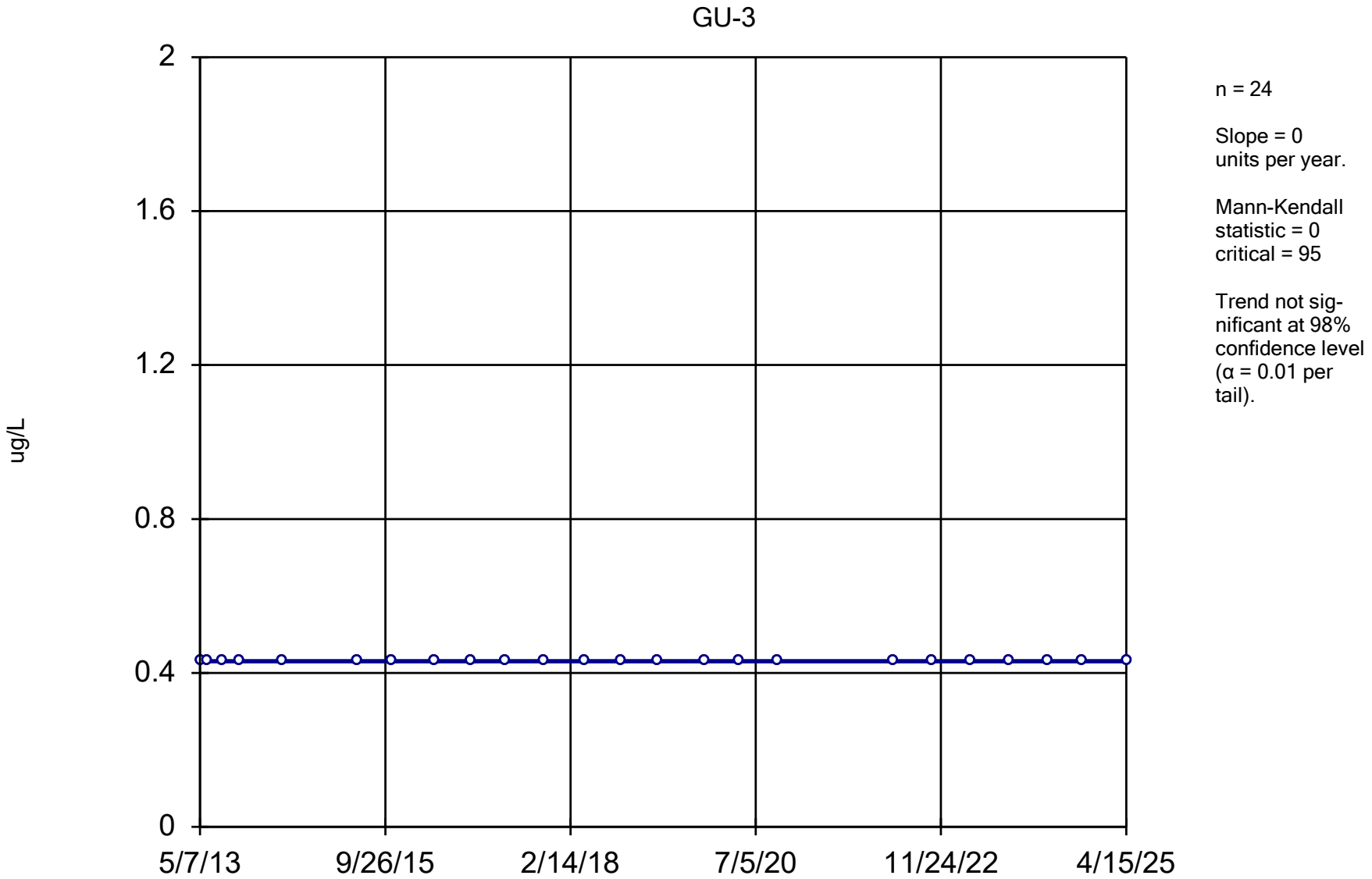


Constituent: trans-1,4-Dichloro-2-butene Analysis Run 6/13/2025 8:18 AM View: Underdrains_Appendix I

DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

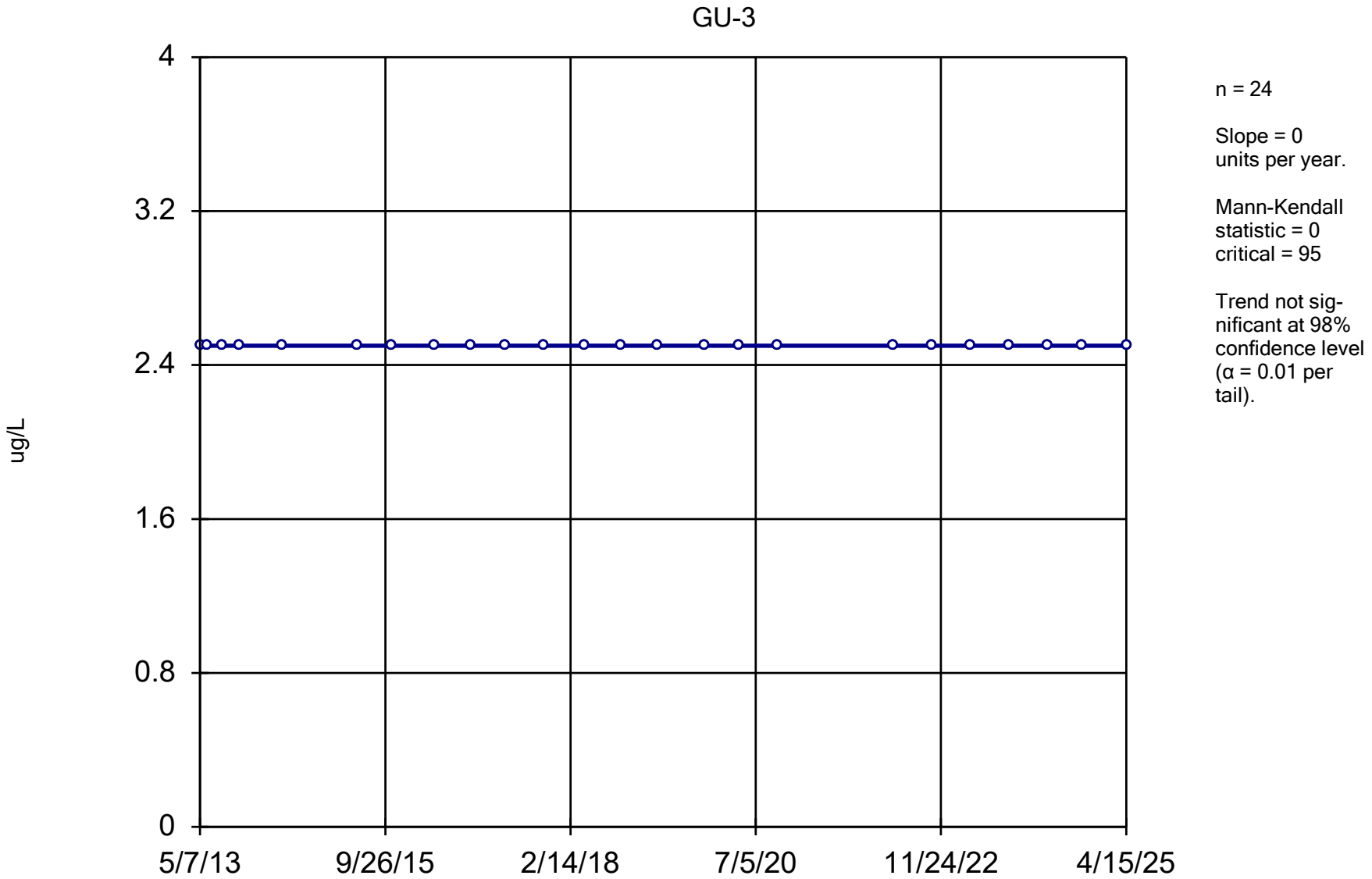


Constituent: Trichloroethene Analysis Run 6/13/2025 8:18 AM View: Underdrains_Appendix I VOCs

DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

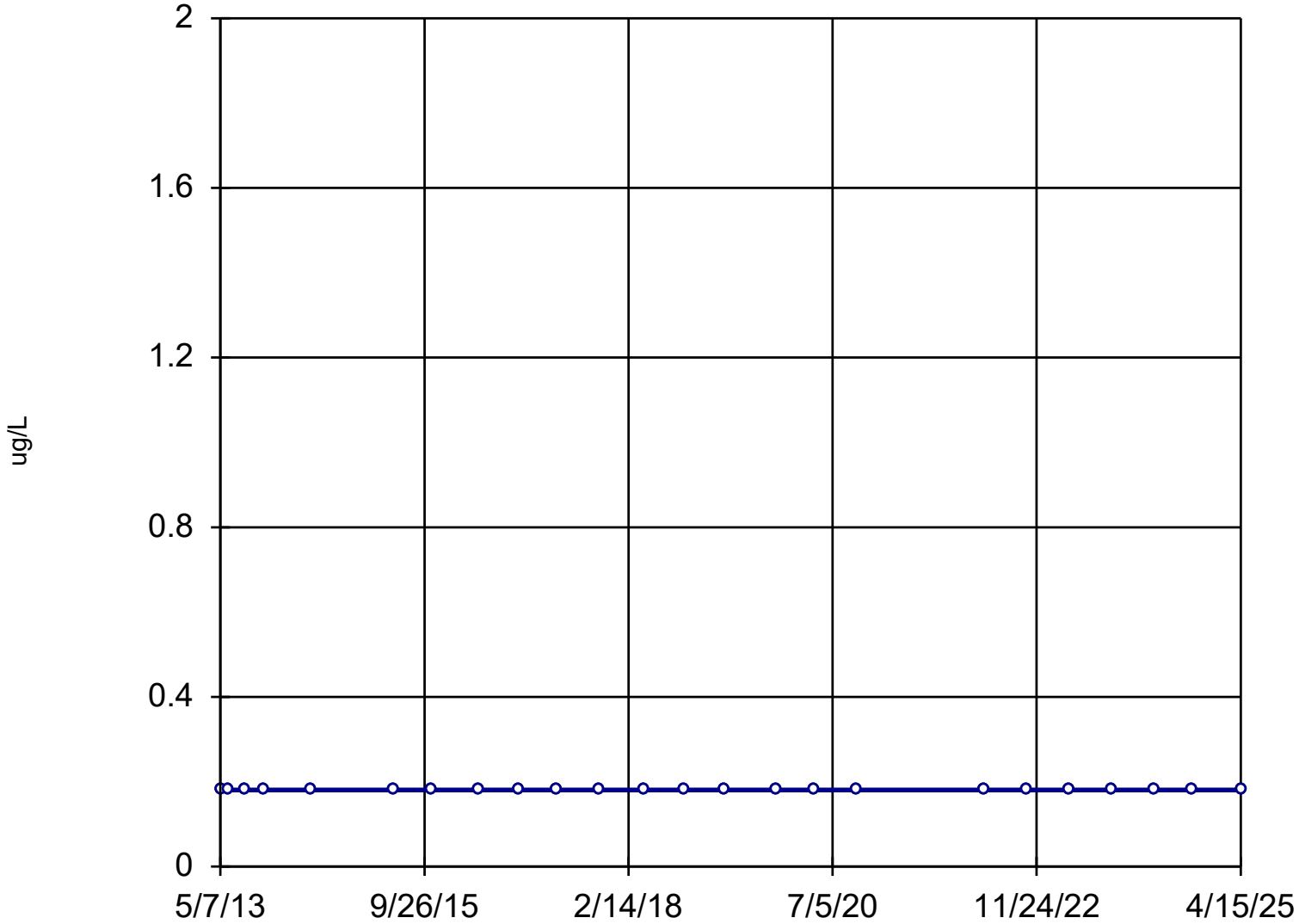


Constituent: Vinyl Acetate Analysis Run 6/13/2025 8:18 AM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

Sanitas™ v.10.0.15 Software licensed to HDR, Inc. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GU-3



n = 24

Slope = 0
units per year.

Mann-Kendall
statistic = 0
critical = 95

Trend not sig-
nificant at 98%
confidence level
(α = 0.01 per
tail).

Constituent: Vinyl chloride Analysis Run 6/13/2025 8:18 AM View: Underdrains_Appendix I VOCs DMASWA Data: DMASWA Database_Updated

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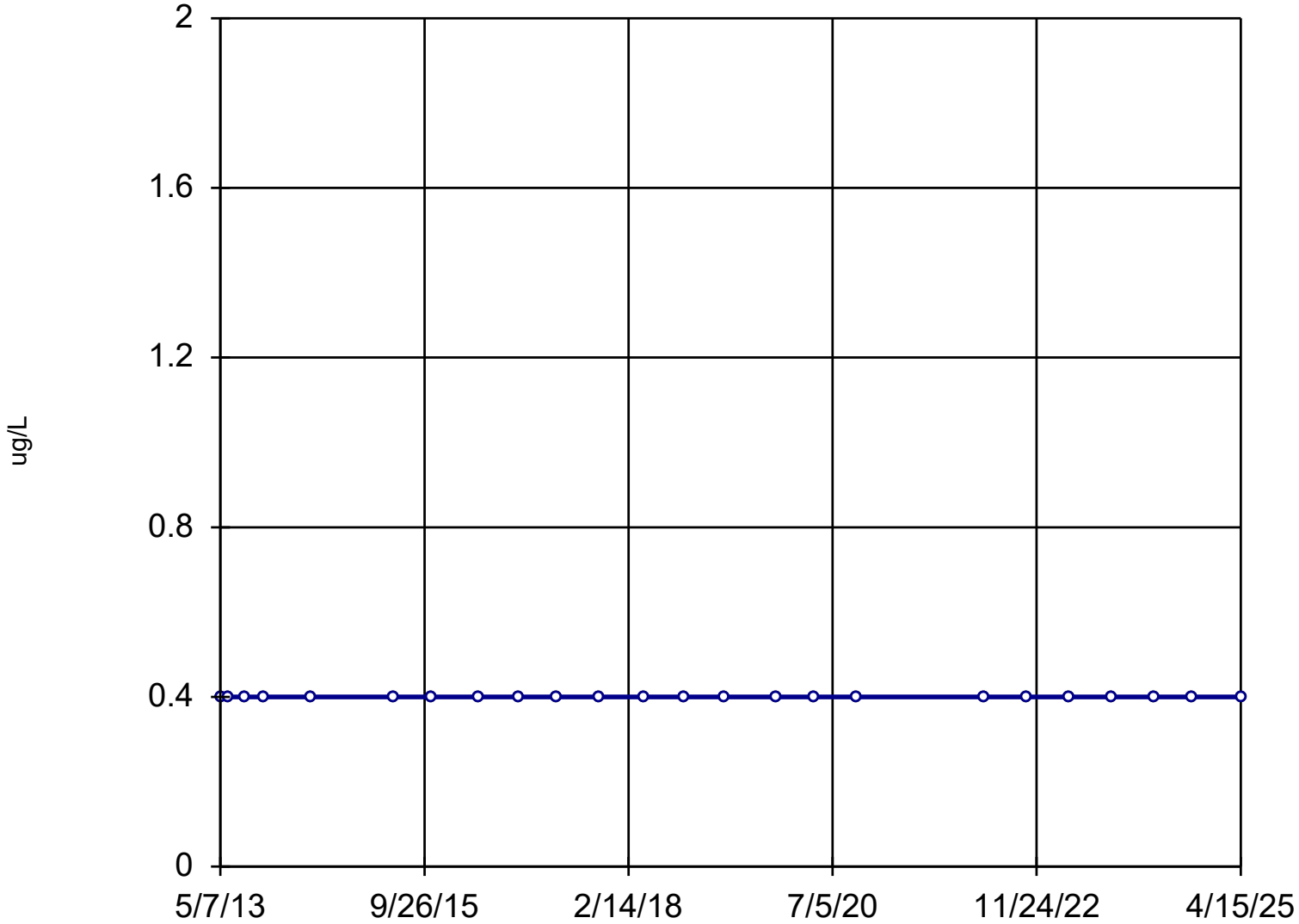
Hollow symbols indicate censored values.

Sen's Slope Estimator

GU-3



n = 24

Slope = 0
units per year.

Mann-Kendall
statistic = 0
critical = 95

Trend not sig-
nificant at 98%
confidence level
(α = 0.01 per
tail).

Constituent: Xylenes, Total Analysis Run 6/13/2025 8:18 AM View: Underdrains_Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

Trend Test

DMASWA Data: DMASWA Database_Updated Printed 6/13/2025, 9:17 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
1,1,1-Trichloroethane (ug/L)	GU-3	0	0	95	No	24	100	n/a	n/a	0.02	NP
1,1,2,2-Tetrachloroethane (ug/L)	GU-3	0	0	95	No	24	100	n/a	n/a	0.02	NP
1,1,2-Trichloroethane (ug/L)	GU-3	0	0	95	No	24	100	n/a	n/a	0.02	NP
1,1-Dichloroethane (ug/L)	GU-3	0	0	95	No	24	100	n/a	n/a	0.02	NP
1,1-Dichloroethene (ug/L)	GU-3	0	0	95	No	24	100	n/a	n/a	0.02	NP
1,2,3-Trichloropropane (ug/L)	GU-3	0	0	95	No	24	100	n/a	n/a	0.02	NP
1,2-Dibromo-3-chloropropane (ug/L)	GU-3	0	0	95	No	24	100	n/a	n/a	0.02	NP
1,2-Dibromoethane [EDB] (ug/L)	GU-3	0	0	95	No	24	100	n/a	n/a	0.02	NP
1,2-Dichlorobenzene (ug/L)	GU-3	0	0	95	No	24	100	n/a	n/a	0.02	NP
1,2-Dichloroethane (ug/L)	GU-3	0	0	95	No	24	100	n/a	n/a	0.02	NP
1,2-Dichloropropane (ug/L)	GU-3	0	0	95	No	24	100	n/a	n/a	0.02	NP
1,4-Dichlorobenzene (ug/L)	GU-3	0	0	95	No	24	100	n/a	n/a	0.02	NP
2-Butanone [MEK] (ug/L)	GU-3	0	0	95	No	24	100	n/a	n/a	0.02	NP
2-Hexanone (ug/L)	GU-3	0	0	95	No	24	100	n/a	n/a	0.02	NP
4-Methyl-2-pentanone (ug/L)	GU-3	0	0	95	No	24	100	n/a	n/a	0.02	NP
Acetone (ug/L)	GU-3	0	5	78	No	21	90.48	n/a	n/a	0.02	NP
Acrylonitrile (ug/L)	GU-3	0	0	95	No	24	100	n/a	n/a	0.02	NP
Benzene (ug/L)	GU-3	0	0	95	No	24	100	n/a	n/a	0.02	NP
Bromochloromethane (ug/L)	GU-3	0	0	95	No	24	100	n/a	n/a	0.02	NP
Bromodichloromethane (ug/L)	GU-3	0	0	95	No	24	100	n/a	n/a	0.02	NP
Bromoform (ug/L)	GU-3	0	0	95	No	24	100	n/a	n/a	0.02	NP
Bromomethane (ug/L)	GU-3	0	5	95	No	24	95.83	n/a	n/a	0.02	NP
Carbon disulfide (ug/L)	GU-3	0	0	95	No	24	100	n/a	n/a	0.02	NP
Carbon Tetrachloride (ug/L)	GU-3	0	0	95	No	24	100	n/a	n/a	0.02	NP
Chlorobenzene (ug/L)	GU-3	0	0	95	No	24	100	n/a	n/a	0.02	NP
Chloroform (ug/L)	GU-3	0	0	95	No	24	100	n/a	n/a	0.02	NP
Chloromethane (ug/L)	GU-3	0	0	95	No	24	100	n/a	n/a	0.02	NP
cis-1,2-Dichloroethene (ug/L)	GU-3	0	0	95	No	24	100	n/a	n/a	0.02	NP
cis-1,3-Dichloropropene (ug/L)	GU-3	0	0	95	No	24	100	n/a	n/a	0.02	NP
Dibromomethane (ug/L)	GU-3	0	0	95	No	24	100	n/a	n/a	0.02	NP
Dichloromethane (ug/L)	GU-3	0	25	73	No	20	75	n/a	n/a	0.02	NP
Ethylbenzene (ug/L)	GU-3	0	0	95	No	24	100	n/a	n/a	0.02	NP
Iodomethane (ug/L)	GU-3	0	0	95	No	24	100	n/a	n/a	0.02	NP
Styrene (ug/L)	GU-3	0	0	95	No	24	100	n/a	n/a	0.02	NP
Tetrachloroethene (ug/L)	GU-3	0	0	95	No	24	100	n/a	n/a	0.02	NP
Toluene (ug/L)	GU-3	0	-54	-95	No	24	87.5	n/a	n/a	0.02	NP
trans-1,2-Dichloroethene (ug/L)	GU-3	0	0	95	No	24	100	n/a	n/a	0.02	NP
trans-1,3-Dichloropropene (ug/L)	GU-3	0	0	95	No	24	100	n/a	n/a	0.02	NP
trans-1,4-Dichloro-2-butene (ug/L)	GU-3	0	0	95	No	24	100	n/a	n/a	0.02	NP
Trichloroethene (ug/L)	GU-3	0	0	95	No	24	100	n/a	n/a	0.02	NP
Vinyl Acetate (ug/L)	GU-3	0	0	95	No	24	100	n/a	n/a	0.02	NP
Vinyl chloride (ug/L)	GU-3	0	0	95	No	24	100	n/a	n/a	0.02	NP
Xylenes, Total (ug/L)	GU-3	0	0	95	No	24	100	n/a	n/a	0.02	NP

Groundwater Underdrains – Appendix I VOCs

Double Quantification Test

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VOC Screening

Analysis Run 6/13/2025 9:20 AM View: Underdrains_Appendix I VOCs
DMASWA Data: DMASWA Database_Updated

UG 'Double Quantification Rule' results for 43 constituents in GU-3 (d) on 5 dates:

-none-

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