



HydroTech Environmental

ENGINEERING AND GEOLOGY, DPC

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April 01, 2026

New York State Department of Environmental Conservation
Division of Environmental Remediation
47-40 21st Street
Long Island City, NY 11101
Attn.: Ms. Wendi Zheng, Project Manager

Re: Quarterly Status Report # 7– December 2025 to February 2026
1036 Manhattan Ave BCP Site
NYSDEC BCP Site #C224315
170 Freeman Street, Brooklyn New York (the “Site”)

Dear Ms. Zheng:

We are presenting Quarterly Status Report (QSR), covering the period of December 2025 to February 2026, for the above-referenced New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) Site #C241159 (the Site). The scope of work presented in this document was performed in accordance with the September 2025 Site Management Plan. This work involved a seventh quarterly monitoring and sampling event of six off-site groundwater monitoring wells following in-situ groundwater bioremedial treatment, dewatering activities, and source removal below the saturated zone that were completed between February and June 2024.

Site Description and Background

This Site is currently developed with a new 8-story mixed residential and commercial building with a partial basement. A BCP remedial action for Track 2/Track 4 restricted residential, commercial, and industrial use was implemented during this Site development in accordance with Interim Remedial Measures Work Plan (IRM WP) dated February 18, 2022, and IRM WP Addendum dated November 22, 2023.

During this remedial action, groundwater impacted with dissolved chlorinated volatile organic compounds (CVOCs) beneath the northwestern portion of the Site was treated via *in-situ* injections of bioremedial agents identified as 3_D Microemulsion Factory Emulsified (3DME) mixed with additives identified as Bio-Dechlor Inoculum Plus (BDI Plus). These CVOCs are identified as tetrachloroethene (PCE), cis-1,2-dichloroethylene (cis-1,2-DCE) methylene chloride, trans-1,2-dichloroethylene (trans-1,2-DCE) and vinyl chloride (VC). Dewatering activities and source removal to below the saturated zone were also performed as part of IRM activities during Site development.

An existing network of six off-site monitoring wells designated as MW-9, MW-10, MW-11R, MW-13R, MW-14 and MW-15 have been sampled post groundwater treatment during six consecutive quarterly sampling events between August 2024 and December 2025. Elevated concentrations of CVOCs have continued to be detected in exceedance of GQS in two downgradient wells MW-9 and MW-11 located beneath the adjacent northwestern and northern portions of the property. According to NYSDEC-approved Site Management Plan (SMP) dated October 2025 the quarterly groundwater monitoring program will continue until the 8th round of sampling with a contingency for a corrective action to address any CVOCs exceedances of GQS via a second round of bioremedial reinjections.

Groundwater Monitoring and Sampling

This seventh quarterly groundwater sampling was performed on February 27, 2026, for all six off-site monitoring wells MW-9, MW-10, MW-11R, MW-13R, MW-14, and MW-15. Figure 1 provides a map of groundwater sampling locations

Prior to groundwater sampling, each well was gauged to determine the depth of water using Solinst 122 Oil/Water Interface Probe. **Table 1** provides the results of groundwater monitoring performed in all monitoring wells over time until recently. As **Table 1** indicates, no free product was detected in any of the gauged monitoring wells. The depth to water during this reporting period ranged between 8.90 feet in MW-10 to 10.56 feet in MW-14. The depth to water during February 2026 showed a decrease in all monitoring wells by an average of 0.48 feet from the November 2025 monitoring event. This marks a further decrease from the average of 0.22 feet reported previously in all wells from August to November 2025.

Utilizing the casing elevations and the depth to water measured in the monitoring wells during this period in February 2026, the groundwater elevations in the wells were then determined, which therefore, allowed for the determination of the groundwater flow direction. The groundwater flow direction in the vicinity of the Site was determined to be toward the north and northwest, consistent with the historic flow directions reported for the Site. **Figures 2** provides the contour map of groundwater flow direction during February 2026.

Monitoring well sampling was performed utilizing a low flow pump fitted with dedicated polyethylene tubing. The monitoring wells were purged and sampled in accordance with the USEPA's Region 1 Low-Stress (Low Flow) Purging and Sampling Procedure for the Collection of Groundwater Samples from Monitoring Wells (EQASOP #GW4, Rev. September 19, 2017) and following the stabilization of water quality indicator parameters by running the pumped groundwater through a Horiba U-52 Multiparameter Meter.

Each well was pumped with a Peristaltic DC Pump by Geotech Geopump at a rate between 100 – 200 ml/min till the turbidity of the groundwater reached desired level (less than 50

NTU) and stabilized. The static depth to water and turbidity were recorded every 5 minutes after the pumping started. In addition, other aquifer parameters including pH, dissolved Oxygen, redox potential or ORP, temperature and specific conductivity were also recorded throughout the process. The depth to water was measured by Interface Probe. The groundwater samples were analyzed for VOCs via EPA Method 8260 in accordance with a Quality Assurance Project Plan (QAPP) presented in Appendix 9 of the NYSDEC-approved October 2025 SMP. Groundwater monitoring / sampling / purge logs generated during this sampling event are included in **Appendix 1**.

Collected groundwater samples from the monitoring wells were placed in a cooler filled with ice and maintained at a maximum of 4 degrees Celsius. The samples were transmitted under proper chain of custody procedures to a State-certified (ELAP) laboratory and analyzed for VOCs in accordance with EPA Method 8260. **Appendix 2** provides a copy of the laboratory report.

All purge water and equipment decontamination liquid were contained in a 55-gallon drum that is currently staged on-site, for offsite disposal at a later date.

Groundwater Results

Table 2 provides the VOC results for the recent groundwater sampling from the six off-site monitoring wells MW-9, MW-10, MW-11R, MW-13R, MW-14 and MW-15. **Table 2** provides a comparison of results to NYSDEC 6NYCRR Part 703.5 Class groundwater Quality Standards (GQS).

As **Table 2** indicates, CVOCs were detected in three off-site monitoring well MW-9, MW-10 and MW-11R at concentrations exceeding their respective Method Detection Limits. Individual concentrations of these CVOCs exceeded their respective GQS in MW-9 and MW-10 and included the following:

- Cis-1,2-DCE (max. 424 µg/L) and trans-1,2-DCE (23.30 µg/L) detected in MW-9.
- Chloroform (16.6 µg/L) detected in MW-10. This compound was also detected in the field blank sample. Since field decontamination product did not contain this solvent, its detection in MW-10 is likely related to laboratory contamination and it should be dismissed.

The VOC acetone (max 258 µg/L) was detected in MW-11R at a concentration exceeding its QS. This compound was also detected in the trip blank and field blank samples that are likely related to laboratory contamination and should be dismissed.

No other VOCs were detected in any monitoring wells at concentration exceeding their GQS. **Figure 3** provided a map of CVOCs in groundwater pre- & post-remedial injections.

A Data Usability Summary Report (DUSR) was prepared for the recent analytical results for the groundwater samples by an independent data reviewer, Dr. Mohammed Al-Qinna,

a DAR approved data validator. The results of the DUSR for analytical results indicate that the data is acceptable with minor issues in data summaries. All data is considered usable. A copy of the DUSR is provided in **Appendix 3**.

The groundwater data from this 7th quarterly sampling event was also submitted electronically to the NYSDEC and it was successfully uploaded through NYSDEC EQuIS Automated Data Loading (ADL) system using the NYSDEC standardized Electronic Data Deliverable (EDD) format.

Evaluation of Groundwater Quality

The groundwater flow direction beneath the Site is toward the north and northwest, and no free product was detected in any of the monitoring wells. This information continues to be consistent with historic groundwater monitoring records.

Site-related CVOCs detected at concentrations exceeding GQS continue to be limited to groundwater beneath the immediate northwestern downgradient vicinity of the Site as evidenced by the analytical results of MW-9. CVOCs also continue to be detected in groundwater beneath the immediate northern at recent concentrations that were below GQS as evidenced by the analytical results of MW-11R. Surrounding monitoring wells MW-13R and MW-14 located in the northern downgradient vicinity of the Site and MW-10, and MW-15 located in the western cross gradient vicinity have shown improved groundwater quality since at least November 2024.

CVOCs concentrations detected in off-site groundwater pre and post in-situ groundwater remedial injections are summarized in **Table 3**. As this table indicates, cis-1,2-DCE, trans-1,2-DCE have been detected in MW-9 above GQS throughout all sampling events. Cis-1,2-DCE concentrations in MW-11R have shown a seasonal trend of concentrations above and below GQS. The evaluation of the trend of fluctuations of CVOCs detected in MW-9 and MW-11R since November 2024 continues to show a polynomial correlation with the static depth of groundwater, which is evidence that the change in the CVOCs concentrations in these two wells tend to change with the elevation of groundwater.

The trends of CVOC concentrations exceeding GQS in MW-9 and MW-11R with respect to changes in the depth to water are shown in **Figures 4A to 4E** and **Figure 5**.

Conclusions

Based upon the information and data presented above, we can conclude that:

- Groundwater flow direction beneath the Site has been determined toward the north and northwest. No free product has been detected in any monitoring wells.
- Groundwater sampling continues to indicate individual CVOCs in exceedance of GQS are detected in the northwestern adjacent vicinity of the Site in MW-9

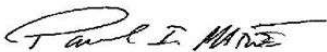
- No impact of CVOCs was detected in the remaining off-site monitoring wells MW-10, MW-11R, MW-13R, MW-14, and MW-15.

Recommendation

- The quarterly sampling of the wells will continue. The next sampling is scheduled for May 2026.

Very Truly Yours,

Hydro Tech Environmental Engineering and Geology, DPC



Paul I. Matli, PhD, PG
Senior Project Manager

cc: J. O'Connell - NYSDEC w/ Enc. (by email)
G. Duke, Esq. – Fox Rothschild LLP. w/ Enc. (by email)
M. Kesten - BK Corners LLC w/ Enc. (by email)
D. Greenberg - 170 Freeman LLC (by email)
T. Khouri, PE – HydroTech (by email)
Hydro Tech files 210010 & 230051 w/ Enc.

Attachments

Figures

- 1- Map of Groundwater Sampling Locations
- 2- Groundwater Flow Diagram – February 2026
- 3- Map of CVOCs in Groundwater Pre and Post Remedial Injections
- 4- Trends of CVOCs concentrations in MW-9 with Depth to Water (A, B, C, D, E)
- 5- Trends of Cis-1,2-DCE Concentration Exceeding GQS in MW-11 and MW-11R With Depth to Water

Tables

- 1- Groundwater Monitoring and Surveying Data Pre and Post IRM Injections
- 2- Groundwater Samples Analytical Results – February 2026
- 3- Groundwater Samples Analytical Results for CVOCs Pre and Post IRM Injections

Appendices

- 1- Groundwater Monitoring/Sampling/Purge Logs
- 2- Laboratory Report
- 3- DUSR

EXCLUSIONS & DISCLAIMER

The observations described in this report were made under the conditions stated therein. The conclusions presented in the report were based solely upon the services described therein, and not on scientific tasks or procedures beyond the scope of described services or the time and budgetary constraints imposed by the Client. No warranty, expressed or implied, is made whatsoever in connection with this report.

In preparing this report, HydroTech Environmental Engineering and Geology, DPC. may have relied on certain information provided by state and local officials and other parties referenced therein, and on information contained in the files of state and/or local agencies available to HydroTech Environmental Engineering and Geology, DPC. at the time of the subject property assessment. Although there may have been some degree of overlap in the information provided by these various sources, HydroTech Environmental Engineering and Geology, DPC. did not attempt to independently verify the accuracy or completeness of all information reviewed or received during the course of this subject property assessment.

Observations were made of the subject property and of structures on the subject property as indicated within the report. Where access to portions of the subject property or to structures on the subject property was unavailable or limited, HydroTech Environmental Engineering and Geology, DPC. renders no opinion as to the presence of non-hazardous or hazardous materials, or to the presence of indirect evidence relating to non-hazardous or hazardous materials, in that portion of the subject property or structure. In addition, HydroTech Environmental Engineering and Geology, DPC. renders no opinion as to the presence of hazardous materials, or the presence of indirect evidence relating to hazardous materials, where direct observation of the interior walls, floors, or ceiling of a structure on a subject property was obstructed by objects or coverings on or over these surfaces.

Any water level reading made in test pits, borings, and/or observation wells were made at the times and under the conditions stated in the report. However, it must be noted that fluctuations in the level of groundwater may occur due to variations in rainfall and other factors different from those prevailing at the time measurements were made.

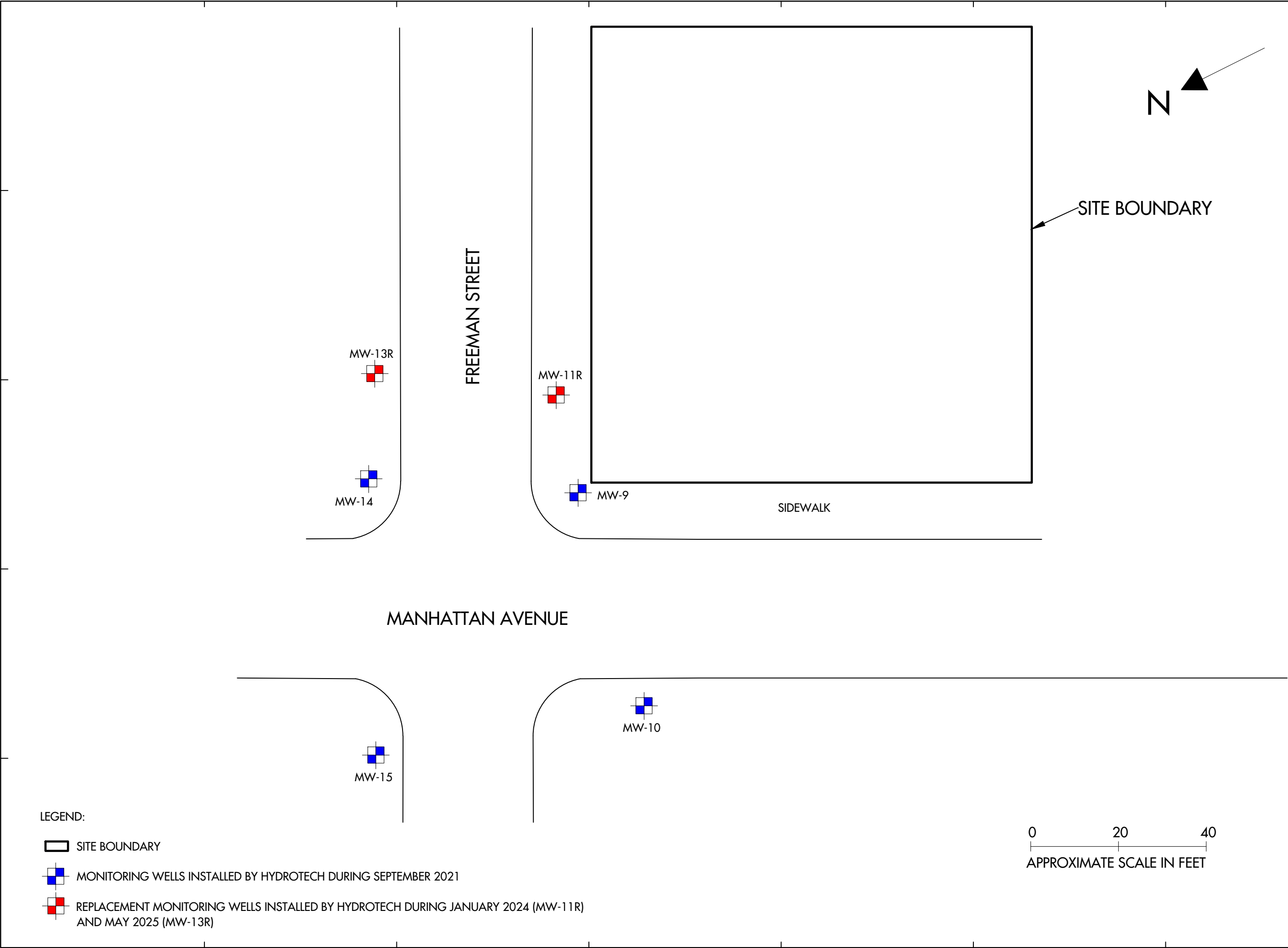
Except as noted within the text of the report, no qualitative laboratory testing was performed as part of the subject property assessment. Where an outside laboratory conducted such analyses, HydroTech relied upon the data provided, and has not conducted an independent evaluation of the reliability of the data.

The conclusions contained in this report are based in part, where noted, upon various types of chemical data and are contingent upon their validity. The data has been reviewed, and interpretations were made in the report. As indicated within the report, some of the data may be preliminary “screening” level data and should be confirmed with quantitative

analyses if more specific information is necessary. Moreover, it should be noted that variations in the types and concentrations of contaminants and variations in their flow paths may occur due to seasonal water table fluctuations, past disposal practices, the passage of time, and other factors. Should additional chemical data become available in the future, the data should be reviewed, and the conclusions and recommendations presented herein modified accordingly. If in the opinion of the Client/User or any third-party claiming reliance on this report, that HydroTech was negligent or in breach of contract, such aforementioned parties shall have 6 months from the date of HydroTech's visit to make a claim.

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FIGURES



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BASE DRAWING PREPARED BY

PROJECT NAME AND ADDRESS
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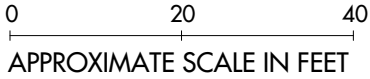
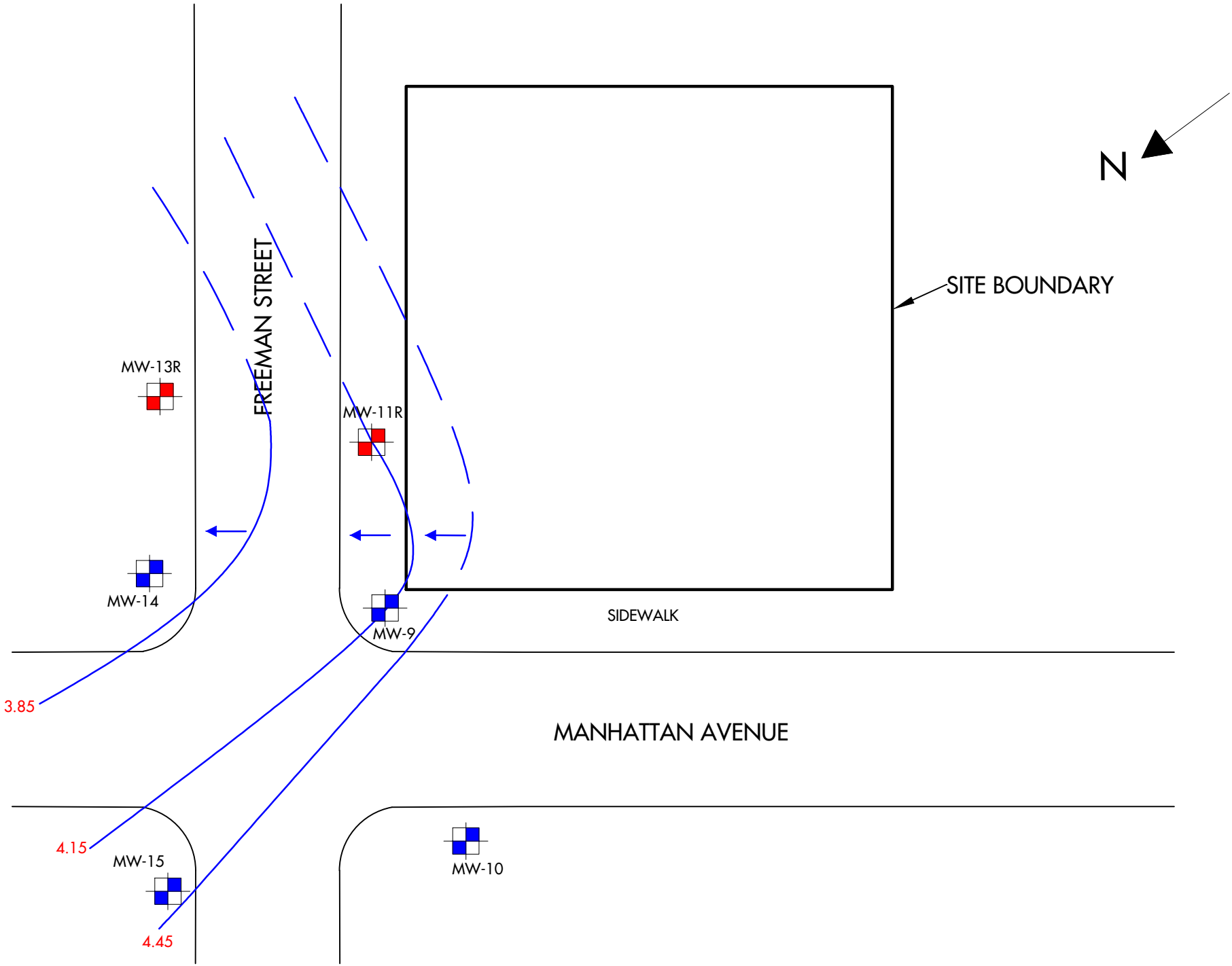
PROJECT FIGURE
FIGURE 1: MAP OF GROUNDWATER SAMPLING LOCATIONS

PROJECT NO. 230051	DATE 03/11/26
DRAWN BY A.S.	REVIEWED BY P.M.
SCALE (11X17) AS NOTED	APPROVED BY P.M.

C.I.=0.3 FEET	
MONITORING WELL ID	WATER TABLE ELEVATION (FT)
MW-9	4.15
MW-10	5.71
MW-11R	4.15
MW-13R	3.54
MW-14	3.74
MW-15	4.35

LEGEND:

-  SITE BOUNDARY
-  MONITORING WELL (MW-) INSTALLED BY HYDROTECH DURING SEPTEMBER 2021
-  REPLACEMENT MONITORING WELL (MW-) INSTALLED BY HYDROTECH DURING JANUARY 2024 (MW-11R) AND MAY 2025 (MW-13R)
-  GROUNDWATER CONTOUR LINE
-  DASHED WERE INFERRED
-  GROUNDWATER FLOW DIRECTION
- C.I. = CONTOUR INTERVAL



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PROJECT NAME AND ADDRESS
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PROJECT FIGURE
FIGURE 2: GROUNDWATER FLOW
DIAGRAM- FEBRUARY 2026

PROJECT NO. 230051	DATE 03/09/26
DRAWN BY A.S.	REVIEWED BY P.M.
SCALE (11X17) AS NOTED	APPROVED BY P.M.

Sample ID	MW-13									MW-13R						GQS		
Sampling Date	9/20/2021		1/2/2024		8/6/2024		11/7/2024		2/26/2025	5/23/2025		8/27/2025		11/17/2025			2/27/2026	
1,1-DCE	0.200	U	0.327	U	0.327	U	0.327	U	N	0.327	U	0.327	U	0.327	U	0.327	U	5
Cis-1,2-DCE	0.28	J	1.35		6.99		0.48	J	N	0.294	U	0.294	U	0.294	U	0.294	U	5
PCE	0.200	U	0.239	U	0.239	U	0.239	U	N	0.239	U	0.239	U	0.239	U	0.239	U	5
Trans-1,2-DCE	0.200	U	0.279	U	0.279	U	0.279	U	N	0.279	U	0.279	U	0.279	U	0.279	U	5
TCE	0.200	U	0.249	U	0.249	U	0.249	U	N	0.249	U	0.239	U	0.249	U	0.249	U	5
VC	0.47	J	5.36		0.469	U	1.07		N	0.469	U	0.469	U	0.469	U	0.469	U	2

Sample ID	MW-14															GQS	
Sampling Date	9/20/2021		1/2/2024		8/6/2024		11/7/2024		2/26/2025		5/23/2025		8/27/2025		11/17/2025		
1,1-DCE	0.200	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	5
Cis-1,2-DCE	0.27	J	0.294	U	0.32	J	0.294	U	0.294	U	0.294	U	0.294	U	0.294	U	5
PCE	0.200	U	0.239	U	0.239	U	0.239	U	0.239	U	0.239	U	0.239	U	0.239	U	5
Trans-1,2-DCE	0.200	U	0.279	U	0.279	U	0.279	U	0.279	U	0.279	U	0.279	U	0.279	U	5
TCE	0.200	U	0.249	U	0.249	U	0.249	U	0.249	U	0.249	U	0.239	U	0.249	U	5
VC	0.200	U	0.469	U	0.57		0.469	U	0.469	U	0.469	U	0.469	U	0.469	U	2

Sample ID	MW-9																GQS		
Sampling Date	9/20/2021		1/2/2024		8/6/2024		11/7/2024		2/26/2025		5/23/2025		9/25/2025 ⁽¹⁾		11/17/2025			2/27/2026	
1,1-DCE	0.200	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	5
Cis-1,2-DCE	679	D	84.70	D	144	E	190	D	296	D	412	D	246	BD	261	D	424	D	5
PCE	0.21	J	1.58		0.77		0.76		0.31	J	0.43	J	0.37	J	0.32	J	0.31	J	5
Trans-1,2-DCE	21.60		4.15		6.13		11.10		18.50		25.60		12		14.1		23.3		5
TCE	0.76		0.97		0.69		1.02		1.03		1.11		0.37	J	0.79		0.61		5
VC	23.40		0.58		2.75		5.73		2.16		4.05		0.78		3.46		0.469	U	2

Sample ID	MW-15														GQS
Sampling Date	9/21/2021	1/2/2024	8/6/2024	11/7/2024	2/26/2025	5/23/2025	8/27/2025	11/17/2025	2/27/2026						
1,1-DCE	0.200	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	5
Cis-1,2-DCE	0.200	U	0.294	U	0.294	U	0.294	U	0.294	U	0.294	U	0.294	U	5
PCE	0.200	U	0.239	U	0.239	U	0.239	U	0.239	U	0.239	U	0.239	U	5
Trans-1,2-DCE	0.200	U	0.279	U	0.279	U	0.279	U	0.279	U	0.279	U	0.279	U	5
TCE	0.200	U	0.249	U	0.249	U	0.249	U	0.249	U	0.239	U	0.249	U	5
VC	0.200	U	0.469	U	0.469	U	0.469	U	0.469	U	0.469	U	0.469	U	2

LEGEND:

 SITE BOUNDARY

 MONITORING WELL (MW-) INSTALLED BY HYDROTECH DURING SEPTEMBER 2021

 REPLACEMENT MONITORING WELL INSTALLED BY HYDROTECH DURING JANUARY 2024 (MW-11R) AND DURING MAY 2025 (MW-13R)

 SHADED CONCENTRATION EXCEEDS GQS

NOTES:

ALL CONCENTRATIONS ARE REPORTED IN µg/L

U = ANALYTE NOT DETECTED AT OR ABOVE THE LEVEL INDICATED

D = RESULT IS FROM AN ANALYSIS THAT REQUIRED A DILUTION

J = ANALYTE DETECTED AT OR ABOVE THE MDL (METHOD DETECTION LIMIT) BUT BELOW THE RL (REPORTING LIMIT)

- DATA IS ESTIMATED

E = RESULT IS ESTIMATED AND CANNOT BE ACCURATELY REPORTED DUE TO LEVELS ENCOUNTERED OR INTERFERENCES

9/20/2021 = SHALLOW DEPTH GROUNDWATER SAMPLING PERFORMED DURING THE REMEDIAL INVESTIGATION

1/2/2024 = SHALLOW DEPTH BASELINE GROUNDWATER SAMPLING PERFORMED PRIOR TO REMEDIAL INJECTIONS

8/6/2024 TO 2/27/26 =SHALLOW DEPTH GROUNDWATER SAMPLING PERFORMED FOLLOWING REMEDIAL INVESTIGATION

...⁽¹⁾ = SAMPLE COLLECTED 7 DAYS FLOWING PHYSICAL AGITATION OF WELL BY AIR KNIFE NOZZLE TO REMOVE FALLEN DEBRIS FROM SIDEWALK REPAIR

Sample ID	MW-11		MW-11R												GQS				
Sampling Date	9/20/2021		1/15/2024		8/6/2024		11/7/2024		2/26/2025		5/23/2025		8/27/2025			11/17/2025		2/27/2026	
1,1-DCE	0.25	J	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	5
Cis-1,2-DCE	124	D	0.580		0.294	U	12.70		3.80		4.06		7.77		15.80		3.95		5
PCE	0.57		0.24	J	0.239	U	0.239	U	0.239	U	0.239	U	0.239	U	0.239	U	0.239	U	5
Trans-1,2-DCE	1.96		0.279	U	0.279	U	0.279	U	0.279	U	0.279	U	0.279	U	0.279	U	0.279	U	5
TCE	2.06		0.249	U	0.249	U	0.34	J	0.249	J	0.249	J	0.239		0.360	J	0.249	J	5
VC	2.77		0.469	U	0.469	U	0.469	U	0.469	U	0.469	U	0.469	U	0.469	U	0.469	U	2

FREEMAN STREET

MANHATTAN AVENUE

SIDEWALK

SITE BOUNDARY

N

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PROJECT FIGURE

FIGURE 3: MAP OF CVOCs IN GROUNDWATER PRE AND POST IRM INJECTIONS

PROJECT NO.
230051

DATE
03/18/26

DRAWN BY
A.S.

REVIEWED BY
P.M.

SCALE (11X17)
AS NOTED

APPROVED BY
P.M.

0 20 40
APPROXIMATE SCALE IN FEET

Figure 4A - Trends of Cis-1,2-DCE Concentrations in MW-9 with DTW

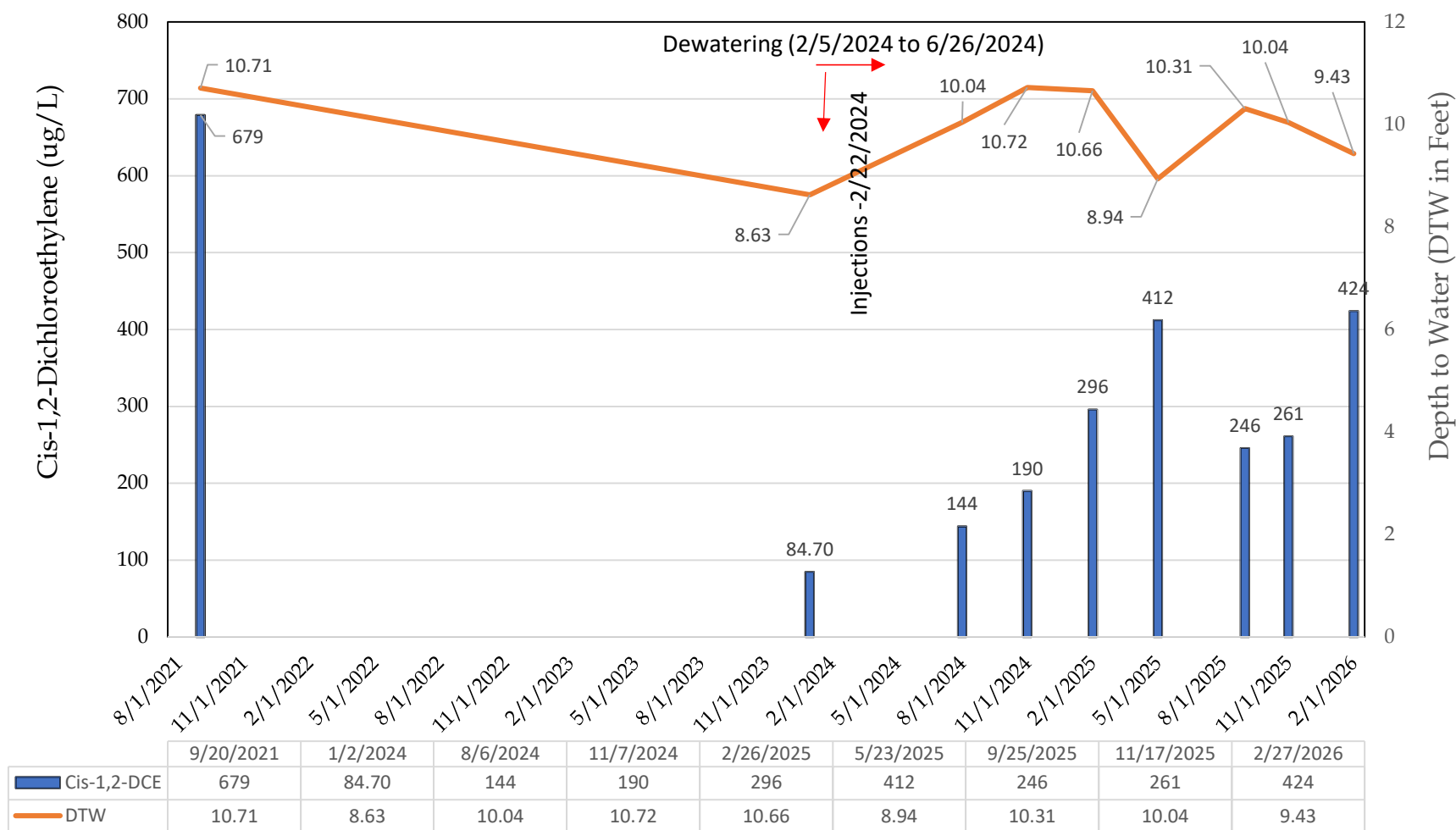
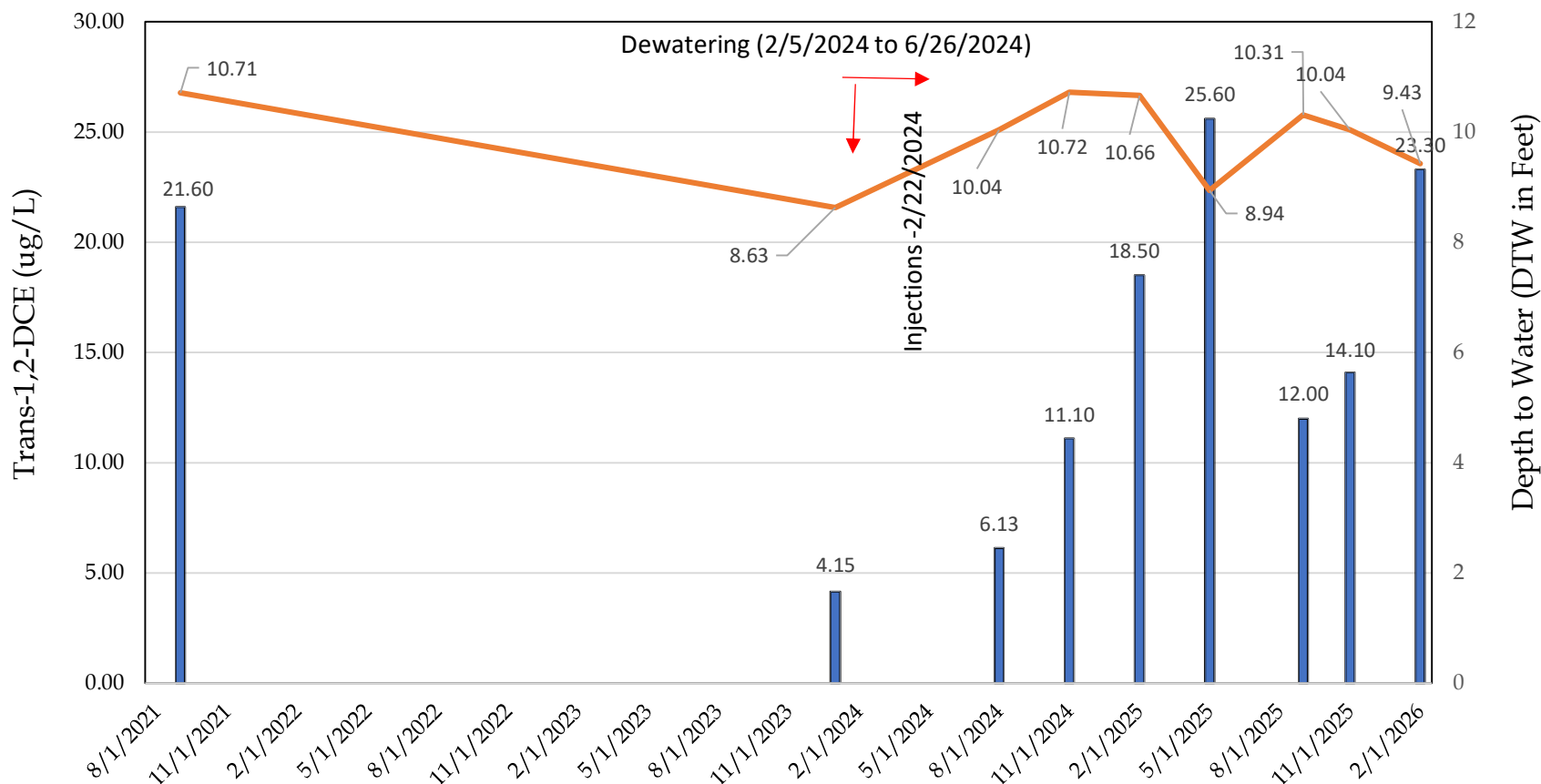


Figure 4B - Trends of Trans-1,2-DCE Concentrations in MW-9 with DTW



	9/20/2021	1/2/2024	8/6/2024	11/7/2024	2/26/2025	5/23/2025	9/25/2025	11/17/2025	2/27/2026
Trans-1,2-DCE	21.60	4.15	6.13	11.10	18.50	25.60	12.00	14.10	23.30
DTW	10.71	8.63	10.04	10.72	10.66	8.94	10.31	10.04	9.43

Figure 4C - Trends of TCE Concentration in MW-9 with DTW

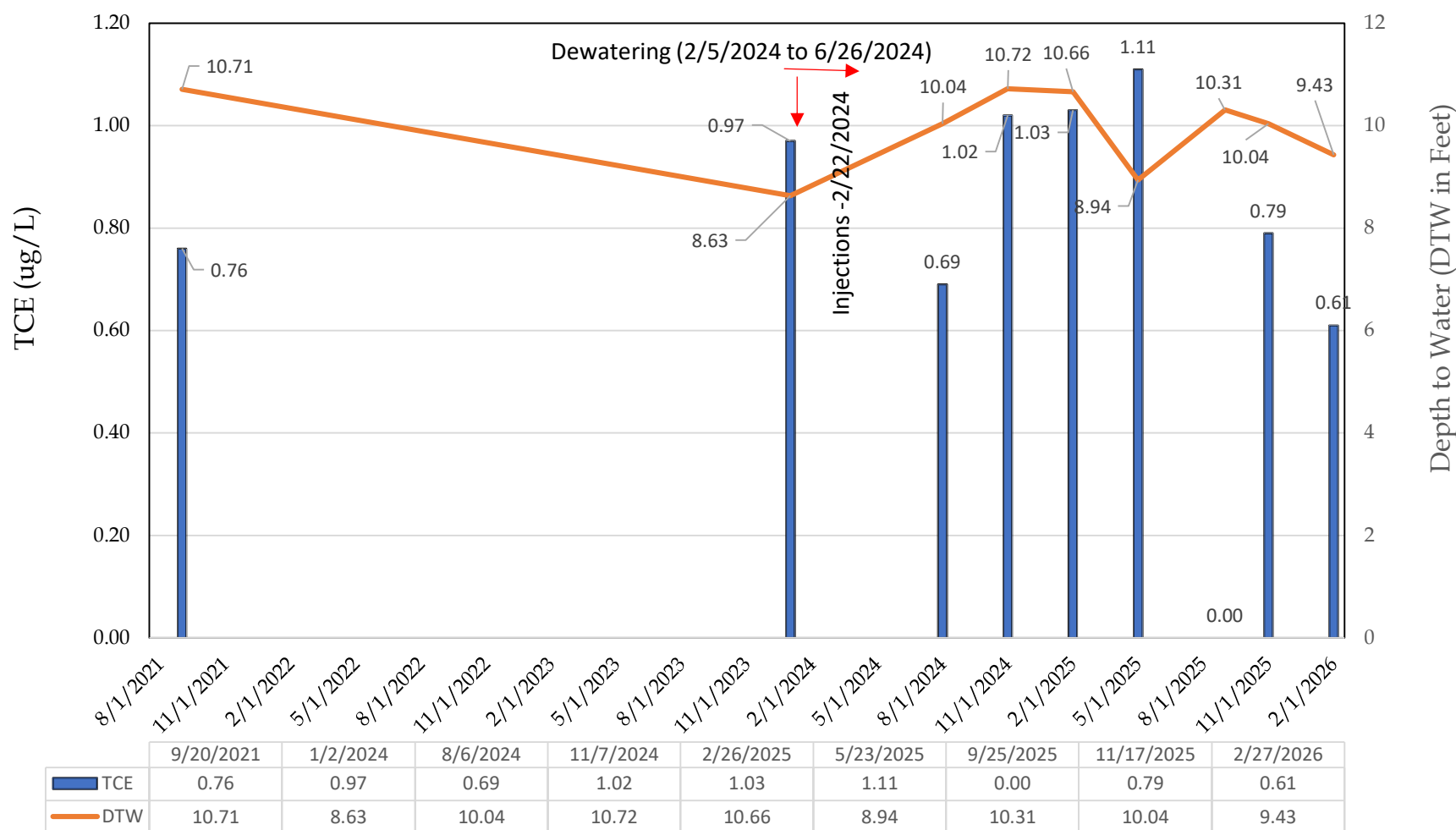


Figure 4D - Trends of PCE Concentrations in MW-9 with DTW

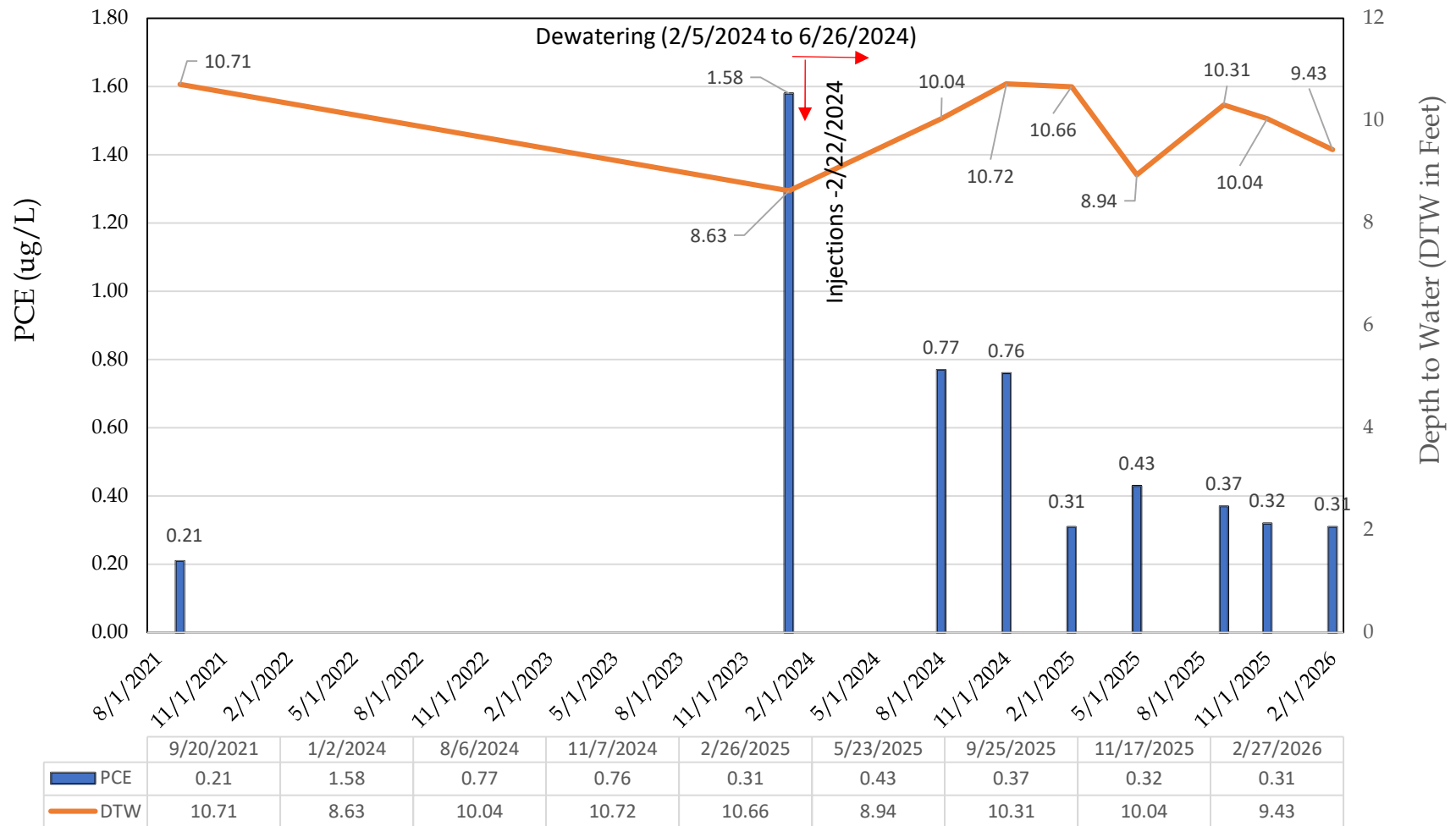


Figure 4E - Trends of VC Concentrations in MW-9 with DTW

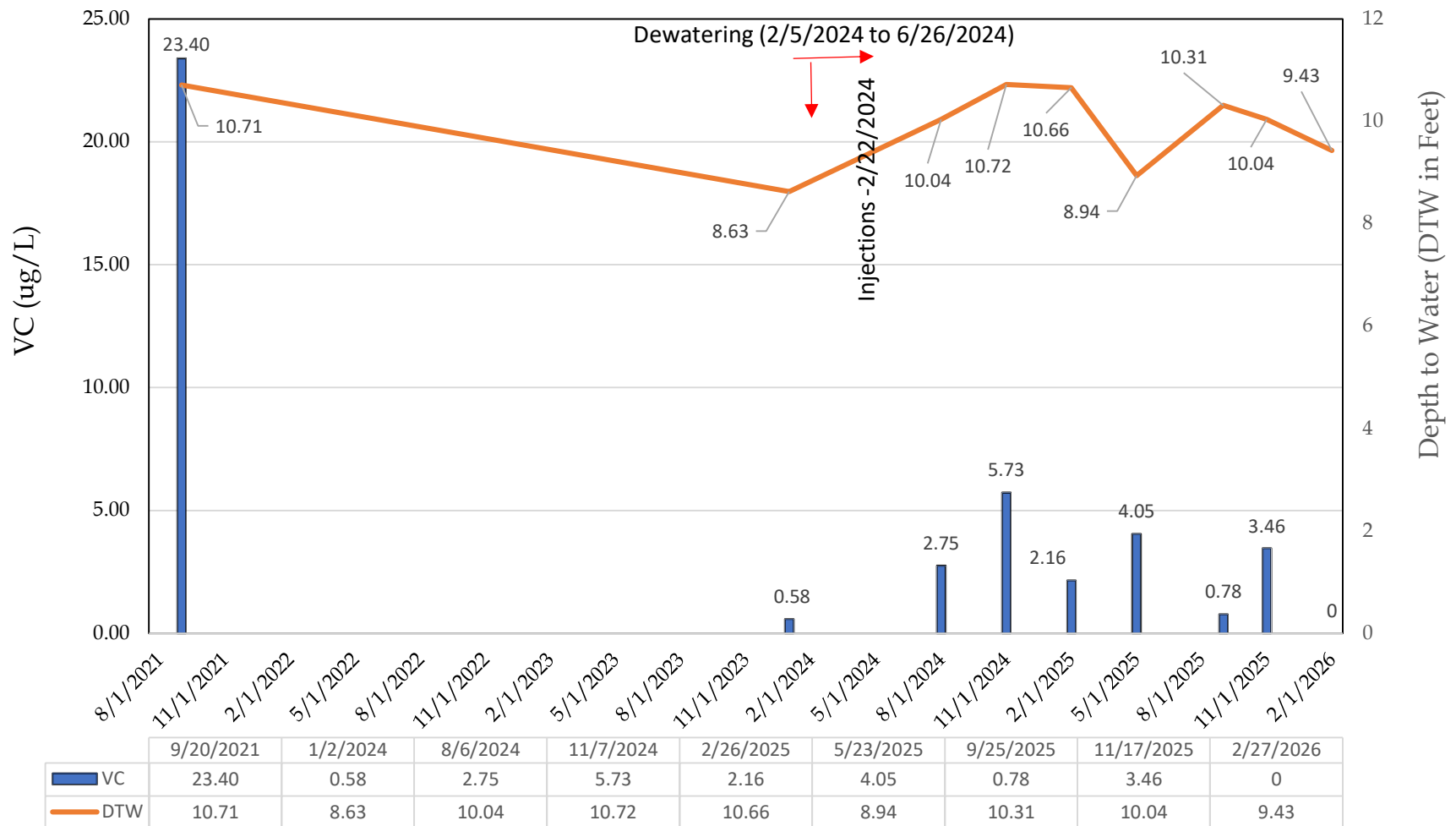
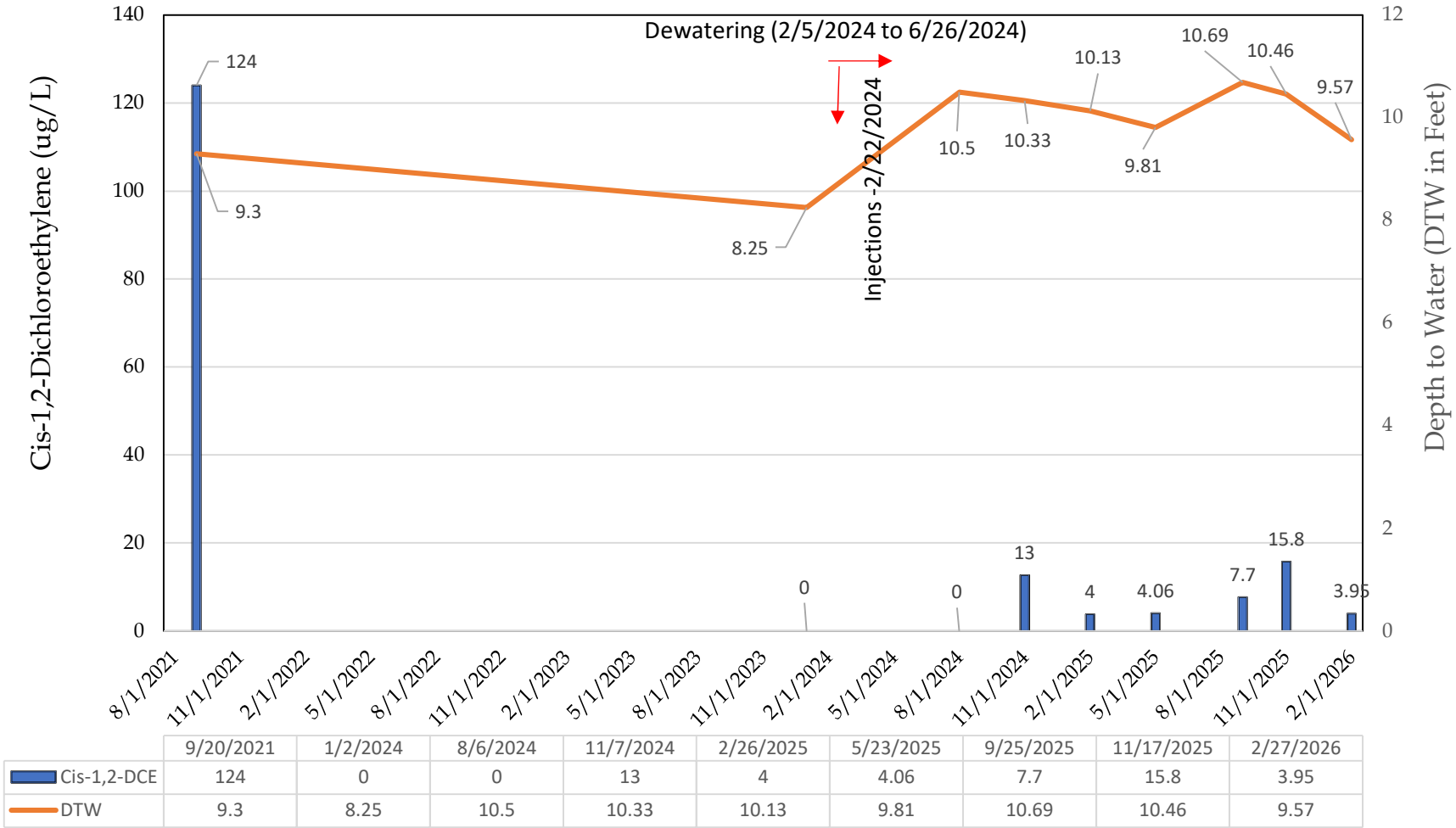


Figure 5 - Trends of Cis-1,2-DCE Concentrations in MW-11 and MW-11R with DTW



TABLES

Table 1
Groundwater Monitoring and Surveying Data Pre and Post Injections
170 Freeman Street, Brooklyn, NY

Well ID	Well Diameter	Casing Elevation ⁽¹⁾	DTW								Water Table Elevation							
			Jan-24	Aug-24	Nov-24	Feb-25	May-25	Aug-25	Nov-25	Feb-26	Jan-24	Aug-24	Nov-24	Feb-25	May-25	Aug-25	Nov-25	Feb-26
MW-9	2	13.58	8.63	10.04	10.72	10.66	8.94	10.31 ⁽²⁾	10.04	9.43	4.95	3.54	2.86	2.92	4.64	3.27 ⁽²⁾	3.54	4.15
MW-10	2	14.61	9.29	9.95	10.25	9.26	8.81	9.08	9.04	8.90	5.32	4.66	4.36	5.35	5.80	5.53	5.57	5.71
MW-11R	2	13.72	8.25	10.5	10.33	10.13	9.81	10.69	10.46	9.57	5.47	3.22	3.39	3.59	3.91	3.03	3.26	4.15
MW-13R	2	13.33	9.63	10.52	10.54	N	9.42	10.33	10.13	9.79	4.23	3.34	3.32	N	3.91	3.00	3.20	3.54
MW-14	2	14.3	10.37	10.97	11.05	10.23	10.52	11.20	11.00	10.56	3.93	3.33	3.25	4.07	3.78	3.10	3.30	3.74
MW-15	2	14.27	9.83	10.40	10.32	10.22	9.70	10.82	10.40	9.92	4.44	3.87	3.95	4.05	4.57	3.45	3.87	4.35

All values reported in feet

DTW...Depth to Water

⁽¹⁾ ...Water table elevation obtained from casing elevation from NAVD-88 by Perfect Point Land Surveying

⁽²⁾ ...Depth to water was monitored in Sept-2025 following physical agitation of well by Air Knife nozzle to remove fallen debris from sidewalk repair

NM... Not measured - Monitorig well desrtoyed

Table 3 Groundwater Samples Analytical Results Pre and Post IRM Injections 170 Freeman Street, Brooklyn,NY																																																						
Sample ID	MW-9														MW-10										MW-11										GQS																			
Sampling Date	9/20/2021	1/2/2024	8/6/2024	11/7/2024	2/26/2025	5/23/2025	9/25/2025 ⁽¹⁾	11/17/2025	2/27/2026	9/20/2021	1/2/2024	8/6/2024	11/7/2024	2/26/2025	5/23/2025	8/27/2025	11/17/2025	2/27/2026	9/20/2021	1/15/2024	8/6/2024	11/7/2024	2/26/2025	5/23/2025	8/27/2025	11/17/2025	2/27/2026																											
1,1-DCE	0.200	U	0.327	U	0.327	U	0.327	U	0.327	U	0.200	U	0.327	U	0.327	U	0.327	U	0.327	U	0.25	J	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	5																					
Cis-1,2-DCE	679	D	84.70	D	144	E	190	D	296	412	D	246	BD	261	D	424	D	1.43		0.294	U	166	D	0.294	U	0.294	U	1.24		0.294	U	0.69		0.294	U	124	D	0.58		0.294	U	12.70		3.80		4.06		7.77		15.80		3.95		5
PCE	0.21	J	1.58		0.77		0.76		0.31	0.43	J	0.37	J	0.32	J	0.31	J	0.200	U	0.239	U	0.74		0.239	U	0.239	U	0.239	U	0.239	U	0.57		0.24	J	0.239	U	0.239	U	0.239	U	0.239	U	0.239	U	5								
Trans-1,2-DCE	21.60		4.15		6.13		11.10		18.50	25.60		12		14.10		23.30		0.200	U	0.279	U	6.03		0.279	U	0.279	U	0.279	U	0.279	U	1.96		0.279	U	0.279	U	0.279	U	0.279	U	0.279	U	0.279	U	0.279	U	5						
TCE	0.76		0.97		0.69		1.02		1.03	1.11		0.370	J	0.79		0.61		0.200	U	0.249	U	0.67		0.249	U	0.249	U	0.239	U	0.249	U	2.06		0.249	U	0.249	U	0.34	J	0.249	U	0.249	U	0.239		0.36	J	0.25	U	5				
VC	23.40		0.58		2.75		5.73		2.16	4.05		0.78		3.46		0.469	U	0.200	U	0.469	U	2.68		0.469	U	0.469	U	0.469	U	0.469	U	2.77		0.469	U	0.469	U	0.469	U	0.469	U	0.469	U	0.469	U	2								

Sample ID	MW-13									MW-14										MW-15										GQS																
Sampling Date	9/20/2021	1/2/2024	8/6/2024	11/7/2024	2/26/2025	5/23/2025	8/27/2025	11/17/2025	2/27/2026	9/20/2021	1/2/2024	8/6/2024	11/7/2024	2/26/2025	5/23/2025	8/27/2025	11/17/2025	2/27/2026	9/21/2021	1/2/2024	8/6/2024	11/7/2024	2/26/2025	5/23/2025	8/27/2025	11/17/2025	2/27/2026																			
1,1-DCE	0.200	U	0.327	U	0.327	U	N		0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	0.200	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	5	
Cis-1,2-DCE	0.28	J	1.35		6.99		0.48	J	N	0.294	U	0.294	U	0.294	U	0.294	U	0.294	U	0.27	J	0.294	U	0.32	J	0.294	U	0.294	U	0.294	U	0.200	U	0.294	U	0.294	U	0.294	U	0.294	U	0.294	U	0.294	U	5
PCE	0.200	U	0.239	U	0.239	U	N		0.239	U	0.239	U	0.239	U	0.239	U	0.239	U	0.200	U	0.239	U	0.239	U	0.239	U	0.239	U	0.239	U	0.200	U	0.239	U	0.239	U	0.239	U	0.239	U	0.239	U	0.239	U	5	
Trans-1,2-DCE	0.200	U	0.279	U	0.279	U	N		0.279	U	0.279	U	0.279	U	0.279	U	0.279	U	0.200	U	0.279	U	0.279	U	0.279	U	0.279	U	0.279	U	0.200	U	0.279	U	0.279	U	0.279	U	0.279	U	0.279	U	0.279	U	5	
TCE	0.200	U	0.249	U	0.249	U	N		0.249	U	0.239	U	0.249	U	0.249	U	0.249	U	0.200	U	0.249	U	0.249	U	0.249	U	0.249	U	0.249	U	0.200	U	0.249	U	0.249	U	0.249	U	0.239	U	0.249	U	0.249	U	5	
VC	0.47	J	5.36		0.469	U	1.07		N	0.469	U	0.469	U	0.469	U	0.57		0.469	U	0.200	U	0.469	U	0.57		0.469	U	0.469	U	0.469	U	0.200	U	0.469	U	0.469	U	0.469	U	0.469	U	0.469	U	0.469	U	2

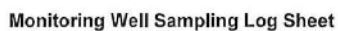
NOTES:
All Concentrations are reported in ug/L
U=analyte not detected at or above the level indicated
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
~=this indicates that no regulatory limit has been established for this analyte
Shaded concentration exceeds GQS
9/20/2021 = Shallow depth groundwater sampling performed during the remedial investigation
1/2/2024 = Shallow depth baseline groundwater sampling performed prior to remedial injections
8/6/2024 to 02/27/2026 = Shallow depth groundwater sampling performed following remedial investigation
8/6/2024=Bold dates represent sampling post groundwater remediation
⁽¹⁾...Sample collected 7 days flowing physical agitation of well by Air Knife nozzle to remove fallen debris from sidewalk repair
PCE=Tetrachloroethylene
TCE=Trichloroethylene
1,1-DCE=1,1-Dichloroethylene
Cis-1,2-DCE=cis-1,2-Dichloroethylene
Trans-1,2-DCE=Trans-1,2-Dichloroethylene
VC=Vinyl Chloride
NA= Not sampled due to limited access
GQS=NYSDEC TOGS Standards and Guidance Values - GA
N=Not sampled - Monitorinbg well destroyed

APPENDICES

APPENDIX 1
GROUNDWATER MONITORING/SAMPLING/PURGE LOGS

- ### Monitoring Well Sampling Log Sheet

- ## Monitoring Well Sampling Log Sheet



Low Flow Sampling required? Yes: ☒ No: ☐ pumping rate less than 0.2 L /minute

Notes

- * Dissolved Oxygen (10% for values exceeding 5 mg/L or considered stabilized if less than 5 mg/L),
- ** Turbidity (10% for values exceeding 5 NTU or considered stabilized if less than 5 NTU).



Low Flow Sampling required? Yes: ☒ No: ☐ pumping rate less than 0.2 L /minute

Notes

- * Dissolved Oxygen (10% for values exceeding 5 mg/L or considered stabilized if less than 5 mg/L),
** Turbidity (10% for values exceeding 5 NTU or considered stabilized if less than 5 NTU).

- ### Monitoring Well Sampling Log Sheet



Low Flow Sampling required? Yes: ☒ No: ☐ pumping rate less than 0.2 L /minute

Notes

- * Dissolved Oxygen (10% for values exceeding 5 mg/L or considered stabilized if less than 5 mg/L).
- ** Turbidity (10% for values exceeding 5 NTU or considered stabilized if less than 5 NTU).

APPENDIX 2
LABORATORY REPORT



Technical Report

prepared for:

Hydro Tech Environmental
231 West 29th Street, Suite 1104
New York NY, 10001
Attention: Paul Matli

Report Date: 03/06/2026
Client Project ID: 230051-170 Freeman Rd Brooklyn NY
Project (SDG) No.: 26B1152

Report Date: 03/06/2026
Client Project ID: 230051-170 Freeman Rd Brooklyn NY
Project (SDG) No.: 26B1152

Hydro Tech Environmental
231 West 29th Street, Suite 1104
New York NY, 10001
Attention: Paul Matli

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on February 27, 2026 and listed below. The project was identified as your project: **230051-170 Freeman Rd Brooklyn NY**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
26B1152-01	MW-9 (2026 27 02)	Ground Water	02/27/2026	02/27/2026
26B1152-02	MW-10 (2026 27 02)	Ground Water	02/27/2026	02/27/2026
26B1152-03	MW-11R MS/MSD (2026 27 02)	Ground Water	02/27/2026	02/27/2026
26B1152-04	MW-13R (2026 27 02)	Ground Water	02/27/2026	02/27/2026
26B1152-05	MW-14 (2026 27 02)	Ground Water	02/27/2026	02/27/2026
26B1152-06	MW-15 (2026 27 02)	Ground Water	02/27/2026	02/27/2026
26B1152-07	FB (2026 27 02)	Ground Water	02/27/2026	02/27/2026
26B1152-08	TB (2026 27 02)	Ground Water	02/27/2026	02/27/2026

General Notes for Project (SDG) No.: 26B1152

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. ALS' liability for the above data is limited to the dollar value paid to ALS for the referenced project.
4. This report shall not be reproduced without the written approval of ALS, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by ALS.
8. Analyses conducted at ALS, Inc. Stratford, CT are indicated by NYDOH-NY10854, NJDEP-CT005, PADEP-68-04440, CTDPH-PH0840; those conducted at ALS, Inc., Richmond Hill, NY are indicated by NYDOH-NY12058, NJDEP-NY037, CTDPH-PH0837, NHDES-NH2097, MDDEP-375, PADEP-68-06231.

Approved By:



Cassie Mosher

Laboratory Manager Stratford

Date: 03/06/2026



Positive Hits Included in This Report

Parameter	Result	Flag	MDL	RL	Units	Specific Method	Analyzed
26B1152-01 - MW-9 (2026 27 02)							
Acetone	1.61	J	1.34	2.00	ug/L	EPA 8260D	02/28/26 12:25
cis-1,2-Dichloroethylene	424	J	14.7	25.0	ug/L	EPA 8260D	03/05/26 14:21
Tetrachloroethylene	0.310		0.239	0.500	ug/L	EPA 8260D	02/28/26 12:25
trans-1,2-Dichloroethylene	23.3		0.279	0.500	ug/L	EPA 8260D	02/28/26 12:25
Trichloroethylene	0.610		0.249	0.500	ug/L	EPA 8260D	02/28/26 12:25
26B1152-02 - MW-10 (2026 27 02)							
Bromodichloromethane	1.80		0.245	0.500	ug/L	EPA 8260D	02/28/26 12:55
Chloroform	16.6		0.243	0.500	ug/L	EPA 8260D	02/28/26 12:55
26B1152-03 - MW-11R MS/MSD (2026 27 02)							
2-Hexanone	0.910	CCVE, ICVE, QL-02 CAL-E, CCVE, QL-02	0.320	0.500	ug/L	EPA 8260D	02/28/26 13:24
Acetone	258		67.0	100	ug/L	EPA 8260D	03/05/26 14:50
cis-1,2-Dichloroethylene	3.95		0.294	0.500	ug/L	EPA 8260D	02/28/26 13:24
26B1152-04 - MW-13R (2026 27 02)							
Acetone	3.40	CCVE, ICVE, QL-02	1.34	2.00	ug/L	EPA 8260D	02/28/26 13:54
26B1152-06 - MW-15 (2026 27 02)							
Acetone	3.05	CCVE, ICVE, QL-02	1.34	2.00	ug/L	EPA 8260D	02/28/26 14:54
26B1152-07 - FB (2026 27 02)							
Acetone	1.62	J	1.34	2.00	ug/L	EPA 8260D	02/28/26 15:24
Bromodichloromethane	0.660		0.245	0.500	ug/L	EPA 8260D	02/28/26 15:24
Carbon disulfide	0.620		0.362	0.500	ug/L	EPA 8260D	02/28/26 15:24
Chloroform	28.4		0.243	0.500	ug/L	EPA 8260D	02/28/26 15:24
26B1152-08 - TB (2026 27 02)							
Acetone	3.06	ICVE, QL-02, CCVE	1.34	2.00	ug/L	EPA 8260D	02/28/26 11:55



Client:	Hydro Tech Environmental	Sample ID:	26B1152-01
Client Project:	230051-170 Freeman Rd Brooklyn NY	Date Received:	02/27/2026
Client Sample ID:	MW-9 (2026 27 02)	Collection Date/Time:	2/27/26 11:00

Lab ID:	26B1152-01	Laboratory:	ALS Environmental - Stratford
Analysis:	Volatile Organic Compounds by GC/MS	Matrix:	Ground Water
Prep Method:	Sample Prepared by Method: EPA 5030B		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
1,1,1,2-Tetrachloroethane	ND		0.216	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
1,1,1-Trichloroethane	ND		0.266	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
1,1,2,2-Tetrachloroethane	ND		0.256	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon)	ND		0.286	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
1,1,2-Trichloroethane	ND		0.249	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
1,1-Dichloroethane	ND		0.272	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
1,1-Dichloroethylene	ND		0.327	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
1,2,3-Trichlorobenzene	ND		0.222	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
1,2,3-Trichloropropane	ND		0.273	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
1,2,4-Trichlorobenzene	ND		0.138	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
1,2,4-Trimethylbenzene	ND		0.310	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
1,2-Dibromo-3-chloropropane	ND		0.432	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
1,2-Dibromoethane	ND		0.215	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
1,2-Dichlorobenzene	ND		0.270	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
1,2-Dichloroethane	ND		0.377	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
1,2-Dichloropropane	ND		0.327	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
1,3,5-Trimethylbenzene	ND		0.347	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
1,3-Dichlorobenzene	ND		0.283	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
1,4-Dichlorobenzene	ND		0.311	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
2-Butanone	ND		0.421	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
2-Hexanone	ND		0.320	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
4-Methyl-2-pentanone	ND		0.365	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
Acetone	1.61	J	1.34	2.00	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
Acrolein	ND	ICVE	0.447	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
Acrylonitrile	ND		0.422	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
Benzene	ND		0.279	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
Bromochloromethane	ND		0.354	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
Bromodichloromethane	ND		0.245	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
Bromoform	ND		0.163	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
Bromomethane	ND	CCVE	0.500	2.00	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
Carbon disulfide	ND		0.362	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
Carbon tetrachloride	ND		0.204	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
Chlorobenzene	ND		0.284	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
Chloroethane	ND		0.448	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
Chloroform	ND		0.243	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
Chloromethane	ND	CCVE	0.372	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
cis-1,2-Dichloroethylene	424		14.7	25.0	50	ug/L	EPA 8260D	2/28/26 7:00	3/ 5/26 14:21	THD
cis-1,3-Dichloropropylene	ND		0.262	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
Cyclohexane	ND		0.491	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
Dibromochloromethane	ND		0.146	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
Dibromomethane	ND		0.203	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
Dichlorodifluoromethane	ND	CCVE, ICVE, QL-02	0.451	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
Ethyl Benzene	ND		0.290	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD



Client:	Hydro Tech Environmental	Sample ID:	26B1152-01
Client Project:	230051-170 Freeman Rd Brooklyn NY	Date Received:	02/27/2026
Client Sample ID:	MW-9 (2026 27 02)	Collection Date/Time:	2/27/26 11:00

Lab ID:	26B1152-01	Laboratory:	ALS Environmental - Stratford
Analysis:	Volatile Organic Compounds by GC/MS	Matrix:	Ground Water
Prep Method:	Sample Prepared by Method: EPA 5030B		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
Hexachlorobutadiene	ND	ICVE	0.241	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
Isopropylbenzene	ND		0.405	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
Methyl acetate	ND		0.442	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
Methyl tert-butyl ether (MTBE)	ND		0.244	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
Methylcyclohexane	ND	CCVE	0.477	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
Methylene chloride	ND		0.397	2.00	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
n-Butylbenzene	ND		0.399	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
n-Propylbenzene	ND		0.384	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
o-Xylene	ND	CCVE	0.261	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
p- & m- Xylenes	ND		0.578	1.00	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
p-Isopropyltoluene	ND		0.377	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
sec-Butylbenzene	ND		0.444	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
Styrene	ND	J	0.255	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
tert-Butyl alcohol (TBA)	ND		0.608	1.00	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
tert-Butylbenzene	ND		0.367	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
Tetrachloroethylene	0.310		0.239	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
Toluene	ND	CCVE	0.346	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
trans-1,2-Dichloroethylene	23.3		0.279	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
trans-1,3-Dichloropropylene	ND		0.229	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
trans-1,4-dichloro-2-butene	ND		0.283	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
Trichloroethylene	0.610	CCVE	0.249	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
Trichlorofluoromethane	ND		0.337	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
Vinyl Chloride	ND		0.469	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
Xylenes, Total	ND		0.839	1.50	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	99.6 %		69-130	EPA 8260D	3/ 5/26 14:21
Surrogate: SURR: 1,2-Dichloroethane-d4	114 %		69-130	EPA 8260D	2/28/26 12:25
Surrogate: SURR: Toluene-d8	107 %		81-117	EPA 8260D	2/28/26 12:25
Surrogate: SURR: Toluene-d8	102 %		81-117	EPA 8260D	3/ 5/26 14:21
Surrogate: SURR: p-Bromofluorobenzene	108 %		79-122	EPA 8260D	2/28/26 12:25
Surrogate: SURR: p-Bromofluorobenzene	110 %		79-122	EPA 8260D	3/ 5/26 14:21

Client:	Hydro Tech Environmental	Sample ID:	26B1152-02
Client Project:	230051-170 Freeman Rd Brooklyn NY	Date Received:	02/27/2026
Client Sample ID:	MW-10 (2026 27 02)	Collection Date/Time:	2/27/26 11:25

Lab ID:	26B1152-02	Laboratory:	ALS Environmental - Stratford
Analysis:	Volatile Organic Compounds by GC/MS	Matrix:	Ground Water
Prep Method:	Sample Prepared by Method: EPA 5030B		



Client: Hydro Tech Environmental

Sample ID: 26B1152-02

Client Project: 230051-170 Freeman Rd Brooklyn NY

Date Received: 02/27/2026

Client Sample ID: MW-10 (2026 27 02)

Collection Date/Time: 2/27/26 11:25

Lab ID: 26B1152-02

Laboratory: ALS Environmental - Stratford

Analysis: Volatile Organic Compounds by GC/MS

Matrix: Ground Water

Prep Method: Sample Prepared by Method: EPA 5030B

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
1,1,1,2-Tetrachloroethane	ND		0.216	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
1,1,1-Trichloroethane	ND		0.266	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
1,1,2,2-Tetrachloroethane	ND		0.256	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon)	ND		0.286	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
1,1,2-Trichloroethane	ND		0.249	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
1,1-Dichloroethane	ND		0.272	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
1,1-Dichloroethylene	ND		0.327	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
1,2,3-Trichlorobenzene	ND		0.222	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
1,2,3-Trichloropropane	ND		0.273	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
1,2,4-Trichlorobenzene	ND		0.138	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
1,2,4-Trimethylbenzene	ND		0.310	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
1,2-Dibromo-3-chloropropane	ND		0.432	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
1,2-Dibromoethane	ND		0.215	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
1,2-Dichlorobenzene	ND		0.270	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
1,2-Dichloroethane	ND		0.377	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
1,2-Dichloropropane	ND		0.327	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
1,3,5-Trimethylbenzene	ND		0.347	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
1,3-Dichlorobenzene	ND		0.283	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
1,4-Dichlorobenzene	ND		0.311	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
2-Butanone	ND		0.421	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
2-Hexanone	ND		0.320	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
4-Methyl-2-pentanone	ND		0.365	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
Acetone	ND		1.34	2.00	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
Acrolein	ND	ICVE	0.447	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
Acrylonitrile	ND		0.422	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
Benzene	ND		0.279	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
Bromochloromethane	ND		0.354	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
Bromodichloromethane	1.80		0.245	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
Bromoform	ND		0.163	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
Bromomethane	ND	CCVE	0.500	2.00	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
Carbon disulfide	ND		0.362	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
Carbon tetrachloride	ND		0.204	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
Chlorobenzene	ND		0.284	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
Chloroethane	ND		0.448	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
Chloroform	16.6		0.243	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
Chloromethane	ND	CCVE	0.372	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
cis-1,2-Dichloroethylene	ND		0.294	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
cis-1,3-Dichloropropylene	ND		0.262	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
Cyclohexane	ND		0.491	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
Dibromochloromethane	ND		0.146	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
Dibromomethane	ND		0.203	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
Dichlorodifluoromethane	ND	CCVE, ICVE, QL-02	0.451	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
Ethyl Benzene	ND		0.290	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
Hexachlorobutadiene	ND		0.241	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD



Client:	Hydro Tech Environmental	Sample ID:	26B1152-02
Client Project:	230051-170 Freeman Rd Brooklyn NY	Date Received:	02/27/2026
Client Sample ID:	MW-10 (2026 27 02)	Collection Date/Time:	2/27/26 11:25

Lab ID:	26B1152-02	Laboratory:	ALS Environmental - Stratford
Analysis:	Volatile Organic Compounds by GC/MS	Matrix:	Ground Water
Prep Method:	Sample Prepared by Method: EPA 5030B		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
Isopropylbenzene	ND		0.405	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
Methyl acetate	ND		0.442	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
Methyl tert-butyl ether (MTBE)	ND	ICVE	0.244	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
Methylcyclohexane	ND		0.477	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
Methylene chloride	ND	CCVE	0.397	2.00	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
n-Butylbenzene	ND		0.399	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
n-Propylbenzene	ND		0.384	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
o-Xylene	ND		0.261	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
p- & m- Xylenes	ND		0.578	1.00	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
p-Isopropyltoluene	ND		0.377	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
sec-Butylbenzene	ND		0.444	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
Styrene	ND		0.255	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
tert-Butyl alcohol (TBA)	ND	CCVE	0.608	1.00	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
tert-Butylbenzene	ND		0.367	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
Tetrachloroethylene	ND		0.239	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
Toluene	ND		0.346	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
trans-1,2-Dichloroethylene	ND		0.279	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
trans-1,3-Dichloropropylene	ND		0.229	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
trans-1,4-dichloro-2-butene	ND		0.283	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
Trichloroethylene	ND		0.249	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
Trichlorofluoromethane	ND		0.337	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
Vinyl Chloride	ND	CCVE	0.469	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
Xylenes, Total	ND		0.839	1.50	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	114 %		69-130	EPA 8260D	2/28/26 12:55
Surrogate: SURR: Toluene-d8	111 %		81-117	EPA 8260D	2/28/26 12:55
Surrogate: SURR: p-Bromofluorobenzene	106 %		79-122	EPA 8260D	2/28/26 12:55

Client:	Hydro Tech Environmental	Sample ID:	26B1152-03
Client Project:	230051-170 Freeman Rd Brooklyn NY	Date Received:	02/27/2026
Client Sample ID:	MW-11R MS/MSD (2026 27 02)	Collection Date/Time:	2/27/26 10:15

Lab ID:	26B1152-03	Laboratory:	ALS Environmental - Stratford
Analysis:	Volatile Organic Compounds by GC/MS	Matrix:	Ground Water
Prep Method:	Sample Prepared by Method: EPA 5030B		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
1,1,1,2-Tetrachloroethane	ND		0.216	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
1,1,1-Trichloroethane	ND		0.266	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
1,1,2,2-Tetrachloroethane	ND		0.256	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD



Client: Hydro Tech Environmental

Sample ID: 26B1152-03

Client Project: 230051-170 Freeman Rd Brooklyn NY

Date Received: 02/27/2026

Client Sample ID: MW-11R MS/MSD (2026 27 02)

Collection Date/Time: 2/27/26 10:15

Lab ID: 26B1152-03

Laboratory: ALS Environmental - Stratford

Analysis: Volatile Organic Compounds by GC/MS

Matrix: Ground Water

Prep Method: Sample Prepared by Method: EPA 5030B

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon)	ND		0.286	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
1,1,2-Trichloroethane	ND		0.249	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
1,1-Dichloroethane	ND		0.272	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
1,1-Dichloroethylene	ND		0.327	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
1,2,3-Trichlorobenzene	ND		0.222	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
1,2,3-Trichloropropane	ND		0.273	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
1,2,4-Trichlorobenzene	ND		0.138	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
1,2,4-Trimethylbenzene	ND		0.310	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
1,2-Dibromo-3-chloropropane	ND		0.432	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
1,2-Dibromoethane	ND		0.215	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
1,2-Dichlorobenzene	ND		0.270	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
1,2-Dichloroethane	ND		0.377	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
1,2-Dichloropropane	ND		0.327	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
1,3,5-Trimethylbenzene	ND		0.347	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
1,3-Dichlorobenzene	ND		0.283	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
1,4-Dichlorobenzene	ND		0.311	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
2-Butanone	ND		0.421	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
2-Hexanone	0.910	CCVE, ICVE, QL-02	0.320	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
4-Methyl-2-pentanone	ND		0.365	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
Acetone	258	CAL-E, CCVE, QL-02	67.0	100	50	ug/L	EPA 8260D	2/28/26 7:00	3/ 5/26 14:50	THD
Acrolein	ND	ICVE	0.447	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
Acrylonitrile	ND		0.422	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
Benzene	ND		0.279	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
Bromochloromethane	ND		0.354	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
Bromodichloromethane	ND		0.245	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
Bromoform	ND		0.163	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
Bromomethane	ND	CCVE	0.500	2.00	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
Carbon disulfide	ND		0.362	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
Carbon tetrachloride	ND		0.204	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
Chlorobenzene	ND		0.284	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
Chloroethane	ND		0.448	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
Chloroform	ND		0.243	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
Chloromethane	ND	CCVE	0.372	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
cis-1,2-Dichloroethylene	3.95		0.294	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
cis-1,3-Dichloropropylene	ND		0.262	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
Cyclohexane	ND		0.491	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
Dibromochloromethane	ND		0.146	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
Dibromomethane	ND		0.203	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
Dichlorodifluoromethane	ND	CCVE, ICVE, QL-02	0.451	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
Ethyl Benzene	ND		0.290	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD



Client:	Hydro Tech Environmental	Sample ID:	26B1152-03
Client Project:	230051-170 Freeman Rd Brooklyn NY	Date Received:	02/27/2026
Client Sample ID:	MW-11R MS/MSD (2026 27 02)	Collection Date/Time:	2/27/26 10:15

Lab ID:	26B1152-03	Laboratory:	ALS Environmental - Stratford
Analysis:	Volatile Organic Compounds by GC/MS	Matrix:	Ground Water
Prep Method:	Sample Prepared by Method: EPA 5030B		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
Hexachlorobutadiene	ND	ICVE	0.241	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
Isopropylbenzene	ND		0.405	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
Methyl acetate	ND		0.442	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
Methyl tert-butyl ether (MTBE)	ND		0.244	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
Methylcyclohexane	ND	CCVE	0.477	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
Methylene chloride	ND		0.397	2.00	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
n-Butylbenzene	ND		0.399	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
n-Propylbenzene	ND		0.384	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
o-Xylene	ND	CCVE	0.261	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
p- & m- Xylenes	ND		0.578	1.00	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
p-Isopropyltoluene	ND		0.377	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
sec-Butylbenzene	ND		0.444	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
Styrene	ND	CCVE	0.255	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
tert-Butyl alcohol (TBA)	ND		0.608	1.00	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
tert-Butylbenzene	ND		0.367	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
Tetrachloroethylene	ND		0.239	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
Toluene	ND	CCVE	0.346	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
trans-1,2-Dichloroethylene	ND		0.279	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
trans-1,3-Dichloropropylene	ND		0.229	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
trans-1,4-dichloro-2-butene	ND		0.283	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
Trichloroethylene	ND	CCVE	0.249	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
Trichlorofluoromethane	ND		0.337	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
Vinyl Chloride	ND		0.469	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
Xylenes, Total	ND		0.839	1.50	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	100 %		69-130	EPA 8260D	3/ 5/26 14:50
Surrogate: SURR: 1,2-Dichloroethane-d4	116 %		69-130	EPA 8260D	2/28/26 13:24
Surrogate: SURR: Toluene-d8	103 %		81-117	EPA 8260D	3/ 5/26 14:50
Surrogate: SURR: Toluene-d8	106 %		81-117	EPA 8260D	2/28/26 13:24
Surrogate: SURR: p-Bromofluorobenzene	112 %		79-122	EPA 8260D	3/ 5/26 14:50
Surrogate: SURR: p-Bromofluorobenzene	106 %		79-122	EPA 8260D	2/28/26 13:24

Client:	Hydro Tech Environmental	Sample ID:	26B1152-04
Client Project:	230051-170 Freeman Rd Brooklyn NY	Date Received:	02/27/2026
Client Sample ID:	MW-13R (2026 27 02)	Collection Date/Time:	2/27/26 13:00

Lab ID:	26B1152-04	Laboratory:	ALS Environmental - Stratford
Analysis:	Volatile Organic Compounds by GC/MS	Matrix:	Ground Water
Prep Method:	Sample Prepared by Method: EPA 5030B		



Client: Hydro Tech Environmental

Sample ID: 26B1152-04

Client Project: 230051-170 Freeman Rd Brooklyn NY

Date Received: 02/27/2026

Client Sample ID: MW-13R (2026 27 02)

Collection Date/Time: 2/27/26 13:00

Lab ID: 26B1152-04

Laboratory: ALS Environmental - Stratford

Analysis: Volatile Organic Compounds by GC/MS

Matrix: Ground Water

Prep Method: Sample Prepared by Method: EPA 5030B

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
1,1,1,2-Tetrachloroethane	ND		0.216	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
1,1,1-Trichloroethane	ND		0.266	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
1,1,2,2-Tetrachloroethane	ND		0.256	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon)	ND		0.286	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
1,1,2-Trichloroethane	ND		0.249	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
1,1-Dichloroethane	ND		0.272	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
1,1-Dichloroethylene	ND		0.327	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
1,2,3-Trichlorobenzene	ND		0.222	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
1,2,3-Trichloropropane	ND		0.273	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
1,2,4-Trichlorobenzene	ND		0.138	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
1,2,4-Trimethylbenzene	ND		0.310	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
1,2-Dibromo-3-chloropropane	ND		0.432	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
1,2-Dibromoethane	ND		0.215	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
1,2-Dichlorobenzene	ND		0.270	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
1,2-Dichloroethane	ND		0.377	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
1,2-Dichloropropane	ND		0.327	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
1,3,5-Trimethylbenzene	ND		0.347	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
1,3-Dichlorobenzene	ND		0.283	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
1,4-Dichlorobenzene	ND		0.311	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
2-Butanone	ND		0.421	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
2-Hexanone	ND		0.320	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
4-Methyl-2-pentanone	ND		0.365	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
Acetone	3.40	CCVE, ICVE, QL-02	1.34	2.00	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
Acrolein	ND	ICVE	0.447	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
Acrylonitrile	ND		0.422	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
Benzene	ND		0.279	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
Bromochloromethane	ND		0.354	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
Bromodichloromethane	ND		0.245	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
Bromoform	ND		0.163	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
Bromomethane	ND	CCVE	0.500	2.00	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
Carbon disulfide	ND		0.362	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
Carbon tetrachloride	ND		0.204	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
Chlorobenzene	ND		0.284	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
Chloroethane	ND		0.448	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
Chloroform	ND		0.243	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
Chloromethane	ND	CCVE	0.372	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
cis-1,2-Dichloroethylene	ND		0.294	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
cis-1,3-Dichloropropylene	ND		0.262	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
Cyclohexane	ND		0.491	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
Dibromochloromethane	ND		0.146	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
Dibromomethane	ND		0.203	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
Dichlorodifluoromethane	ND	CCVE, ICVE, QL-02	0.451	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD



Client:	Hydro Tech Environmental	Sample ID:	26B1152-04
Client Project:	230051-170 Freeman Rd Brooklyn NY	Date Received:	02/27/2026
Client Sample ID:	MW-13R (2026 27 02)	Collection Date/Time:	2/27/26 13:00

Lab ID:	26B1152-04	Laboratory:	ALS Environmental - Stratford
Analysis:	Volatile Organic Compounds by GC/MS	Matrix:	Ground Water
Prep Method:	Sample Prepared by Method: EPA 5030B		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
Ethyl Benzene	ND		0.290	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
Hexachlorobutadiene	ND		0.241	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
Isopropylbenzene	ND		0.405	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
Methyl acetate	ND		0.442	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
Methyl tert-butyl ether (MTBE)	ND	ICVE	0.244	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
Methylcyclohexane	ND		0.477	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
Methylene chloride	ND	CCVE	0.397	2.00	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
n-Butylbenzene	ND		0.399	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
n-Propylbenzene	ND		0.384	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
o-Xylene	ND		0.261	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
p- & m- Xylenes	ND		0.578	1.00	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
p-Isopropyltoluene	ND		0.377	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
sec-Butylbenzene	ND		0.444	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
Styrene	ND		0.255	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
tert-Butyl alcohol (TBA)	ND	CCVE	0.608	1.00	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
tert-Butylbenzene	ND		0.367	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
Tetrachloroethylene	ND		0.239	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
Toluene	ND		0.346	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
trans-1,2-Dichloroethylene	ND		0.279	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
trans-1,3-Dichloropropylene	ND		0.229	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
trans-1,4-dichloro-2-butene	ND		0.283	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
Trichloroethylene	ND		0.249	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
Trichlorofluoromethane	ND		0.337	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
Vinyl Chloride	ND	CCVE	0.469	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
Xylenes, Total	ND		0.839	1.50	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	114 %		69-130	EPA 8260D	2/28/26 13:54
Surrogate: SURR: Toluene-d8	109 %		81-117	EPA 8260D	2/28/26 13:54
Surrogate: SURR: p-Bromofluorobenzene	106 %		79-122	EPA 8260D	2/28/26 13:54

Client:	Hydro Tech Environmental	Sample ID:	26B1152-05
Client Project:	230051-170 Freeman Rd Brooklyn NY	Date Received:	02/27/2026
Client Sample ID:	MW-14 (2026 27 02)	Collection Date/Time:	2/27/26 12:25

Lab ID:	26B1152-05	Laboratory:	ALS Environmental - Stratford
Analysis:	Volatile Organic Compounds by GC/MS	Matrix:	Ground Water
Prep Method:	Sample Prepared by Method: EPA 5030B		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
1,1,1,2-Tetrachloroethane	ND		0.216	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD



Client: Hydro Tech Environmental

Sample ID: 26B1152-05

Client Project: 230051-170 Freeman Rd Brooklyn NY

Date Received: 02/27/2026

Client Sample ID: MW-14 (2026 27 02)

Collection Date/Time: 2/27/26 12:25

Lab ID: 26B1152-05

Laboratory: ALS Environmental - Stratford

Analysis: Volatile Organic Compounds by GC/MS

Matrix: Ground Water

Prep Method: Sample Prepared by Method: EPA 5030B

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
1,1,1-Trichloroethane	ND		0.266	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
1,1,2,2-Tetrachloroethane	ND		0.256	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon)	ND		0.286	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
1,1,2-Trichloroethane	ND		0.249	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
1,1-Dichloroethane	ND		0.272	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
1,1-Dichloroethylene	ND		0.327	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
1,2,3-Trichlorobenzene	ND		0.222	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
1,2,3-Trichloropropane	ND		0.273	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
1,2,4-Trichlorobenzene	ND		0.138	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
1,2,4-Trimethylbenzene	ND		0.310	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
1,2-Dibromo-3-chloropropane	ND		0.432	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
1,2-Dibromoethane	ND		0.215	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
1,2-Dichlorobenzene	ND		0.270	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
1,2-Dichloroethane	ND		0.377	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
1,2-Dichloropropane	ND		0.327	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
1,3,5-Trimethylbenzene	ND		0.347	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
1,3-Dichlorobenzene	ND		0.283	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
1,4-Dichlorobenzene	ND		0.311	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
2-Butanone	ND		0.421	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
2-Hexanone	ND		0.320	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
4-Methyl-2-pentanone	ND		0.365	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
Acetone	ND		1.34	2.00	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
Acrolein	ND	ICVE	0.447	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
Acrylonitrile	ND		0.422	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
Benzene	ND		0.279	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
Bromochloromethane	ND		0.354	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
Bromodichloromethane	ND		0.245	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
Bromoform	ND		0.163	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
Bromomethane	ND	CCVE	0.500	2.00	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
Carbon disulfide	ND		0.362	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
Carbon tetrachloride	ND		0.204	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
Chlorobenzene	ND		0.284	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
Chloroethane	ND		0.448	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
Chloroform	ND		0.243	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
Chloromethane	ND	CCVE	0.372	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
cis-1,2-Dichloroethylene	ND		0.294	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
cis-1,3-Dichloropropylene	ND		0.262	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
Cyclohexane	ND		0.491	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
Dibromochloromethane	ND		0.146	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
Dibromomethane	ND		0.203	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
Dichlorodifluoromethane	ND	CCVE, ICVE, QL-02	0.451	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
Ethyl Benzene	ND		0.290	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
Hexachlorobutadiene	ND		0.241	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
Isopropylbenzene	ND		0.405	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD



Client:	Hydro Tech Environmental	Sample ID:	26B1152-05
Client Project:	230051-170 Freeman Rd Brooklyn NY	Date Received:	02/27/2026
Client Sample ID:	MW-14 (2026 27 02)	Collection Date/Time:	2/27/26 12:25

Lab ID:	26B1152-05	Laboratory:	ALS Environmental - Stratford
Analysis:	Volatile Organic Compounds by GC/MS	Matrix:	Ground Water
Prep Method:	Sample Prepared by Method: EPA 5030B		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
Methyl acetate	ND		0.442	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
Methyl tert-butyl ether (MTBE)	ND	ICVE	0.244	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
Methylcyclohexane	ND		0.477	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
Methylene chloride	ND	CCVE	0.397	2.00	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
n-Butylbenzene	ND		0.399	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
n-Propylbenzene	ND		0.384	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
o-Xylene	ND		0.261	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
p- & m- Xylenes	ND		0.578	1.00	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
p-Isopropyltoluene	ND		0.377	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
sec-Butylbenzene	ND		0.444	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
Styrene	ND		0.255	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
tert-Butyl alcohol (TBA)	ND	CCVE	0.608	1.00	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
tert-Butylbenzene	ND		0.367	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
Tetrachloroethylene	ND		0.239	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
Toluene	ND		0.346	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
trans-1,2-Dichloroethylene	ND		0.279	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
trans-1,3-Dichloropropylene	ND		0.229	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
trans-1,4-dichloro-2-butene	ND		0.283	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
Trichloroethylene	ND		0.249	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
Trichlorofluoromethane	ND		0.337	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
Vinyl Chloride	ND	CCVE	0.469	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
Xylenes, Total	ND		0.839	1.50	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
Surrogate Recoveries			Result	Flag	Acceptance Range		Reference	Analyzed		
Surrogate: SURR: 1,2-Dichloroethane-d4			113 %		69-130		EPA 8260D	2/28/26 14:24		
Surrogate: SURR: Toluene-d8			108 %		81-117		EPA 8260D	2/28/26 14:24		
Surrogate: SURR: p-Bromofluorobenzene			105 %		79-122		EPA 8260D	2/28/26 14:24		

Client:	Hydro Tech Environmental	Sample ID:	26B1152-06
Client Project:	230051-170 Freeman Rd Brooklyn NY	Date Received:	02/27/2026
Client Sample ID:	MW-15 (2026 27 02)	Collection Date/Time:	2/27/26 12:00

Lab ID:	26B1152-06	Laboratory:	ALS Environmental - Stratford
Analysis:	Volatile Organic Compounds by GC/MS	Matrix:	Ground Water
Prep Method:	Sample Prepared by Method: EPA 5030B		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
1,1,1,2-Tetrachloroethane	ND		0.216	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
1,1,1-Trichloroethane	ND		0.266	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
1,1,2,2-Tetrachloroethane	ND		0.256	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon)	ND		0.286	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD



Client:	Hydro Tech Environmental	Sample ID:	26B1152-06
Client Project:	230051-170 Freeman Rd Brooklyn NY	Date Received:	02/27/2026
Client Sample ID:	MW-15 (2026 27 02)	Collection Date/Time:	2/27/26 12:00

Lab ID:	26B1152-06	Laboratory:	ALS Environmental - Stratford
Analysis:	Volatile Organic Compounds by GC/MS	Matrix:	Ground Water
Prep Method:	Sample Prepared by Method: EPA 5030B		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
1,1,2-Trichloroethane	ND		0.249	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
1,1-Dichloroethane	ND		0.272	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
1,1-Dichloroethylene	ND		0.327	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
1,2,3-Trichlorobenzene	ND		0.222	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
1,2,3-Trichloropropane	ND		0.273	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
1,2,4-Trichlorobenzene	ND		0.138	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
1,2,4-Trimethylbenzene	ND		0.310	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
1,2-Dibromo-3-chloropropane	ND		0.432	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
1,2-Dibromoethane	ND		0.215	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
1,2-Dichlorobenzene	ND		0.270	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
1,2-Dichloroethane	ND		0.377	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
1,2-Dichloropropane	ND		0.327	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
1,3,5-Trimethylbenzene	ND		0.347	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
1,3-Dichlorobenzene	ND		0.283	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
1,4-Dichlorobenzene	ND		0.311	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
2-Butanone	ND		0.421	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
2-Hexanone	ND		0.320	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
4-Methyl-2-pentanone	ND		0.365	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
Acetone	3.05	CCVE, ICVE, QL-02	1.34	2.00	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
Acrolein	ND	ICVE	0.447	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
Acrylonitrile	ND		0.422	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
Benzene	ND		0.279	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
Bromochloromethane	ND		0.354	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
Bromodichloromethane	ND		0.245	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
Bromoform	ND		0.163	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
Bromomethane	ND	CCVE	0.500	2.00	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
Carbon disulfide	ND		0.362	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
Carbon tetrachloride	ND		0.204	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
Chlorobenzene	ND		0.284	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
Chloroethane	ND		0.448	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
Chloroform	ND		0.243	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
Chloromethane	ND	CCVE	0.372	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
cis-1,2-Dichloroethylene	ND		0.294	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
cis-1,3-Dichloropropylene	ND		0.262	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
Cyclohexane	ND		0.491	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
Dibromochloromethane	ND		0.146	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
Dibromomethane	ND		0.203	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
Dichlorodifluoromethane	ND	CCVE, ICVE, QL-02	0.451	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
Ethyl Benzene	ND		0.290	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
Hexachlorobutadiene	ND		0.241	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
Isopropylbenzene	ND		0.405	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
Methyl acetate	ND		0.442	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD



Client:	Hydro Tech Environmental	Sample ID:	26B1152-06
Client Project:	230051-170 Freeman Rd Brooklyn NY	Date Received:	02/27/2026
Client Sample ID:	MW-15 (2026 27 02)	Collection Date/Time:	2/27/26 12:00

Lab ID:	26B1152-06	Laboratory:	ALS Environmental - Stratford
Analysis:	Volatile Organic Compounds by GC/MS	Matrix:	Ground Water
Prep Method:	Sample Prepared by Method: EPA 5030B		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
Methyl tert-butyl ether (MTBE)	ND	ICVE	0.244	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
Methylcyclohexane	ND		0.477	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
Methylene chloride	ND	CCVE	0.397	2.00	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
n-Butylbenzene	ND		0.399	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
n-Propylbenzene	ND		0.384	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
o-Xylene	ND		0.261	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
p- & m- Xylenes	ND		0.578	1.00	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
p-Isopropyltoluene	ND		0.377	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
sec-Butylbenzene	ND		0.444	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
Styrene	ND		0.255	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
tert-Butyl alcohol (TBA)	ND	CCVE	0.608	1.00	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
tert-Butylbenzene	ND		0.367	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
Tetrachloroethylene	ND		0.239	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
Toluene	ND		0.346	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
trans-1,2-Dichloroethylene	ND		0.279	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
trans-1,3-Dichloropropylene	ND		0.229	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
trans-1,4-dichloro-2-butene	ND		0.283	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
Trichloroethylene	ND		0.249	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
Trichlorofluoromethane	ND		0.337	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
Vinyl Chloride	ND	CCVE	0.469	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
Xylenes, Total	ND		0.839	1.50	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	119 %		69-130	EPA 8260D	2/28/26 14:54
Surrogate: SURR: Toluene-d8	107 %		81-117	EPA 8260D	2/28/26 14:54
Surrogate: SURR: p-Bromofluorobenzene	105 %		79-122	EPA 8260D	2/28/26 14:54

Client:	Hydro Tech Environmental	Sample ID:	26B1152-07
Client Project:	230051-170 Freeman Rd Brooklyn NY	Date Received:	02/27/2026
Client Sample ID:	FB (2026 27 02)	Collection Date/Time:	2/27/26 13:05

Lab ID:	26B1152-07	Laboratory:	ALS Environmental - Stratford
Analysis:	Volatile Organic Compounds by GC/MS	Matrix:	Ground Water
Prep Method:	Sample Prepared by Method: EPA 5030B		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
1,1,1,2-Tetrachloroethane	ND		0.216	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD
1,1,1-Trichloroethane	ND		0.266	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD
1,1,2,2-Tetrachloroethane	ND		0.256	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon)	ND		0.286	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD
1,1,2-Trichloroethane	ND		0.249	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD



Client:	Hydro Tech Environmental	Sample ID:	26B1152-07
Client Project:	230051-170 Freeman Rd Brooklyn NY	Date Received:	02/27/2026
Client Sample ID:	FB (2026 27 02)	Collection Date/Time:	2/27/26 13:05

Lab ID:	26B1152-07	Laboratory:	ALS Environmental - Stratford
Analysis:	Volatile Organic Compounds by GC/MS	Matrix:	Ground Water
Prep Method:	Sample Prepared by Method: EPA 5030B		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
1,1-Dichloroethane	ND		0.272	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD
1,1-Dichloroethylene	ND		0.327	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD
1,2,3-Trichlorobenzene	ND		0.222	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD
1,2,3-Trichloropropane	ND		0.273	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD
1,2,4-Trichlorobenzene	ND		0.138	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD
1,2,4-Trimethylbenzene	ND		0.310	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD
1,2-Dibromo-3-chloropropane	ND		0.432	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD
1,2-Dibromoethane	ND		0.215	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD
1,2-Dichlorobenzene	ND		0.270	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD
1,2-Dichloroethane	ND		0.377	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD
1,2-Dichloropropane	ND		0.327	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD
1,3,5-Trimethylbenzene	ND		0.347	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD
1,3-Dichlorobenzene	ND		0.283	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD
1,4-Dichlorobenzene	ND		0.311	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD
2-Butanone	ND		0.421	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD
2-Hexanone	ND		0.320	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD
4-Methyl-2-pentanone	ND		0.365	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD
Acetone	1.62	J	1.34	2.00	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD
Acrolein	ND	ICVE	0.447	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD
Acrylonitrile	ND		0.422	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD
Benzene	ND		0.279	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD
Bromochloromethane	ND		0.354	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD
Bromodichloromethane	0.660		0.245	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD
Bromoform	ND		0.163	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD
Bromomethane	ND	CCVE	0.500	2.00	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD
Carbon disulfide	0.620		0.362	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD
Carbon tetrachloride	ND		0.204	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD
Chlorobenzene	ND		0.284	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD
Chloroethane	ND		0.448	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD
Chloroform	28.4		0.243	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD
Chloromethane	ND	CCVE	0.372	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD
cis-1,2-Dichloroethylene	ND		0.294	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD
cis-1,3-Dichloropropylene	ND		0.262	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD
Cyclohexane	ND		0.491	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD
Dibromochloromethane	ND		0.146	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD
Dibromomethane	ND		0.203	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD
Dichlorodifluoromethane	ND	CCVE, ICVE, QL-02	0.451	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD
Ethyl Benzene	ND		0.290	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD
Hexachlorobutadiene	ND		0.241	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD
Isopropylbenzene	ND		0.405	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD
Methyl acetate	ND		0.442	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD
Methyl tert-butyl ether (MTBE)	ND	ICVE	0.244	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD
Methylcyclohexane	ND		0.477	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD
Methylene chloride	ND	CCVE	0.397	2.00	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD



Client:	Hydro Tech Environmental	Sample ID:	26B1152-07
Client Project:	230051-170 Freeman Rd Brooklyn NY	Date Received:	02/27/2026
Client Sample ID:	FB (2026 27 02)	Collection Date/Time:	2/27/26 13:05

Lab ID:	26B1152-07					Laboratory:	ALS Environmental - Stratford				
Analysis:	Volatile Organic Compounds by GC/MS					Matrix:	Ground Water				
Prep Method:	Sample Prepared by Method: EPA 5030B										
Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst	
n-Butylbenzene	ND	CCVE	0.399	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD	
n-Propylbenzene	ND		0.384	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD	
o-Xylene	ND		0.261	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD	
p- & m- Xylenes	ND		0.578	1.00	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD	
p-Isopropyltoluene	ND		0.377	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD	
sec-Butylbenzene	ND		0.444	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD	
Styrene	ND		0.255	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD	
tert-Butyl alcohol (TBA)	ND		0.608	1.00	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD	
tert-Butylbenzene	ND		0.367	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD	
Tetrachloroethylene	ND		0.239	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD	
Toluene	ND	CCVE	0.346	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD	
trans-1,2-Dichloroethylene	ND		0.279	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD	
trans-1,3-Dichloropropylene	ND		0.229	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD	
trans-1,4-dichloro-2-butene	ND		0.283	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD	
Trichloroethylene	ND		0.249	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD	
Trichlorofluoromethane	ND		0.337	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD	
Vinyl Chloride	ND		0.469	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD	
Xylenes, Total	ND		0.839	1.50	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD	
Surrogate Recoveries			Result	Flag	Acceptance Range			Reference	Analyzed		
Surrogate: SURR: 1,2-Dichloroethane-d4			116 %		69-130			EPA 8260D	2/28/26 15:24		
Surrogate: SURR: Toluene-d8			108 %		81-117			EPA 8260D	2/28/26 15:24		
Surrogate: SURR: p-Bromofluorobenzene			106 %		79-122			EPA 8260D	2/28/26 15:24		

Client:	Hydro Tech Environmental	Sample ID:	26B1152-08
Client Project:	230051-170 Freeman Rd Brooklyn NY	Date Received:	02/27/2026
Client Sample ID:	TB (2026 27 02)	Collection Date/Time:	2/27/26 13:08

Lab ID:	26B1152-08						Laboratory:	ALS Environmental - Stratford		
Analysis:	Volatile Organic Compounds by GC/MS					Matrix:	Ground Water			
Prep Method:	Sample Prepared by Method: EPA 5030B									
Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
1,1,1,2-Tetrachloroethane	ND		0.216	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
1,1,1-Trichloroethane	ND		0.266	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
1,1,2,2-Tetrachloroethane	ND		0.256	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon)	ND		0.286	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
1,1,2-Trichloroethane	ND		0.249	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
1,1-Dichloroethane	ND		0.272	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
1,1-Dichloroethylene	ND		0.327	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
1,2,3-Trichlorobenzene	ND		0.222	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD



Client:	Hydro Tech Environmental	Sample ID:	26B1152-08
Client Project:	230051-170 Freeman Rd Brooklyn NY	Date Received:	02/27/2026
Client Sample ID:	TB (2026 27 02)	Collection Date/Time:	2/27/26 13:08

Lab ID:	26B1152-08					Laboratory:	ALS Environmental - Stratford				
Analysis:	Volatile Organic Compounds by GC/MS					Matrix:	Ground Water				
Prep Method:	Sample Prepared by Method: EPA 5030B										
Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst	
1,2,3-Trichloropropane	ND	ICVE, QL-02, CCVE	0.273	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD	
1,2,4-Trichlorobenzene	ND		0.138	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD	
1,2,4-Trimethylbenzene	ND		0.310	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD	
1,2-Dibromo-3-chloropropane	ND		0.432	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD	
1,2-Dibromoethane	ND		0.215	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD	
1,2-Dichlorobenzene	ND		0.270	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD	
1,2-Dichloroethane	ND		0.377	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD	
1,2-Dichloropropane	ND		0.327	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD	
1,3,5-Trimethylbenzene	ND		0.347	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD	
1,3-Dichlorobenzene	ND		0.283	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD	
1,4-Dichlorobenzene	ND		0.311	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD	
2-Butanone	ND		0.421	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD	
2-Hexanone	ND		0.320	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD	
4-Methyl-2-pentanone	ND		0.365	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD	
Acetone	3.06		1.34	2.00	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD	
Acrolein	ND		ICVE	0.447	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
Acrylonitrile	ND		0.422	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD	
Benzene	ND		0.279	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD	
Bromochloromethane	ND		0.354	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD	
Bromodichloromethane	ND	0.245	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD		
Bromoform	ND	0.163	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD		
Bromomethane	ND	CCVE	0.500	2.00	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD	
Carbon disulfide	ND	0.362	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD		
Carbon tetrachloride	ND	0.204	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD		
Chlorobenzene	ND	0.284	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD		
Chloroethane	ND	0.448	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD		
Chloroform	ND	0.243	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD		
Chloromethane	ND	CCVE	0.372	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD	
cis-1,2-Dichloroethylene	ND	0.294	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD		
cis-1,3-Dichloropropylene	ND	0.262	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD		
Cyclohexane	ND	0.491	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD		
Dibromochloromethane	ND	0.146	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD		
Dibromomethane	ND	0.203	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD		
Dichlorodifluoromethane	ND	CCVE, ICVE, QL-02	0.451	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD	
Ethyl Benzene	ND	0.290	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD		
Hexachlorobutadiene	ND	0.241	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD		
Isopropylbenzene	ND	0.405	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD		
Methyl acetate	ND	0.442	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD		
Methyl tert-butyl ether (MTBE)	ND	ICVE	0.244	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD	
Methylcyclohexane	ND	0.477	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD		
Methylene chloride	ND	CCVE	0.397	2.00	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD	
n-Butylbenzene	ND	0.399	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD		



Client:	Hydro Tech Environmental	Sample ID:	26B1152-08
Client Project:	230051-170 Freeman Rd Brooklyn NY	Date Received:	02/27/2026
Client Sample ID:	TB (2026 27 02)	Collection Date/Time:	2/27/26 13:08

Lab ID:	26B1152-08	Laboratory:	ALS Environmental - Stratford
Analysis:	Volatile Organic Compounds by GC/MS	Matrix:	Ground Water
Prep Method:	Sample Prepared by Method: EPA 5030B		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
n-Propylbenzene	ND		0.384	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
o-Xylene	ND		0.261	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
p- & m- Xylenes	ND		0.578	1.00	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
p-Isopropyltoluene	ND		0.377	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
sec-Butylbenzene	ND		0.444	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
Styrene	ND		0.255	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
tert-Butyl alcohol (TBA)	ND	CCVE	0.608	1.00	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
tert-Butylbenzene	ND		0.367	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
Tetrachloroethylene	ND		0.239	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
Toluene	ND		0.346	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
trans-1,2-Dichloroethylene	ND		0.279	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
trans-1,3-Dichloropropylene	ND		0.229	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
trans-1,4-dichloro-2-butene	ND		0.283	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
Trichloroethylene	ND		0.249	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
Trichlorofluoromethane	ND		0.337	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
Vinyl Chloride	ND	CCVE	0.469	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
Xylenes, Total	ND		0.839	1.50	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	113 %		69-130	EPA 8260D	2/28/26 11:55
Surrogate: SURR: Toluene-d8	109 %		81-117	EPA 8260D	2/28/26 11:55
Surrogate: SURR: p-Bromofluorobenzene	108 %		79-122	EPA 8260D	2/28/26 11:55



Certified Analyses included in this Report

Analyte	CAS #	Certifications
EPA 8260D in Water		
1,1,1,2-Tetrachloroethane	630-20-6	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADE P-68-04440
1,1,1-Trichloroethane	71-55-6	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADE P-68-04440
1,1,2,2-Tetrachloroethane	79-34-5	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADE P-68-04440
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADE P-68-04440
1,1,2-Trichloroethane	79-00-5	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADE P-68-04440
1,1-Dichloroethane	75-34-3	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADE P-68-04440
1,1-Dichloroethylene	75-35-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADE P-68-04440
1,2,3-Trichlorobenzene	87-61-6	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,2,3-Trichloropropane	96-18-4	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,2,4-Trichlorobenzene	120-82-1	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,2,4-Trimethylbenzene	95-63-6	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADE P-68-04440
1,2-Dibromo-3-chloropropane	96-12-8	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADE P-68-04440
1,2-Dibromoethane	106-93-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADE P-68-04440
1,2-Dichlorobenzene	95-50-1	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADE P-68-04440
1,2-Dichloroethane	107-06-2	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADE P-68-04440
1,2-Dichloropropane	78-87-5	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADE P-68-04440
1,3,5-Trimethylbenzene	108-67-8	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADE P-68-04440
1,3-Dichlorobenzene	541-73-1	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADE P-68-04440
1,4-Dichlorobenzene	106-46-7	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADE P-68-04440
2-Butanone	78-93-3	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADE P-68-04440
2-Hexanone	591-78-6	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADE P-68-04440
4-Methyl-2-pentanone	108-10-1	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADE P-68-04440
Acetone	67-64-1	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADE P-68-04440
Acrolein	107-02-8	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADE P-68-04440
Acrylonitrile	107-13-1	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADE P-68-04440
Benzene	71-43-2	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADE P-68-04440
Bromochloromethane	74-97-5	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Bromodichloromethane	75-27-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADE P-68-04440
Bromoform	75-25-2	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADE P-68-04440



Certified Analyses included in this Report
(Continued)

Analyte	CAS #	Certifications
EPA 8260D in Water (Continued)		
Bromomethane	74-83-9	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADE P-68-04440
Carbon disulfide	75-15-0	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADE P-68-04440
Carbon tetrachloride	56-23-5	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADE P-68-04440
Chlorobenzene	108-90-7	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADE P-68-04440
Chloroethane	75-00-3	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADE P-68-04440
Chloroform	67-66-3	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADE P-68-04440
Chloromethane	74-87-3	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADE P-68-04440
cis-1,2-Dichloroethylene	156-59-2	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADE P-68-04440
cis-1,3-Dichloropropylene	10061-01-5	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADE P-68-04440
Cyclohexane	110-82-7	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Dibromochloromethane	124-48-1	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADE P-68-04440
Dibromomethane	74-95-3	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Dichlorodifluoromethane	75-71-8	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Ethyl Benzene	100-41-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADE P-68-04440
Hexachlorobutadiene	87-68-3	NYSDOH-NY12058,PADEP-68-04440
Isopropylbenzene	98-82-8	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADE P-68-04440
Methyl acetate	79-20-9	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Methyl tert-butyl ether (MTBE)	1634-04-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADE P-68-04440
Methylcyclohexane	108-87-2	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Methylene chloride	75-09-2	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADE P-68-04440
n-Butylbenzene	104-51-8	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADE P-68-04440
n-Propylbenzene	103-65-1	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADE P-68-04440
o-Xylene	95-47-6	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP-68-04440
p- & m- Xylenes	179601-23-1	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP-68-04440
p-Isopropyltoluene	99-87-6	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADE P-68-04440
sec-Butylbenzene	135-98-8	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADE P-68-04440
Styrene	100-42-5	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADE P-68-04440
tert-Butyl alcohol (TBA)	75-65-0	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
tert-Butylbenzene	98-06-6	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADE P-68-04440
Tetrachloroethylene	127-18-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADE P-68-04440
Toluene	108-88-3	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADE P-68-04440



Certified Analyses included in this Report
(Continued)

Analyte	CAS #	Certifications
EPA 8260D in Water (Continued)		
trans-1,2-Dichloroethylene	156-60-5	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADE P-68-04440
trans-1,3-Dichloropropylene	10061-02-6	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADE P-68-04440
trans-1,4-dichloro-2-butene	110-57-6	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADE P-68-04440
Trichloroethylene	79-01-6	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADE P-68-04440
Trichlorofluoromethane	75-69-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADE P-68-04440
Vinyl Chloride	75-01-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADE P-68-04440
Xylenes, Total	1330-20-7	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005



List of Certifications

Code	Description	Number	Expires
CTDPH-PH-0840	CTDPH - Stratford	PH-0840	06/30/2027
NJDEP-CT005	NJDEP Certification - Stratford	CT005	06/30/2026
NYSDOH-NY12058	NYSDOH NELAC/ELAP Program - Queens	NY ELAP-12058	04/01/2026
NYSDOH-NY10854	NYSDOH NELAC/ELAP Program - Stratford	NY ELAP-10854	04/01/2026
PADEP-68-04440	PADEP Registration - Stratford	68-04440	09/30/2026



Analytical Batch Summary

Batch ID: BB61548 Preparation Method: EPA 5030B Prepared By: THD		
Sample ID	Client Sample ID	Preparation Date
26B1152-01	MW-9 (2026 27 02)	02/28/26
26B1152-02	MW-10 (2026 27 02)	02/28/26
26B1152-03	MW-11R MS/MSD (2026 27 02)	02/28/26
26B1152-04	MW-13R (2026 27 02)	02/28/26
26B1152-05	MW-14 (2026 27 02)	02/28/26
26B1152-06	MW-15 (2026 27 02)	02/28/26
26B1152-07	FB (2026 27 02)	02/28/26
26B1152-08	TB (2026 27 02)	02/28/26
BB61548-BLK1	Blank	02/28/26
BB61548-BS1	LCS	02/28/26
BB61548-BSD1	LCS Dup	02/28/26
BB61548-MS1	Matrix Spike	02/28/26
BB61548-MSD1	Matrix Spike Dup	02/28/26

Batch ID: BC60272 Preparation Method: EPA 5030B Prepared By: THD		
Sample ID	Client Sample ID	Preparation Date
26B1152-01RE1	MW-9 (2026 27 02)	02/28/26
26B1152-03RE1	MW-11R MS/MSD (2026 27 02)	02/28/26
BC60272-BLK1	Blank	03/05/26
BC60272-BS1	LCS	03/05/26
BC60272-BSD1	LCS Dup	03/05/26



Volatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB61548 - EPA 5030B											
Blank (BB61548-BLK1)											
Prepared & Analyzed: 02/28/2026											
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	ug/L								
1,1,2,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	ug/L								
1,1,2-Trichloroethane	ND	0.500	ug/L								
1,1-Dichloroethane	ND	0.500	ug/L								
1,1-Dichloroethylene	ND	0.500	ug/L								
1,2,3-Trichlorobenzene	ND	0.500	ug/L								
1,2,3-Trichloropropane	ND	0.500	ug/L								
1,2,4-Trichlorobenzene	ND	0.500	ug/L								
1,2,4-Trimethylbenzene	ND	0.500	ug/L								
1,2-Dibromo-3-chloropropane	ND	0.500	ug/L								
1,2-Dibromoethane	ND	0.500	ug/L								
1,2-Dichlorobenzene	ND	0.500	ug/L								
1,2-Dichloroethane	ND	0.500	ug/L								
1,2-Dichloropropane	ND	0.500	ug/L								
1,3,5-Trimethylbenzene	ND	0.500	ug/L								
1,3-Dichlorobenzene	ND	0.500	ug/L								
1,4-Dichlorobenzene	ND	0.500	ug/L								
2-Butanone	ND	0.500	ug/L								
2-Hexanone	ND	0.500	ug/L								
4-Methyl-2-pentanone	ND	0.500	ug/L								
Acetone	ND	2.00	ug/L								
Acrolein	ND	0.500	ug/L								
Acrylonitrile	ND	0.500	ug/L								
Benzene	ND	0.500	ug/L								
Bromochloromethane	ND	0.500	ug/L								
Bromodichloromethane	ND	0.500	ug/L								
Bromoform	ND	0.500	ug/L								
Bromomethane	ND	2.00	ug/L								
Carbon disulfide	ND	0.500	ug/L								
Carbon tetrachloride	ND	0.500	ug/L								
Chlorobenzene	ND	0.500	ug/L								
Chloroethane	ND	0.500	ug/L								
Chloroform	ND	0.500	ug/L								
Chloromethane	ND	0.500	ug/L								
cis-1,2-Dichloroethylene	ND	0.500	ug/L								
cis-1,3-Dichloropropylene	ND	0.500	ug/L								
Cyclohexane	ND	0.500	ug/L								
Dibromochloromethane	ND	0.500	ug/L								
Dibromomethane	ND	0.500	ug/L								
Dichlorodifluoromethane	ND	0.500	ug/L								
Ethyl Benzene	ND	0.500	ug/L								
Hexachlorobutadiene	ND	0.500	ug/L								
Isopropylbenzene	ND	0.500	ug/L								
Methyl acetate	ND	0.500	ug/L								
Methyl tert-butyl ether (MTBE)	ND	0.500	ug/L								
Methylcyclohexane	ND	0.500	ug/L								
Methylene chloride	ND	2.00	ug/L								



Volatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB61548 - EPA 5030B											
Blank (BB61548-BLK1)											
Prepared & Analyzed: 02/28/2026											
n-Butylbenzene	ND	0.500	ug/L								
n-Propylbenzene	ND	0.500	ug/L								
o-Xylene	ND	0.500	ug/L								
p- & m- Xylenes	ND	1.00	ug/L								
p-Isopropyltoluene	ND	0.500	ug/L								
sec-Butylbenzene	ND	0.500	ug/L								
Styrene	ND	0.500	ug/L								
tert-Butyl alcohol (TBA)	ND	1.00	ug/L								
tert-Butylbenzene	ND	0.500	ug/L								
Tetrachloroethylene	ND	0.500	ug/L								
Toluene	ND	0.500	ug/L								
trans-1,2-Dichloroethylene	ND	0.500	ug/L								
trans-1,3-Dichloropropylene	ND	0.500	ug/L								
trans-1,4-dichloro-2-butene	ND	0.500	ug/L								
Trichloroethylene	ND	0.500	ug/L								
Trichlorofluoromethane	ND	0.500	ug/L								
Vinyl Chloride	ND	0.500	ug/L								
Xylenes, Total	ND	1.50	ug/L								
Surrogate: SURR: 1,2-Dichloroethane-d4	11.1		ug/L	10.0		111	69-130				
Surrogate: SURR: Toluene-d8	10.9		ug/L	10.0		109	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.8		ug/L	10.0		108	79-122				
LCS (BB61548-BS1)						Prepared & Analyzed: 02/28/2026					
1,1,1,2-Tetrachloroethane	9.83		ug/L	10.0		98.3	82-126				
1,1,1-Trichloroethane	9.62		ug/L	10.0		96.2	78-136				
1,1,2,2-Tetrachloroethane	9.55		ug/L	10.0		95.5	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.6		ug/L	10.0		126	54-165				
1,1,2-Trichloroethane	9.20		ug/L	10.0		92.0	82-123				
1,1-Dichloroethane	9.57		ug/L	10.0		95.7	82-129				
1,1-Dichloroethylene	12.0		ug/L	10.0		120	68-138				
1,2,3-Trichlorobenzene	9.26		ug/L	10.0		92.6	76-136				
1,2,3-Trichloropropane	9.46		ug/L	10.0		94.6	77-128				
1,2,4-Trichlorobenzene	9.59		ug/L	10.0		95.9	76-137				
1,2,4-Trimethylbenzene	11.5		ug/L	10.0		115	82-132				
1,2-Dibromo-3-chloropropane	9.19		ug/L	10.0		91.9	45-147				
1,2-Dibromoethane	9.24		ug/L	10.0		92.4	83-124				
1,2-Dichlorobenzene	10.2		ug/L	10.0		102	79-123				
1,2-Dichloroethane	8.89		ug/L	10.0		88.9	73-132				
1,2-Dichloropropane	9.91		ug/L	10.0		99.1	78-126				
1,3,5-Trimethylbenzene	11.6		ug/L	10.0		116	80-131				
1,3-Dichlorobenzene	10.6		ug/L	10.0		106	86-122				
1,4-Dichlorobenzene	10.5		ug/L	10.0		105	85-124				
2-Butanone	42.7		ug/L	10.0		427	49-152	High Bias			
2-Hexanone	37.0		ug/L	10.0		370	51-146	High Bias			
4-Methyl-2-pentanone	39.5		ug/L	10.0		395	57-145	High Bias			
Acetone	37.4		ug/L	10.0		374	14-150	High Bias			
Acrolein	40.4		ug/L	40.0		101	10-153				
Acrylonitrile	8.40		ug/L	10.0		84.0	51-150				
Benzene	9.33		ug/L	10.0		93.3	85-126				
Bromochloromethane	9.09		ug/L	10.0		90.9	77-128				



Volatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB61548 - EPA 5030B											
LCS (BB61548-BS1)						Prepared & Analyzed: 02/28/2026					
Bromodichloromethane	9.70		ug/L	10.0		97.0	79-128	High Bias			
Bromoform	8.42		ug/L	10.0		84.2	78-133				
Bromomethane	11.7		ug/L	10.0		117	43-168				
Carbon disulfide	10.9		ug/L	10.0		109	68-146				
Carbon tetrachloride	9.77		ug/L	10.0		97.7	77-141				
Chlorobenzene	10.0		ug/L	10.0		100	88-120				
Chloroethane	16.4		ug/L	10.0		164	65-136				
Chloroform	9.05		ug/L	10.0		90.5	82-128				
Chloromethane	10.7		ug/L	10.0		107	43-155				
cis-1,2-Dichloroethylene	9.22		ug/L	10.0		92.2	83-129				
cis-1,3-Dichloropropylene	9.78		ug/L	10.0		97.8	80-131				
Cyclohexane	11.2		ug/L	10.0		112	63-149				
Dibromochloromethane	8.87		ug/L	10.0		88.7	80-130				
Dibromomethane	9.45		ug/L	10.0		94.5	72-134				
Dichlorodifluoromethane	11.5		ug/L	10.0		115	44-144				
Ethyl Benzene	11.0		ug/L	10.0		110	80-131				
Hexachlorobutadiene	11.8		ug/L	10.0		118	67-146				
Isopropylbenzene	11.7		ug/L	10.0		117	76-140				
Methyl acetate	8.80		ug/L	10.0		88.0	51-139				
Methyl tert-butyl ether (MTBE)	8.53		ug/L	10.0		85.3	76-135				
Methylcyclohexane	11.7		ug/L	10.0		117	72-143				
Methylene chloride	7.95		ug/L	10.0		79.5	55-137				
n-Butylbenzene	10.6		ug/L	10.0		106	79-132				
n-Propylbenzene	12.0		ug/L	10.0		120	78-133				
o-Xylene	11.0		ug/L	10.0		110	78-130				
p- & m- Xylenes	21.7		ug/L	20.0		109	77-133				
p-Isopropyltoluene	12.6		ug/L	10.0		126	81-136				
sec-Butylbenzene	12.6		ug/L	10.0		126	79-137				
Styrene	10.8		ug/L	10.0		108	67-132				
tert-Butyl alcohol (TBA)	42.2		ug/L	50.0		84.3	25-162				
tert-Butylbenzene	10.2		ug/L	10.0		102	77-138				
Tetrachloroethylene	9.33		ug/L	10.0		93.3	82-131				
Toluene	10.5		ug/L	10.0		105	80-127				
trans-1,2-Dichloroethylene	11.2		ug/L	10.0		112	80-132				
trans-1,3-Dichloropropylene	9.78		ug/L	10.0		97.8	78-131				
trans-1,4-dichloro-2-butene	9.41		ug/L	10.0		94.1	63-141				
Trichloroethylene	10.3		ug/L	10.0		103	82-128				
Trichlorofluoromethane	13.4		ug/L	10.0		134	67-139				
Vinyl Chloride	12.1		ug/L	10.0		121	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	9.78		ug/L	10.0		97.8	69-130				
Surrogate: SURR: Toluene-d8	10.9		ug/L	10.0		109	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.7		ug/L	10.0		107	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB61548 - EPA 5030B											
LCS Dup (BB61548-BSD1)						Prepared & Analyzed: 02/28/2026					
1,1,1,2-Tetrachloroethane	10.1		ug/L	10.0		101	82-126		3.01	30	
1,1,1-Trichloroethane	9.24		ug/L	10.0		92.4	78-136		4.03	30	
1,1,2,2-Tetrachloroethane	10.1		ug/L	10.0		101	76-129		5.20	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0		ug/L	10.0		100	54-165		23.0	30	
1,1,2-Trichloroethane	10.0		ug/L	10.0		100	82-123		8.73	30	
1,1-Dichloroethane	9.20		ug/L	10.0		92.0	82-129		3.94	30	
1,1-Dichloroethylene	10.2		ug/L	10.0		102	68-138		16.3	30	
1,2,3-Trichlorobenzene	9.81		ug/L	10.0		98.1	76-136		5.77	30	
1,2,3-Trichloropropane	9.92		ug/L	10.0		99.2	77-128		4.75	30	
1,2,4-Trichlorobenzene	9.74		ug/L	10.0		97.4	76-137		1.55	30	
1,2,4-Trimethylbenzene	10.8		ug/L	10.0		108	82-132		6.02	30	
1,2-Dibromo-3-chloropropane	9.84		ug/L	10.0		98.4	45-147		6.83	30	
1,2-Dibromoethane	10.2		ug/L	10.0		102	83-124		9.68	30	
1,2-Dichlorobenzene	10.1		ug/L	10.0		101	79-123		0.787	30	
1,2-Dichloroethane	9.36		ug/L	10.0		93.6	73-132		5.15	30	
1,2-Dichloropropane	10.3		ug/L	10.0		103	78-126		3.57	30	
1,3,5-Trimethylbenzene	10.8		ug/L	10.0		108	80-131		7.08	30	
1,3-Dichlorobenzene	10.3		ug/L	10.0		103	86-122		3.45	30	
1,4-Dichlorobenzene	10.2		ug/L	10.0		102	85-124		2.31	30	
2-Butanone	45.8		ug/L	10.0		458	49-152	High Bias	7.05	30	
2-Hexanone	47.9		ug/L	10.0		479	51-146	High Bias	25.7	30	
4-Methyl-2-pentanone	46.5		ug/L	10.0		465	57-145	High Bias	16.4	30	
Acetone	41.7		ug/L	10.0		417	14-150	High Bias	10.8	30	
Acrolein	39.8		ug/L	40.0		99.6	10-153		1.45	30	
Acrylonitrile	9.89		ug/L	10.0		98.9	51-150		16.3	30	
Benzene	9.20		ug/L	10.0		92.0	85-126		1.40	30	
Bromochloromethane	9.42		ug/L	10.0		94.2	77-128		3.57	30	
Bromodichloromethane	10.0		ug/L	10.0		100	79-128		3.54	30	
Bromoform	9.41		ug/L	10.0		94.1	78-133		11.1	30	
Bromomethane	9.36		ug/L	10.0		93.6	43-168		22.1	30	
Carbon disulfide	8.77		ug/L	10.0		87.7	68-146		21.7	30	
Carbon tetrachloride	9.00		ug/L	10.0		90.0	77-141		8.20	30	
Chlorobenzene	10.1		ug/L	10.0		101	88-120		0.697	30	
Chloroethane	13.4		ug/L	10.0		134	65-136		20.4	30	
Chloroform	9.04		ug/L	10.0		90.4	82-128		0.111	30	
Chloromethane	6.62		ug/L	10.0		66.2	43-155		47.2	30	Non-dir.
cis-1,2-Dichloroethylene	9.34		ug/L	10.0		93.4	83-129		1.29	30	
cis-1,3-Dichloropropylene	10.4		ug/L	10.0		104	80-131		5.76	30	
Cyclohexane	9.79		ug/L	10.0		97.9	63-149		13.0	30	
Dibromochloromethane	9.57		ug/L	10.0		95.7	80-130		7.59	30	
Dibromomethane	10.4		ug/L	10.0		104	72-134		9.09	30	
Dichlorodifluoromethane	2.79		ug/L	10.0		27.9	44-144	Low Bias	122	30	Non-dir.
Ethyl Benzene	10.9		ug/L	10.0		109	80-131		0.458	30	
Hexachlorobutadiene	10.7		ug/L	10.0		107	67-146		10.0	30	
Isopropylbenzene	10.8		ug/L	10.0		108	76-140		7.72	30	
Methyl acetate	11.1		ug/L	10.0		111	51-139		23.1	30	
Methyl tert-butyl ether (MTBE)	10.0		ug/L	10.0		100	76-135		16.3	30	
Methylcyclohexane	10.7		ug/L	10.0		107	72-143		8.76	30	
Methylene chloride	8.02		ug/L	10.0		80.2	55-137		0.877	30	
n-Butylbenzene	9.72		ug/L	10.0		97.2	79-132		8.66	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB61548 - EPA 5030B											
LCS Dup (BB61548-BSD1)											
Prepared & Analyzed: 02/28/2026											
n-Propylbenzene	11.0		ug/L	10.0		110	78-133		9.47	30	
o-Xylene	11.0		ug/L	10.0		110	78-130		0.455	30	
p- & m- Xylenes	21.6		ug/L	20.0		108	77-133		0.461	30	
p-Isopropyltoluene	11.7		ug/L	10.0		117	81-136		7.49	30	
sec-Butylbenzene	11.4		ug/L	10.0		114	79-137		9.73	30	
Styrene	11.1		ug/L	10.0		111	67-132		2.56	30	
tert-Butyl alcohol (TBA)	45.0		ug/L	50.0		89.9	25-162		6.43	30	
tert-Butylbenzene	9.43		ug/L	10.0		94.3	77-138		7.45	30	
Tetrachloroethylene	9.01		ug/L	10.0		90.1	82-131		3.49	30	
Toluene	10.4		ug/L	10.0		104	80-127		0.862	30	
trans-1,2-Dichloroethylene	10.8		ug/L	10.0		108	80-132		3.82	30	
trans-1,3-Dichloropropylene	10.4		ug/L	10.0		104	78-131		5.76	30	
trans-1,4-dichloro-2-butene	10.0		ug/L	10.0		100	63-141		6.38	30	
Trichloroethylene	10.0		ug/L	10.0		100	82-128		2.66	30	
Trichlorofluoromethane	10.2		ug/L	10.0		102	67-139		27.0	30	
Vinyl Chloride	7.83		ug/L	10.0		78.3	58-145		42.9	30	Non-dir.
Surrogate: SURR: 1,2-Dichloroethane-d4	10.4		ug/L	10.0		104	69-130				
Surrogate: SURR: Toluene-d8	10.8		ug/L	10.0		108	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.5		ug/L	10.0		105	79-122				
Matrix Spike (BB61548-MS1)											
*Source sample: 26B1152-03 (MW-11R MS/MSD (2026 27 02))						Prepared & Analyzed: 02/28/2026					
1,1,1,2-Tetrachloroethane	9.07		ug/L	10.0	0.00	90.7	45-161				
1,1,1-Trichloroethane	9.11		ug/L	10.0	0.00	91.1	70-146				
1,1,2,2-Tetrachloroethane	10.2		ug/L	10.0	0.00	102	74-121				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.1		ug/L	10.0	0.00	101	21-217				
1,1,2-Trichloroethane	9.89		ug/L	10.0	0.00	98.9	59-146				
1,1-Dichloroethane	8.62		ug/L	10.0	0.00	86.2	54-146				
1,1-Dichloroethylene	11.1		ug/L	10.0	0.00	111	44-165				
1,2,3-Trichlorobenzene	7.38		ug/L	10.0	0.00	73.8	40-161				
1,2,3-Trichloropropane	9.92		ug/L	10.0	0.00	99.2	74-127				
1,2,4-Trichlorobenzene	6.67		ug/L	10.0	0.00	66.7	41-161				
1,2,4-Trimethylbenzene	7.77		ug/L	10.0	0.00	77.7	72-129				
1,2-Dibromo-3-chloropropane	9.89		ug/L	10.0	0.00	98.9	31-151				
1,2-Dibromoethane	10.0		ug/L	10.0	0.00	100	75-125				
1,2-Dichlorobenzene	8.03		ug/L	10.0	0.00	80.3	63-122				
1,2-Dichloroethane	9.24		ug/L	10.0	0.00	92.4	68-131				
1,2-Dichloropropane	9.23		ug/L	10.0	0.00	92.3	77-121				
1,3,5-Trimethylbenzene	7.74		ug/L	10.0	0.00	77.4	69-126				
1,3-Dichlorobenzene	7.28		ug/L	10.0	0.00	72.8	74-119	Low Bias			
1,4-Dichlorobenzene	7.31		ug/L	10.0	0.00	73.1	70-124				
2-Butanone	45.7		ug/L	10.0	0.400	453	10-193	High Bias			
2-Hexanone	53.0		ug/L	10.0	0.910	521	53-133	High Bias			
4-Methyl-2-pentanone	50.8		ug/L	10.0	0.00	508	38-150	High Bias			
Acetone	0.00		ug/L	10.0	0.00		13-149	Low Bias			
Acrolein	47.3		ug/L	40.0	0.00	118	10-195				
Acrylonitrile	10.3		ug/L	10.0	0.00	103	37-165				
Benzene	8.42		ug/L	10.0	0.00	84.2	38-155				
Bromochloromethane	8.80		ug/L	10.0	0.00	88.0	75-121				
Bromodichloromethane	9.09		ug/L	10.0	0.00	90.9	70-129				
Bromoform	9.13		ug/L	10.0	0.00	91.3	66-136				



Volatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB61548 - EPA 5030B											
Matrix Spike (BB61548-MS1) *Source sample: 26B1152-03 (MW-11R MS/MSD (2026 27 02)) Prepared & Analyzed: 02/28/2026											
Bromomethane	9.80		ug/L	10.0	0.00	98.0	30-158	High Bias			
Carbon disulfide	8.70		ug/L	10.0	0.00	87.0	10-138				
Carbon tetrachloride	8.72		ug/L	10.0	0.00	87.2	71-146				
Chlorobenzene	8.37		ug/L	10.0	0.00	83.7	81-117				
Chloroethane	15.6		ug/L	10.0	0.00	156	51-145				
Chloroform	8.45		ug/L	10.0	0.00	84.5	80-124				
Chloromethane	9.25		ug/L	10.0	0.00	92.5	16-163				
cis-1,2-Dichloroethylene	12.6		ug/L	10.0	3.95	87.0	76-125				
cis-1,3-Dichloropropylene	9.05		ug/L	10.0	0.00	90.5	58-131				
Cyclohexane	9.41		ug/L	10.0	0.00	94.1	70-130				
Dibromochloromethane	9.10		ug/L	10.0	0.00	91.0	71-129	Low Bias			
Dibromomethane	10.1		ug/L	10.0	0.00	101	76-120				
Dichlorodifluoromethane	9.57		ug/L	10.0	0.00	95.7	30-147				
Ethyl Benzene	8.54		ug/L	10.0	0.00	85.4	72-128				
Hexachlorobutadiene	6.55		ug/L	10.0	0.00	65.5	34-166				
Isopropylbenzene	8.34		ug/L	10.0	0.00	83.4	66-139				
Methyl acetate	11.8		ug/L	10.0	0.00	118	10-200				
Methyl tert-butyl ether (MTBE)	11.0		ug/L	10.0	0.00	110	75-128				
Methylcyclohexane	7.81		ug/L	10.0	0.00	78.1	70-130				
Methylene chloride	7.68		ug/L	10.0	0.00	76.8	57-128				
n-Butylbenzene	5.90		ug/L	10.0	0.00	59.0	61-138				
n-Propylbenzene	7.64		ug/L	10.0	0.00	76.4	66-134				
o-Xylene	8.97		ug/L	10.0	0.00	89.7	69-126				
p- & m- Xylenes	16.6		ug/L	20.0	0.00	82.8	67-130				
p-Isopropyltoluene	7.78		ug/L	10.0	0.00	77.8	64-137				
sec-Butylbenzene	7.98		ug/L	10.0	0.00	79.8	53-155				
Styrene	8.77		ug/L	10.0	0.00	87.7	69-125				
tert-Butyl alcohol (TBA)	43.2		ug/L	50.0	0.00	86.5	10-130				
tert-Butylbenzene	7.40		ug/L	10.0	0.00	74.0	65-139				
Tetrachloroethylene	6.56		ug/L	10.0	0.100	64.6	64-139				
Toluene	8.68		ug/L	10.0	0.00	86.8	76-123				
trans-1,2-Dichloroethylene	9.68		ug/L	10.0	0.00	96.8	79-131				
trans-1,3-Dichloropropylene	9.05		ug/L	10.0	0.00	90.5	55-130				
trans-1,4-dichloro-2-butene	9.30		ug/L	10.0	0.00	93.0	25-155				
Trichloroethylene	8.24		ug/L	10.0	0.120	81.2	53-145				
Trichlorofluoromethane	12.4		ug/L	10.0	0.00	124	61-142				
Vinyl Chloride	10.9		ug/L	10.0	0.00	109	31-165				
Surrogate: SURR: 1,2-Dichloroethane-d4	11.1		ug/L	10.0		111	69-130				
Surrogate: SURR: Toluene-d8	10.8		ug/L	10.0		108	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.7		ug/L	10.0		107	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB61548 - EPA 5030B											
Matrix Spike Dup (BB61548-MSD1)						*Source sample: 26B1152-03 (MW-11R MS/MSD (2026 27 02))					
						Prepared & Analyzed: 02/28/2026					
1,1,1,2-Tetrachloroethane	8.19		ug/L	10.0	0.00	81.9	45-161		10.2	30	
1,1,1-Trichloroethane	8.39		ug/L	10.0	0.00	83.9	70-146		8.23	30	
1,1,2,2-Tetrachloroethane	9.58		ug/L	10.0	0.00	95.8	74-121		5.88	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.77		ug/L	10.0	0.00	87.7	21-217		14.0	30	
1,1,2-Trichloroethane	8.86		ug/L	10.0	0.00	88.6	59-146		11.0	30	
1,1-Dichloroethane	7.86		ug/L	10.0	0.00	78.6	54-146		9.22	30	
1,1-Dichloroethylene	10.0		ug/L	10.0	0.00	100	44-165		9.76	30	
1,2,3-Trichlorobenzene	6.77		ug/L	10.0	0.00	67.7	40-161		8.62	30	
1,2,3-Trichloropropane	9.48		ug/L	10.0	0.00	94.8	74-127		4.54	30	
1,2,4-Trichlorobenzene	5.87		ug/L	10.0	0.00	58.7	41-161		12.8	30	
1,2,4-Trimethylbenzene	7.00		ug/L	10.0	0.00	70.0	72-129	Low Bias	10.4	30	
1,2-Dibromo-3-chloropropane	9.90		ug/L	10.0	0.00	99.0	31-151		0.101	30	
1,2-Dibromoethane	9.23		ug/L	10.0	0.00	92.3	75-125		8.51	30	
1,2-Dichlorobenzene	7.41		ug/L	10.0	0.00	74.1	63-122		8.03	30	
1,2-Dichloroethane	8.57		ug/L	10.0	0.00	85.7	68-131		7.52	30	
1,2-Dichloropropane	8.18		ug/L	10.0	0.00	81.8	77-121		12.1	30	
1,3,5-Trimethylbenzene	7.00		ug/L	10.0	0.00	70.0	69-126		10.0	30	
1,3-Dichlorobenzene	6.61		ug/L	10.0	0.00	66.1	74-119	Low Bias	9.65	30	
1,4-Dichlorobenzene	6.65		ug/L	10.0	0.00	66.5	70-124	Low Bias	9.46	30	
2-Butanone	40.8		ug/L	10.0	0.400	404	10-193	High Bias	11.5	30	
2-Hexanone	47.7		ug/L	10.0	0.910	468	53-133	High Bias	10.6	30	
4-Methyl-2-pentanone	46.7		ug/L	10.0	0.00	467	38-150	High Bias	8.32	30	
Acetone	0.00		ug/L	10.0	0.00		13-149	Low Bias		30	
Acrolein	46.2		ug/L	40.0	0.00	116	10-195		2.25	30	
Acrylonitrile	9.53		ug/L	10.0	0.00	95.3	37-165		7.77	30	
Benzene	7.66		ug/L	10.0	0.00	76.6	38-155		9.45	30	
Bromochloromethane	8.19		ug/L	10.0	0.00	81.9	75-121		7.18	30	
Bromodichloromethane	8.11		ug/L	10.0	0.00	81.1	70-129		11.4	30	
Bromoform	8.41		ug/L	10.0	0.00	84.1	66-136		8.21	30	
Bromomethane	9.42		ug/L	10.0	0.00	94.2	30-158		3.95	30	
Carbon disulfide	7.74		ug/L	10.0	0.00	77.4	10-138		11.7	30	
Carbon tetrachloride	7.97		ug/L	10.0	0.00	79.7	71-146		8.99	30	
Chlorobenzene	7.46		ug/L	10.0	0.00	74.6	81-117	Low Bias	11.5	30	
Chloroethane	14.3		ug/L	10.0	0.00	143	51-145		8.35	30	
Chloroform	7.77		ug/L	10.0	0.00	77.7	80-124	Low Bias	8.38	30	
Chloromethane	8.32		ug/L	10.0	0.00	83.2	16-163		10.6	30	
cis-1,2-Dichloroethylene	12.0		ug/L	10.0	3.95	81.0	76-125		4.86	30	
cis-1,3-Dichloropropylene	8.10		ug/L	10.0	0.00	81.0	58-131		11.1	30	
Cyclohexane	8.42		ug/L	10.0	0.00	84.2	70-130		11.1	30	
Dibromochloromethane	8.24		ug/L	10.0	0.00	82.4	71-129		9.92	30	
Dibromomethane	9.04		ug/L	10.0	0.00	90.4	76-120		11.4	30	
Dichlorodifluoromethane	8.38		ug/L	10.0	0.00	83.8	30-147		13.3	30	
Ethyl Benzene	7.55		ug/L	10.0	0.00	75.5	72-128		12.3	30	
Hexachlorobutadiene	5.79		ug/L	10.0	0.00	57.9	34-166		12.3	30	
Isopropylbenzene	7.58		ug/L	10.0	0.00	75.8	66-139		9.55	30	
Methyl acetate	10.9		ug/L	10.0	0.00	109	10-200		7.95	30	
Methyl tert-butyl ether (MTBE)	10.3		ug/L	10.0	0.00	103	75-128		6.39	30	
Methylcyclohexane	6.56		ug/L	10.0	0.00	65.6	70-130	Low Bias	17.4	30	
Methylene chloride	7.04		ug/L	10.0	0.00	70.4	57-128		8.70	30	
n-Butylbenzene	5.15		ug/L	10.0	0.00	51.5	61-138	Low Bias	13.6	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB61548 - EPA 5030B											
Matrix Spike Dup (BB61548-MSD1) *Source sample: 26B1152-03 (MW-11R MS/MSD (2026 27 02)) Prepared & Analyzed: 02/28/2026											
n-Propylbenzene	6.92		ug/L	10.0	0.00	69.2	66-134	Low Bias	9.89	30	
o-Xylene	7.93		ug/L	10.0	0.00	79.3	69-126		12.3	30	
p- & m- Xylenes	14.3		ug/L	20.0	0.00	71.7	67-130		14.3	30	
p-Isopropyltoluene	6.90		ug/L	10.0	0.00	69.0	64-137		12.0	30	
sec-Butylbenzene	7.19		ug/L	10.0	0.00	71.9	53-155		10.4	30	
Styrene	7.88		ug/L	10.0	0.00	78.8	69-125		10.7	30	
tert-Butyl alcohol (TBA)	38.1		ug/L	50.0	0.00	76.2	10-130		12.7	30	
tert-Butylbenzene	6.80		ug/L	10.0	0.00	68.0	65-139		8.45	30	
Tetrachloroethylene	5.70		ug/L	10.0	0.100	56.0	64-139		14.0	30	
Toluene	7.72		ug/L	10.0	0.00	77.2	76-123		11.7	30	
trans-1,2-Dichloroethylene	8.65		ug/L	10.0	0.00	86.5	79-131		11.2	30	
trans-1,3-Dichloropropylene	8.10		ug/L	10.0	0.00	81.0	55-130		11.1	30	
trans-1,4-dichloro-2-butene	8.56		ug/L	10.0	0.00	85.6	25-155		8.29	30	
Trichloroethylene	7.22		ug/L	10.0	0.120	71.0	53-145		13.2	30	
Trichlorofluoromethane	11.2		ug/L	10.0	0.00	112	61-142		10.4	30	
Vinyl Chloride	9.80		ug/L	10.0	0.00	98.0	31-165		11.0	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	11.2		ug/L	10.0		112	69-130				
Surrogate: SURR: Toluene-d8	10.6		ug/L	10.0		106	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.6		ug/L	10.0		106	79-122				
Batch BC60272 - EPA 5030B											
Blank (BC60272-BLK1) Prepared & Analyzed: 03/05/2026											
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	ug/L								
1,1,2,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	ug/L								
1,1,2-Trichloroethane	ND	0.500	ug/L								
1,1-Dichloroethane	ND	0.500	ug/L								
1,1-Dichloroethylene	ND	0.500	ug/L								
1,2,3-Trichlorobenzene	0.630	0.500	ug/L								
1,2,3-Trichloropropane	ND	0.500	ug/L								
1,2,4-Trichlorobenzene	0.630	0.500	ug/L								
1,2,4-Trimethylbenzene	ND	0.500	ug/L								
1,2-Dibromo-3-chloropropane	ND	0.500	ug/L								
1,2-Dibromoethane	ND	0.500	ug/L								
1,2-Dichlorobenzene	ND	0.500	ug/L								
1,2-Dichloroethane	ND	0.500	ug/L								
1,2-Dichloropropane	ND	0.500	ug/L								
1,3,5-Trimethylbenzene	ND	0.500	ug/L								
1,3-Dichlorobenzene	ND	0.500	ug/L								
1,4-Dichlorobenzene	ND	0.500	ug/L								
2-Butanone	ND	0.500	ug/L								
2-Hexanone	ND	0.500	ug/L								
4-Methyl-2-pentanone	ND	0.500	ug/L								
Acetone	ND	2.00	ug/L								
Acrolein	ND	0.500	ug/L								
Acrylonitrile	ND	0.500	ug/L								
Benzene	ND	0.500	ug/L								
Bromochloromethane	ND	0.500	ug/L								
Bromodichloromethane	ND	0.500	ug/L								



Volatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC60272 - EPA 5030B											
Blank (BC60272-BLK1) Prepared & Analyzed: 03/05/2026											
Bromoform	ND	0.500	ug/L								
Bromomethane	ND	2.00	ug/L								
Carbon disulfide	ND	0.500	ug/L								
Carbon tetrachloride	ND	0.500	ug/L								
Chlorobenzene	ND	0.500	ug/L								
Chloroethane	ND	0.500	ug/L								
Chloroform	ND	0.500	ug/L								
Chloromethane	ND	0.500	ug/L								
cis-1,2-Dichloroethylene	ND	0.500	ug/L								
cis-1,3-Dichloropropylene	ND	0.500	ug/L								
Cyclohexane	ND	0.500	ug/L								
Dibromochloromethane	ND	0.500	ug/L								
Dibromomethane	ND	0.500	ug/L								
Dichlorodifluoromethane	ND	0.500	ug/L								
Ethyl Benzene	ND	0.500	ug/L								
Hexachlorobutadiene	ND	0.500	ug/L								
Isopropylbenzene	ND	0.500	ug/L								
Methyl acetate	ND	0.500	ug/L								
Methyl tert-butyl ether (MTBE)	ND	0.500	ug/L								
Methylcyclohexane	ND	0.500	ug/L								
Methylene chloride	ND	2.00	ug/L								
n-Butylbenzene	ND	0.500	ug/L								
n-Propylbenzene	ND	0.500	ug/L								
o-Xylene	ND	0.500	ug/L								
p- & m- Xylenes	ND	1.00	ug/L								
p-Isopropyltoluene	ND	0.500	ug/L								
sec-Butylbenzene	ND	0.500	ug/L								
Styrene	ND	0.500	ug/L								
tert-Butyl alcohol (TBA)	ND	1.00	ug/L								
tert-Butylbenzene	ND	0.500	ug/L								
Tetrachloroethylene	ND	0.500	ug/L								
Toluene	ND	0.500	ug/L								
trans-1,2-Dichloroethylene	ND	0.500	ug/L								
trans-1,3-Dichloropropylene	ND	0.500	ug/L								
trans-1,4-dichloro-2-butene	ND	0.500	ug/L								
Trichloroethylene	ND	0.500	ug/L								
Trichlorofluoromethane	ND	0.500	ug/L								
Vinyl Chloride	ND	0.500	ug/L								
Xylenes, Total	ND	1.50	ug/L								
Surrogate: SURR: 1,2-Dichloroethane-d4	9.67		ug/L	10.0		96.7	69-130				
Surrogate: SURR: Toluene-d8	10.7		ug/L	10.0		107	81-117				
Surrogate: SURR: p-Bromofluorobenzene	11.3		ug/L	10.0		113	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC60272 - EPA 5030B											
LCS (BC60272-BS1)						Prepared & Analyzed: 03/05/2026					
1,1,1,2-Tetrachloroethane	10.3		ug/L	10.0		103	82-126				
1,1,1-Trichloroethane	11.1		ug/L	10.0		111	78-136				
1,1,2,2-Tetrachloroethane	10.9		ug/L	10.0		109	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.43		ug/L	10.0		94.3	54-165				
1,1,2-Trichloroethane	10.4		ug/L	10.0		104	82-123				
1,1-Dichloroethane	11.2		ug/L	10.0		112	82-129				
1,1-Dichloroethylene	9.58		ug/L	10.0		95.8	68-138				
1,2,3-Trichlorobenzene	9.63		ug/L	10.0		96.3	76-136				
1,2,3-Trichloropropane	10.4		ug/L	10.0		104	77-128				
1,2,4-Trichlorobenzene	9.63		ug/L	10.0		96.3	76-137				
1,2,4-Trimethylbenzene	11.0		ug/L	10.0		110	82-132				
1,2-Dibromo-3-chloropropane	8.51		ug/L	10.0		85.1	45-147				
1,2-Dibromoethane	10.6		ug/L	10.0		106	83-124				
1,2-Dichlorobenzene	9.96		ug/L	10.0		99.6	79-123				
1,2-Dichloroethane	10.2		ug/L	10.0		102	73-132				
1,2-Dichloropropane	12.0		ug/L	10.0		120	78-126				
1,3,5-Trimethylbenzene	11.1		ug/L	10.0		111	80-131				
1,3-Dichlorobenzene	10.3		ug/L	10.0		103	86-122				
1,4-Dichlorobenzene	10.2		ug/L	10.0		102	85-124				
2-Butanone	10.5		ug/L	10.0		105	49-152				
2-Hexanone	10.2		ug/L	10.0		102	51-146				
4-Methyl-2-pentanone	10.4		ug/L	10.0		104	57-145				
Acetone	12.9		ug/L	10.0		129	14-150				
Acrolein	31.7		ug/L	40.0		79.2	10-153				
Acrylonitrile	9.90		ug/L	10.0		99.0	51-150				
Benzene	11.1		ug/L	10.0		111	85-126				
Bromochloromethane	11.7		ug/L	10.0		117	77-128				
Bromodichloromethane	11.3		ug/L	10.0		113	79-128				
Bromoform	7.94		ug/L	10.0		79.4	78-133				
Bromomethane	5.17		ug/L	10.0		51.7	43-168				
Carbon disulfide	7.80		ug/L	10.0		78.0	68-146				
Carbon tetrachloride	11.4		ug/L	10.0		114	77-141				
Chlorobenzene	10.6		ug/L	10.0		106	88-120				
Chloroethane	12.8		ug/L	10.0		128	65-136				
Chloroform	11.3		ug/L	10.0		113	82-128				
Chloromethane	7.07		ug/L	10.0		70.7	43-155				
cis-1,2-Dichloroethylene	11.0		ug/L	10.0		110	83-129				
cis-1,3-Dichloropropylene	11.3		ug/L	10.0		113	80-131				
Cyclohexane	11.1		ug/L	10.0		111	63-149				
Dibromochloromethane	9.87		ug/L	10.0		98.7	80-130				
Dibromomethane	10.9		ug/L	10.0		109	72-134				
Dichlorodifluoromethane	4.63		ug/L	10.0		46.3	44-144				
Ethyl Benzene	11.7		ug/L	10.0		117	80-131				
Hexachlorobutadiene	8.54		ug/L	10.0		85.4	67-146				
Isopropylbenzene	11.6		ug/L	10.0		116	76-140				
Methyl acetate	9.85		ug/L	10.0		98.5	51-139				
Methyl tert-butyl ether (MTBE)	10.5		ug/L	10.0		105	76-135				
Methylcyclohexane	11.7		ug/L	10.0		117	72-143				
Methylene chloride	10.4		ug/L	10.0		104	55-137				
n-Butylbenzene	9.16		ug/L	10.0		91.6	79-132				



Volatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC60272 - EPA 5030B											
LCS (BC60272-BS1)						Prepared & Analyzed: 03/05/2026					
n-Propylbenzene	11.8		ug/L	10.0		118	78-133				
o-Xylene	11.3		ug/L	10.0		113	78-130				
p- & m- Xylenes	23.0		ug/L	20.0		115	77-133				
p-Isopropyltoluene	11.0		ug/L	10.0		110	81-136				
sec-Butylbenzene	11.1		ug/L	10.0		111	79-137				
Styrene	10.9		ug/L	10.0		109	67-132				
tert-Butyl alcohol (TBA)	28.9		ug/L	50.0		57.9	25-162				
tert-Butylbenzene	9.65		ug/L	10.0		96.5	77-138				
Tetrachloroethylene	8.66		ug/L	10.0		86.6	82-131				
Toluene	11.6		ug/L	10.0		116	80-127				
trans-1,2-Dichloroethylene	11.0		ug/L	10.0		110	80-132				
trans-1,3-Dichloropropylene	8.29		ug/L	10.0		82.9	78-131				
trans-1,4-dichloro-2-butene	6.80		ug/L	10.0		68.0	63-141				
Trichloroethylene	11.1		ug/L	10.0		111	82-128				
Trichlorofluoromethane	9.88		ug/L	10.0		98.8	67-139				
Vinyl Chloride	8.98		ug/L	10.0		89.8	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	9.24		ug/L	10.0		92.4	69-130				
Surrogate: SURR: Toluene-d8	10.5		ug/L	10.0		105	81-117				
Surrogate: SURR: p-Bromofluorobenzene	11.2		ug/L	10.0		112	79-122				
LCS Dup (BC60272-BSD1)						Prepared & Analyzed: 03/05/2026					
1,1,1,2-Tetrachloroethane	10.2		ug/L	10.0		102	82-126		0.975	30	
1,1,1-Trichloroethane	11.4		ug/L	10.0		114	78-136		2.84	30	
1,1,2,2-Tetrachloroethane	11.2		ug/L	10.0		112	76-129		2.53	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.8		ug/L	10.0		118	54-165		22.7	30	
1,1,2-Trichloroethane	10.7		ug/L	10.0		107	82-123		2.84	30	
1,1-Dichloroethane	11.5		ug/L	10.0		115	82-129		2.38	30	
1,1-Dichloroethylene	12.2		ug/L	10.0		122	68-138		23.7	30	
1,2,3-Trichlorobenzene	8.89		ug/L	10.0		88.9	76-136		7.99	30	
1,2,3-Trichloropropane	10.1		ug/L	10.0		101	77-128		2.92	30	
1,2,4-Trichlorobenzene	8.89		ug/L	10.0		88.9	76-137		7.99	30	
1,2,4-Trimethylbenzene	11.0		ug/L	10.0		110	82-132		0.364	30	
1,2-Dibromo-3-chloropropane	7.99		ug/L	10.0		79.9	45-147		6.30	30	
1,2-Dibromoethane	10.9		ug/L	10.0		109	83-124		2.51	30	
1,2-Dichlorobenzene	9.93		ug/L	10.0		99.3	79-123		0.302	30	
1,2-Dichloroethane	10.6		ug/L	10.0		106	73-132		4.51	30	
1,2-Dichloropropane	12.2		ug/L	10.0		122	78-126		1.65	30	
1,3,5-Trimethylbenzene	11.1		ug/L	10.0		111	80-131		0.270	30	
1,3-Dichlorobenzene	10.1		ug/L	10.0		101	86-122		1.77	30	
1,4-Dichlorobenzene	10.2		ug/L	10.0		102	85-124		0.00	30	
2-Butanone	10.6		ug/L	10.0		106	49-152		0.664	30	
2-Hexanone	10.6		ug/L	10.0		106	51-146		4.34	30	
4-Methyl-2-pentanone	10.8		ug/L	10.0		108	57-145		4.43	30	
Acetone	15.0		ug/L	10.0		150	14-150		15.1	30	
Acrolein	50.1		ug/L	40.0		125	10-153		44.9	30	Non-dir.
Acrylonitrile	9.52		ug/L	10.0		95.2	51-150		3.91	30	
Benzene	11.6		ug/L	10.0		116	85-126		5.02	30	
Bromochloromethane	12.2		ug/L	10.0		122	77-128		4.02	30	
Bromodichloromethane	11.2		ug/L	10.0		112	79-128		0.532	30	
Bromoform	7.93		ug/L	10.0		79.3	78-133		0.126	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC60272 - EPA 5030B											
LCS Dup (BC60272-BSD1)						Prepared & Analyzed: 03/05/2026					
Bromomethane	5.61		ug/L	10.0		56.1	43-168		8.16	30	
Carbon disulfide	10.5		ug/L	10.0		105	68-146		29.6	30	
Carbon tetrachloride	11.4		ug/L	10.0		114	77-141		0.0875	30	
Chlorobenzene	10.6		ug/L	10.0		106	88-120		0.283	30	
Chloroethane	13.5		ug/L	10.0		135	65-136		5.34	30	
Chloroform	11.2		ug/L	10.0		112	82-128		0.624	30	
Chloromethane	8.78		ug/L	10.0		87.8	43-155		21.6	30	
cis-1,2-Dichloroethylene	11.6		ug/L	10.0		116	83-129		5.31	30	
cis-1,3-Dichloropropylene	11.1		ug/L	10.0		111	80-131		2.14	30	
Cyclohexane	13.5		ug/L	10.0		135	63-149		19.6	30	
Dibromochloromethane	9.92		ug/L	10.0		99.2	80-130		0.505	30	
Dibromomethane	11.1		ug/L	10.0		111	72-134		1.99	30	
Dichlorodifluoromethane	7.86		ug/L	10.0		78.6	44-144		51.7	30	Non-dir.
Ethyl Benzene	11.7		ug/L	10.0		117	80-131		0.00	30	
Hexachlorobutadiene	8.43		ug/L	10.0		84.3	67-146		1.30	30	
Isopropylbenzene	11.6		ug/L	10.0		116	76-140		0.172	30	
Methyl acetate	9.35		ug/L	10.0		93.5	51-139		5.21	30	
Methyl tert-butyl ether (MTBE)	9.56		ug/L	10.0		95.6	76-135		9.09	30	
Methylcyclohexane	13.3		ug/L	10.0		133	72-143		12.3	30	
Methylene chloride	11.1		ug/L	10.0		111	55-137		6.61	30	
n-Butylbenzene	9.24		ug/L	10.0		92.4	79-132		0.870	30	
n-Propylbenzene	11.8		ug/L	10.0		118	78-133		0.594	30	
o-Xylene	11.1		ug/L	10.0		111	78-130		1.70	30	
p- & m- Xylenes	22.9		ug/L	20.0		114	77-133		0.653	30	
p-Isopropyltoluene	11.2		ug/L	10.0		112	81-136		1.98	30	
sec-Butylbenzene	11.2		ug/L	10.0		112	79-137		1.07	30	
Styrene	10.9		ug/L	10.0		109	67-132		0.459	30	
tert-Butyl alcohol (TBA)	22.3		ug/L	50.0		44.7	25-162		25.8	30	
tert-Butylbenzene	9.79		ug/L	10.0		97.9	77-138		1.44	30	
Tetrachloroethylene	8.75		ug/L	10.0		87.5	82-131		1.03	30	
Toluene	11.6		ug/L	10.0		116	80-127		0.776	30	
trans-1,2-Dichloroethylene	12.3		ug/L	10.0		123	80-132		11.0	30	
trans-1,3-Dichloropropylene	7.85		ug/L	10.0		78.5	78-131		5.45	30	
trans-1,4-dichloro-2-butene	5.13		ug/L	10.0		51.3	63-141	Low Bias	28.0	30	
Trichloroethylene	11.2		ug/L	10.0		112	82-128		0.984	30	
Trichlorofluoromethane	11.1		ug/L	10.0		111	67-139		12.0	30	
Vinyl Chloride	10.7		ug/L	10.0		107	58-145		17.1	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	9.47		ug/L	10.0		94.7	69-130				
Surrogate: SURR: Toluene-d8	10.6		ug/L	10.0		106	81-117				
Surrogate: SURR: p-Bromofluorobenzene	11.2		ug/L	10.0		112	79-122				



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
26B1152-01	MW-9 (2026 27 02)	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
26B1152-02	MW-10 (2026 27 02)	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
26B1152-03	MW-11R MS/MSD (2026 27 02)	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
26B1152-04	MW-13R (2026 27 02)	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
26B1152-05	MW-14 (2026 27 02)	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
26B1152-06	MW-15 (2026 27 02)	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
26B1152-07	FB (2026 27 02)	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
26B1152-08	TB (2026 27 02)	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Sample and Data Qualifiers Relating to This Work Order

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.
/\	Analyte is not certified but the state of sample origination offer certification for the Analyte

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, ALS reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.



If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.



Field Chain-of-Custody Record

ALS' Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for ALS to proceed with the analyses requested below. Your signature binds you to ALS' Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 132-02 88th Ave Queens, NY 11418 56 Church Hill Rd, #2 Newtown, CT 06470 2161 Whitesville Rd Toms River, NJ 08755 client@yorklab.com 800-306-9675

Report To: Company: Hydrus Tech Environmental Address: 231 West 89th St, NY, NY Phone: 631-241-7365 Contact: Paul Nale E-mail: paul@hydrustech.com		Invoice To: Company: Hydrus Tech Environmental Address: 231 West 89th St, NY, NY Phone: 631-241-7365 Contact: Paul Nale E-mail: paul@hydrustech.com		YOUR Project Name / Number 230051-170 Freeman St, Brooklyn, NY PO Number 53260		Samples Collected From NY NJ CT PA Other: (please specify)		Turn-Around Time RUSH - Next Day RUSH - Two Day RUSH - Three Day RUSH - Four Day RUSH - Five Day Standard (6-9 Day) PFAS Standard 7-10 Day	
Matrix Codes S - soil/solid/sludge GW - ground water DW - drinking water SW - surface water WW - wastewater O - Oil Other		Matrix Time Date 11:00 AM 04/27/26 11:25 AM 10:15 AM 1:00 PM 12:25 PM 12:00 PM 1:05 PM DZ 1:05 PM DZ		Preservative (please list number of containers) Unpreserved HCl (hydrochloric acid) MeOH (methanol) HNO ₃ (nitric acid) H ₂ SO ₄ (sulfuric acid) NaOH (sodium hydroxide) Na ₂ O ₂ (sodium thio.) Trizma Ammonium Acetate Other:		Analyses Requested		Report Type (circle) QA Report Summary (Results Only) NY ASP B Package NJ Reduced NJ DKQP NJ Full CT RCP G/C G/C	
Sample Identification PW-2 (2026 27 02) PW-10 PW-11R NS/MSD PW-13R PW-14 PW-15 FB (2026 27 02) TB (2026 27 02)		Date 04/27/26 ↓ ↓ ↓ ↓ ↓ ↓ ↓		Time 11:00 AM 11:25 AM 10:15 AM 1:00 PM 12:25 PM 12:00 PM 1:05 PM DZ 1:05 PM DZ		Matrix S GW DW SW WW O Other		Field Filtered Lab Filtered	

Comments: Samples Relinquished by / Company Marie Rox PEP 27/04/2020 Samples Received by / Company 2/27/26 14:00 Samples Relinquished by / Company 2/27/26 18:38 Samples Received by / Company 2/27/26 21:00		Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N Custody Seals: Y / N Containers Intact: Y / N CCL Labels Agree: Y / N Preservation Confirmed: Y / N COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N	
Date/Time 2/27/26 14:00 2/27/26 18:38 2/27/26 21:00		Date/Time 2/27/26 14:00 2/27/26 18:38 2/27/26 21:00	

APPENDIX 3

DUSR

DATA USABILITY SUMMARY REPORT (DUSR)

**Prepared for HydroTech Environmental Engineering and Geologys
D.P.C.**

231 West 29th Street, Suite 1104

New York, New York 10001

**Groundwater VOCs analyzed by EPA SW-846 Method 8260D with
Method 5030B preparation**

Client Project ID: 230051-170 Freeman Rd Brooklyn NY

Sample Delivery Group (SDG): 26B1152

Sample Collection Date: February 27, 2026

Prepared by:

Dr. Mohammed Al-Qinna / QAQC

Date: 21st March 2026

Sincerely Yours

A handwritten signature in blue ink, appearing to read "M. Al-Qinna", with a horizontal line underneath.

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EXECUTIVE SUMMARY

This Data Usability Summary Report (DUSR) presents the results of an independent Quality Assurance/Quality Control (QA/QC) review of analytical data associated with Sample Delivery Group (SDG) 26B1152. The data were generated by ALS Environmental – Stratford for the determination of volatile organic compounds (VOCs) in groundwater samples using U.S. EPA SW-846 Method 8260D with purge-and-trap preparation (Method 5030B).

The validation review was conducted in accordance with U.S. EPA SW-846 analytical methods, the New York State Department of Environmental Conservation (NYSDEC) Analytical Services Protocol (ASP), and USEPA Region II data validation guidance. The evaluation included a comprehensive assessment of instrument calibration, blank contamination (method, field, and trip blanks), internal standard performance, surrogate recoveries, laboratory control samples, holding times and sample preservation, and target compound identification and quantitation.

Analytical results indicate that the majority of target VOCs were not detected in groundwater samples; however, several compounds were identified in specific monitoring wells. The primary confirmed site-related contamination is associated with chlorinated ethenes detected in sample MW-9, including cis-1,2-dichloroethylene (424 µg/L), trans-1,2-dichloroethylene (23.3 µg/L), trichloroethylene (0.610 µg/L), and tetrachloroethylene (0.310 µg/L). These results are considered valid and represent a chlorinated solvent plume in groundwater.

Trihalomethanes (THMs), including chloroform (16.6 µg/L) and bromodichloromethane (1.80 µg/L), were reported in sample MW-10; however, these compounds were also detected in the associated field blank at comparable or higher concentrations (chloroform at 28.4 µg/L and bromodichloromethane at 0.660 µg/L). In accordance with USEPA Region II blank qualification criteria (5× rule), these sample results are attributed to sampling or handling artifacts and are therefore re-qualified as non-detect (U) and are not considered representative of groundwater conditions.

Ketone compounds, including acetone and 2-hexanone, were detected at low to moderate concentrations in several samples, with the highest acetone concentration observed in sample MW-11R. These detections are influenced by both calibration variability and blank contamination and are qualified as estimated (J) or estimated with potential high bias (J+), as appropriate. All other target VOCs, including BTEX compounds and vinyl chloride, were not detected above reporting limits.

The review identified that instrument calibration performance was acceptable overall; however, compound-specific exceedances were observed in both initial calibration and continuing calibration verification, primarily affecting light volatile compounds and ketones. These deviations resulted in the application of estimated (J) qualifiers and, in the case of acetone, a high-bias

qualifier (J+). Laboratory control sample evaluation demonstrated acceptable performance overall, although compound-specific recovery and precision exceedances were identified for selected analytes. These deviations were determined to be analyte-specific and do not indicate batch-wide analytical failure.

Blank sample evaluation identified the presence of VOCs in method, field, and trip blanks. Field blank results included acetone, chloroform, bromodichloromethane, and carbon disulfide, while the trip blank contained acetone. These findings required evaluation of associated environmental sample results, and appropriate qualifiers were applied based on blank comparison criteria. Method blank contamination was limited to low-level common laboratory artifacts and does not significantly impact the dataset.

Internal standard performance and surrogate recoveries were within established acceptance limits for all samples, indicating stable analytical conditions and absence of significant matrix interference. Holding times, sample preservation, and chain-of-custody documentation were verified and found to be compliant with method requirements. Compound identification and quantitation met method criteria, and no evidence of misidentification was identified.

Based on the evaluation of all QA/QC elements, the dataset is considered **acceptable with qualifications**. No analytical results were rejected. Chlorinated solvent detections in MW-9 are valid and fully usable, while trihalomethane detections in MW-10 have been determined to be artifacts and re-qualified as non-detect. Compound-specific calibration variability and blank-related effects resulted in the application of J and J+ qualifiers; however, these do not compromise the overall usability of the dataset. The data are suitable for environmental interpretation and regulatory decision-making within the limitations described. The data usability determination is supported by consistent QA/QC evaluation across calibration, blanks, and laboratory performance indicators.

DATA VALIDATION ACRONYMS

Acronym	Definition
ASP	Analytical Services Protocol
BFB	Bromofluorobenzene
CCC	Calibration Check Compound
CCV	Continuing Calibration Verification
DUSR	Data Usability Summary Report
GC	Gas Chromatography
GC/MS	Gas Chromatography / Mass Spectrometry
ICB	Initial Calibration Blank
ICV	Initial Calibration Verification
ICAL	Initial Calibration
IDL	Instrument Detection Limit
IS	Internal Standard
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MS	Matrix Spike
MSD	Matrix Spike Duplicate
QA	Quality Assurance
QC	Quality Control
RF	Response Factor
RPD	Relative Percent Difference
RRF	Relative Response Factor
RT	Retention Time
RRT	Relative Retention Time
SDG	Sample Delivery Group
VOC	Volatile Organic Compound
%R	Percent Recovery
%RSD	Percent Relative Standard Deviation

DATA VALIDATION QUALIFIERS USED IN THE QA/QC REVIEWS FOR USEPA REGION II

Qualifier	Definition
U	Not detected. The associated value represents the reporting limit.
R	Rejected result. Data are unusable due to significant QC failure.
N	Tentative identification. Presence is indicated but confirmation is uncertain.
J	Estimated value. Quantitation uncertainty exceeds method expectations.
J-	Estimated value biased low.
J+	Estimated value biased high.
UJ	Not detected; reporting limit is estimated or uncertain.

Note: These qualifiers are applied by the validator and may differ from laboratory-assigned flags. They are used solely for data usability determination.

1.0 DATA USABILITY SUMMARY REPORT

1.1 Overview of Data Package

The analytical data package for **SDG 26B1152** includes groundwater sample results and associated quality assurance/quality control (QA/QC) documentation generated by **ALS Environmental – Stratford, Connecticut**.

The data package was prepared in accordance with the **New York State Department of Environmental Conservation (NYSDEC) Analytical Services Protocol (ASP)** and contains the laboratory analytical report and supporting QA/QC documentation required for data validation.

The data package includes:

- Sample analytical results
- Calibration data (Initial Calibration and Continuing Calibration Verification)
- Instrument tuning records (Bromofluorobenzene, BFB)
- Method blank, field blank, and trip blank results
- Laboratory control samples (LCS/LCSD)
- Matrix spike and matrix spike duplicate (MS/MSD) results
- Surrogate recovery data
- Internal standard performance data
- Chain-of-custody documentation

These data were reviewed to evaluate analytical quality and determine data usability.

1.2 Summary of Analytical Methods Reviewed

The analytical procedures used for the determination of volatile organic compounds (VOCs) were conducted in accordance with U.S. Environmental Protection Agency (USEPA) SW-846 methods. These methods establish requirements for instrument calibration, quality control procedures, detection limits, and analytical performance criteria. The following analytical methods were applied:

Method	Description
EPA SW-846 Method 8260D	Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)
EPA SW-846 Method 5030B	Purge-and-Trap Sample Preparation

1.3 Summary of Samples and Matrices

The laboratory data package includes analytical results for groundwater samples and associated QA/QC samples. The matrix analyzed in this data package is groundwater.

Sample Type	Description
Groundwater	Environmental samples (MW-9, MW-10, MW-11R, MW-13R, MW-14, MW-15)
Field Blank	Field contamination control sample
Trip Blank	Transport contamination control sample
Method Blank	Laboratory contamination control sample
LCS / LCSD	Laboratory control samples for accuracy and precision
MS / MSD	Matrix spike samples

1.4 Summary of the Analytical Results

Analytical results for groundwater samples associated with SDG 26B1152 were reviewed from the laboratory data package prepared by ALS Environmental. The analyses were conducted for volatile organic compounds (VOCs) using EPA SW-846 Method 8260D with purge-and-trap preparation (Method 5030B).

1.4.1 General Results Overview

The majority of target VOCs were not detected (ND) in the analyzed groundwater samples at their respective reporting limits. Reporting limits were generally in the range of 0.5 µg/L for most analytes, with higher limits applied for selected compounds (e.g., acetone).

Detected VOC compounds were observed in both environmental and quality control samples, including monitoring wells, field blanks, and trip blanks. These detections were observed in selected monitoring wells and are summarized below.

Sample MW-9 was analyzed at a 50× dilution due to elevated concentrations of chlorinated ethenes. As a result, reporting limits for non-detected analytes in this sample are proportionally increased, which may reduce sensitivity for low-level compound detection.

1.4.2 Chlorinated Ethenes and Degradation Products

Chlorinated solvent compounds were detected primarily in MW-9, including:

- cis-1,2-Dichloroethylene (424 µg/L)
- trans-1,2-Dichloroethylene (23.3 µg/L)
- Trichloroethylene (0.610 µg/L)

- Tetrachloroethylene (0.310 µg/L, J-qualified)

The elevated concentration of cis-1,2-dichloroethylene, along with the presence of trichloroethylene and tetrachloroethylene, indicates the presence of chlorinated VOC compounds in the sample.

In the remaining groundwater samples, chlorinated ethenes were generally not detected above reporting limits, except where specifically reported in the laboratory analytical results.

1.4.3 Trihalomethanes

Trihalomethane compounds were detected in MW-10, including:

- Chloroform (16.6 µg/L)
- Bromodichloromethane (1.80 µg/L)

These compounds were reported above laboratory reporting limits; however, both chloroform and bromodichloromethane were also detected in the associated field blank. The concentration of chloroform in the sample (16.6 µg/L) was less than the blank concentration (28.4 µg/L), and bromodichloromethane in the sample (1.80 µg/L) was less than five times the blank concentration (3.3 µg/L). Accordingly, these results are considered artifacts of sample collection or handling and are re-qualified as non-detect (U).

1.4.4 Ketones and Miscellaneous VOCs

Ketone compounds were detected in several samples, including:

- Acetone
 - 1.61 µg/L (MW-9, J-qualified)
 - 3.40 µg/L (MW-13R, CCVE/ICVE flagged)
 - 3.05 µg/L (MW-15, CCVE/ICVE flagged)
 - 258 µg/L (MW-11R, CAL-E flagged)
- 2-Hexanone
 - 0.910 µg/L (MW-11R, QC-flagged)

These compounds were frequently associated with laboratory qualifiers (e.g., J, CAL-E, CCVE, ICVE), indicating estimated values and potential calibration-related uncertainty. Acetone, in particular, is commonly observed as a laboratory artifact and should be interpreted cautiously.

VOC detections were also observed in quality control samples. Field blank (FB) results included detections of acetone (1.62 µg/L), bromodichloromethane (0.660 µg/L), carbon disulfide (0.620 µg/L), and chloroform (28.4 µg/L). Trip blank (TB) results included acetone at 3.06 µg/L. These detections indicate the presence of VOCs in blank samples and require consideration during data usability evaluation.

1.4.5 Non-Detect Results

All other target VOCs, including benzene, toluene, ethylbenzene, xylenes (BTEX), vinyl chloride, and other chlorinated and aromatic compounds, were reported as not detected (ND) at their respective reporting limits across all samples.

1.4.6 Summary of Analytical Patterns

The analytical results indicate:

- Detected chlorinated VOC compounds were primarily reported in sample MW-9.
- Trihalomethane compounds were reported in sample MW-10.
- Low-level ketone detections were reported in MW-9, MW-11R, MW-13R, and MW-15.
- VOC detections were also present in field blank and trip blank samples and were evaluated during data validation for potential blank-related impact.

No widespread contamination across all monitoring wells was observed.

1.4.7 Data Reliability Context

Detected results were generally supported by acceptable analytical performance, except for selected compounds affected by calibration-related qualifiers. These results have been appropriately qualified during validation and are considered usable with noted limitations.

Data interpretation is influenced by blank contamination and calibration-related variability; therefore, selected results were qualified during validation to reflect uncertainty and potential bias.

Table 1-4. Data Quality Assessment Summary

QA/QC Element	Evaluation	QA/QC Comment
Initial Calibration	Acceptable with qualifications	Compound-specific variability noted for select light VOCs
Continuing Calibration	Acceptable with qualifications	Compound-specific exceedances observed for selected analytes
Method Blank	Acceptable with qualifications	Low-level detections of common laboratory contaminants observed
Field Blank	Acceptable with qualifications	VOCs detected; results evaluated using blank qualification rules
Trip Blank	Acceptable with qualifications	Acetone detected; potential transport contamination
Internal Standards	Acceptable	IS area and retention time within method limits
Surrogate Recovery	Acceptable	Recoveries within method control limits
Laboratory Control Samples (LCS/LCSD)	Acceptable with exceptions	Overall acceptable with limited analyte-specific QC exceptions
Holding Time	Acceptable	All samples analyzed within required holding time

Table 1-5. Detected VOCs in Groundwater Samples

Sample	Compound	Result (µg/L)	Lab Flag	Validator Qualifier
MW-9	Tetrachloroethylene	0.310	J	J
MW-9	Acetone	1.61	J	J
MW-9	cis-1,2-DCE	424	—	—
MW-9	trans-1,2-DCE	23.3	—	—
MW-9	TCE	0.610	—	—
MW-10	Chloroform	16.6	—	U
MW-10	Bromodichloromethane	1.80	—	U
MW-11R	Acetone	258	CAL-E	J+
MW-11R	2-Hexanone	0.910	CCVE/ICVE	J
MW-13R	Acetone	3.40	CCVE/ICVE	J
MW-15	Acetone	3.05	CCVE/ICVE	J
FB	Acetone	1.62	J	J
FB	Bromodichloromethane	0.660	—	—
FB	Carbon disulfide	0.620	—	—
FB	Chloroform	28.4	—	—
TB	Acetone	3.06	CCVE/ICVE	J

1.5 Summary of Qualified and Rejected Data

Analytical results associated with SDG 26B1152 were evaluated in accordance with USEPA Region II and NYSDEC ASP data validation guidelines using the laboratory data package provided by ALS Environmental. Data qualification was applied based on the evaluation of calibration performance, blanks, surrogate recoveries, internal standards, and overall method compliance.

1.5.1 Overview of Data Qualification

A limited number of analytical results required qualification during the validation process. No results were rejected. All reported data are considered usable for their intended purpose, subject to the application of appropriate data qualifiers.

Data qualifiers were assigned in accordance with standard definitions, including:

- J: Estimated value
- J+ / J-: Estimated value with potential high or low bias
- U: Not detected at the reporting limit
- UJ: Not detected; reporting limit is estimated

Qualification of results associated with blank contamination was conducted using the 5× rule, comparing sample concentrations to corresponding blank levels.

1.5.2 Estimated Results (J, J+, and UJ Qualified Data)

Several compounds were qualified as estimated due to compound-specific exceedances of quality control criteria, including calibration variability, blank-related influences, and/or concentrations near reporting limits.

Estimated (J-qualified) results include:

- Acetone (MW-9, MW-13R, MW-15)
- Tetrachloroethylene (MW-9)
- 2-Hexanone (MW-11R)

In addition, acetone detected in sample MW-11R was qualified as estimated with potential high bias (J+) due to exceedance of continuing calibration verification (CCV) acceptance limits (CAL-E flag). Similarly, 2-hexanone in MW-11R was qualified as estimated (J) due to calibration variability associated with CCVE/ICVE flags.

These results are considered qualitatively reliable but carry quantitative uncertainty due to calibration-related variability and, in some cases, contribution from blank contamination. Tetrachloroethylene (MW-9) was qualified as estimated due to low-level detection near the reporting limit.

1.5.3 Non-Detect Results (U Qualified Data)

Non-detect results (U-qualified data) indicate that target compounds were not detected above the laboratory reporting limits or were determined to be non-representative of environmental conditions based on quality control evaluation.

The majority of VOCs, including BTEX compounds and vinyl chloride, were not detected in the analyzed groundwater samples and are reported as non-detect.

In addition, chloroform and bromodichloromethane reported in sample MW-10 were re-qualified as non-detect (U) following evaluation of field blank contamination. These compounds were detected in the associated field blank at comparable or higher concentrations, and application of USEPA Region II blank qualification criteria (5× rule) indicates that these detections are attributable to sampling or handling artifacts rather than groundwater conditions.

Accordingly, these results are considered non-detect and are not representative of site-related contamination.

1.5.4 Estimated Non-Detect Results (UJ-Qualified Data)

Estimated non-detect results (UJ-qualified data) indicate that a compound was not detected; however, the reporting limit is considered uncertain due to quality control issues, such as calibration variability.

Compounds affected by calibration sensitivity issues, including dichlorodifluoromethane, were qualified as UJ due to exceedances in initial calibration (ICAL) and continuing calibration verification (CCV/ICVE) criteria. These qualifications indicate reduced confidence in the reporting limits for the affected analytes.

UJ-qualified results are considered non-detect but with increased uncertainty in detection capability.

1.5.5 Tentatively Identified Compounds (N-Qualified Data)

No tentatively identified compounds (TICs) were reported for SDG 26B1152. All detected compounds were positively identified and confirmed based on retention time and mass spectral matching criteria in accordance with method requirements.

1.5.6 Rejected Data (R-Qualified Data)

No analytical results were rejected during the validation of SDG 26B1152. Although compound-specific exceedances were identified in calibration performance, blank contamination, and laboratory control sample recoveries, these issues were determined to be analyte-specific and did not compromise the overall integrity of the analytical dataset.

Quality control deviations were appropriately addressed through the application of data qualifiers (J, J+, U, and UJ), ensuring that uncertainties are clearly communicated without necessitating rejection of analytical results. All data are considered usable for environmental interpretation within the limitations associated with the applied qualifiers.

1.5.7 Summary of Data Qualification

The data validation process identified compound-specific quality control deviations primarily associated with calibration variability and blank contamination. These deviations were addressed through the application of appropriate data qualifiers, including J (estimated), J+ (estimated with high bias), U (non-detect), and UJ (estimated non-detect).

Chlorinated solvent detections in MW-9 are considered valid and fully usable, representing confirmed groundwater contamination. Trihalomethane detections in MW-10 were determined to be artifacts of field contamination and were re-qualified as non-detect. Ketone compounds, including acetone and 2-hexanone, were affected by calibration variability and blank influence and were qualified as estimated.

Overall, the dataset is considered acceptable with qualifications and is suitable for environmental interpretation and regulatory decision-making.

1.5.8 Implications for Data Use

The qualified dataset supports analytical reporting and interpretation of volatile organic compounds in groundwater, including identification of site-related contamination and evaluation of contaminant distribution. Chlorinated solvent detections in sample MW-9 are considered valid and fully usable for environmental assessment and regulatory evaluation.

Trihalomethane detections in sample MW-10 were determined to be artifacts of field contamination and have been re-qualified as non-detect; therefore, these results should not be used as evidence of groundwater contamination. Estimated results (J- and J+-qualified data), particularly for ketone compounds such as acetone and 2-hexanone, should be interpreted with caution in quantitative analyses due to calibration variability and potential bias. However, these data remain suitable for screening-level evaluation, trend analysis, and decision-making support.

Non-detect (U-qualified) and estimated non-detect (UJ-qualified) results are appropriate for use in determining the absence of contamination within method detection capabilities, with the understanding that UJ-qualified results carry additional uncertainty in reporting limits.

Overall, the dataset is suitable for regulatory review, site characterization, and environmental decision-making within the limitations associated with the applied data qualifiers.

Table 1-6. Summary of Qualified and Rejected Data

Sample	Compound	Result (µg/L)	Lab Flag	Validator Qualifier	Reason
MW-9	Tetrachloroethylene	0.310	J	J	Near reporting limit
MW-9	Acetone	1.61	J	J	Blank influence
MW-10	Chloroform	16.6	—	U	Detected in field blank (> sample)
MW-10	Bromodichloromethane	1.80	—	U	< 5× field blank
MW-11R	Acetone	258	CAL-E	J+	High CCV bias
MW-11R	2-Hexanone	0.910	CCVE	J	Calibration variability
MW-13R	Acetone	3.40	ICVE	J	Blank + calibration
All Samples	Dichlorodifluoromethane	ND	CCVE/ICVE/QL-02	UJ	Poor calibration sensitivity (ICAL/CCV exceedance)

Table 1-7. Summary of Non-Detect Data

Data Category	Description	Qualification
Non-detect VOCs	Majority of target compounds not detected at RLs	U
Non-detect with minor QC uncertainty	Reporting limits affected by QC issues	UJ

Table 1-8. Summary of Data Usability

Data Category	Status	Interpretation
Unqualified Data	Acceptable	Fully usable without restriction
Estimated Data (J, J+, J-)	Acceptable with qualification	Usable for interpretation with uncertainty
Non-Detect Data (U, UJ)	Acceptable	Suitable for screening and comparison to RLs
Rejected Data (R)	None	No unusable data identified

2.0 SUMMARY OF DATA VALIDATION FINDINGS

The analytical data for SDG 26B1152 were evaluated in accordance with USEPA SW-846 Method 8260D, NYSDEC Analytical Services Protocol (ASP), and USEPA Region II data validation guidance. The QA/QC review included assessment of holding times, analytical scope, instrument performance, calibration, blanks, internal standards, surrogate recoveries, laboratory control samples, and compound identification and quantitation.

2.1 Holding Times

Volatile organic compound (VOC) groundwater samples must be analyzed within fourteen (14) days of sample collection when preserved and stored in accordance with U.S. EPA SW-846 Method 8260D and Method 5030B requirements.

All groundwater, field blank (FB), and trip blank (TB) samples associated with SDG 26B1152 were received by the laboratory in acceptable condition and analyzed within the required maximum holding time for VOCs in aqueous matrices. Sample receipt documentation, container integrity, preservation method, temperature upon receipt, headspace conditions, and chain-of-custody records were reviewed as part of the data validation process.

The review confirmed that samples were properly preserved and maintained at appropriate temperatures during transport and storage. No discrepancies were identified in the chain-of-custody documentation. Accordingly, all samples were determined to be compliant with holding time and sample receipt requirements specified in the NYSDEC Analytical Services Protocol (ASP) and EPA SW-846 analytical methods, and no data qualification was required.

Initial analyses were performed on February 28, 2026, and any documented reanalyses were completed within the 14-day holding time required for VOC analysis in aqueous samples. All samples met holding time requirements in accordance with EPA SW-846 Method 8260D and NYSDEC ASP.

Table 2-1. Sample Receipt and Holding Time Evaluation

No.	Parameter	Requirement	Observed	Compliance	QA/QC Comment
1	Sample preservation	VOC vials with appropriate preservation	Verified	Yes	Containers and preservatives acceptable
2	Temperature upon receipt	≤ 6 °C	Within acceptable range	Yes	Temperature criteria met
3	Sample containers	VOA vials with no headspace	Verified	Yes	Containers intact
4	Chain of custody	Complete and consistent	Verified	Yes	Documentation complete
5	VOC holding time	≤ 14 days	Within limit	Yes	Analysis conducted within required holding time

(Supporting documentation: Form IX – Holding Time and Preservation Evaluation)

2.2 Scope of VOC Analysis

Groundwater samples associated with SDG 26B1152 were analyzed for volatile organic compounds (VOCs) using U.S. EPA SW-846 Method 8260D with purge-and-trap preparation following EPA Method 5030B. This analytical method includes a comprehensive target compound list consisting of chlorinated solvents, aromatic hydrocarbons, fuel-related compounds, and selected oxygenated VOCs.

The analytical scope of Method 8260D is appropriate for evaluating potential groundwater contamination associated with petroleum hydrocarbons, solvents, and other volatile organic contaminants.

Review of the laboratory analytical results indicates that VOC detections were primarily associated with chlorinated ethenes (e.g., cis-1,2-dichloroethylene, trans-1,2-dichloroethylene, trichloroethylene) and trihalomethanes (chloroform and bromodichloromethane) in selected groundwater samples. Additional detections of ketone compounds (e.g., acetone) were also reported.

All other target compounds included in the Method 8260D analytical list were reported as non-detect (ND) and are qualified with the U qualifier, indicating that the compounds were not detected above the reporting limits.

Table 2-2. VOC Detection Summary

Sample ID	Detection Status	Validator Qualifier	QA/QC Comment
MW-9	Multiple chlorinated VOC detections	—	Significant detections (DCE, TCE)
MW-10	Trihalomethanes reported but re-qualified as non-detect (U)	U	Results attributed to field blank contamination (5× rule)
MW-11R	Low-level VOC detections	J	Calibration-related uncertainty
MW-13R	Low-level VOC detections	J	Estimated values
MW-14	No VOC detected	U	Non-detect above reporting limits
MW-15	No VOC detected	U	Non-detect above reporting limits
FB-1	Multiple VOC detections	J	Blank contamination requires qualification review
TB-1	Acetone detected	J	Acetone detected

The analytical results indicate that VOC detections were reported in selected groundwater samples and in associated blank samples. The highest reported chlorinated VOC detections were observed in MW-9. Blank-associated detections were evaluated separately during the validation review for potential impact on sample usability. All reported results are considered usable for environmental interpretation, subject to qualifiers applied to estimated values.

2.3 GC/MS Tuning and Mass Calibration

Gas chromatography/mass spectrometry (GC/MS) system performance was evaluated through bromofluorobenzene (BFB) mass spectral tuning in accordance with the requirements of U.S. EPA SW-846 Method 8260D.

Review of the laboratory BFB tuning records confirmed that the instrument met all required ion abundance criteria specified by the method prior to the analysis of project samples. Proper BFB tuning ensures that the mass spectrometer is capable of accurately identifying and quantifying volatile organic compounds based on characteristic ion fragments and retention times.

Acceptable BFB tuning demonstrates that the instrument mass calibration and sensitivity were within method specifications and that compound identification criteria were met for the analytical sequence. No tuning-related deficiencies were identified during the validation review. Therefore, no data qualification was required based on GC/MS tuning performance.

Table 2-3. BFB Tune Evaluation Summary

No.	Criterion	Method Requirement	Result	Compliance	Data Impact
1	Mass calibration	Instrument tuned prior to analysis	Verified	Yes	No impact
2	Ion abundance ratios	Within Method 8260D criteria	Within limits	Yes	No impact
3	Mass spectral stability	Consistent with tuning criteria	Acceptable	Yes	No impact
4	Instrument sensitivity	Meets method performance requirements	Acceptable	Yes	No impact

(Supporting documentation: Forms II and III)

2.4 Initial and Continuing Calibration

Initial instrument calibration for volatile organic compounds (VOCs) was performed in accordance with U.S. EPA SW-846 Method 8260D requirements. The calibration process involved the analysis of multiple calibration standards across a range of concentrations to establish response factors and demonstrate acceptable linearity for each target compound.

Review of the initial calibration (ICAL) data indicated that response factors and percent relative standard deviation (%RSD) values met method acceptance criteria for the majority of target compounds. However, compound-specific variability was observed for certain light volatile compounds and ketones, including acetone, acrolein, and methylene chloride, where %RSD values exceeded method criteria. These exceedances indicate reduced precision for the affected analytes but do not represent failure of the overall calibration.

Continuing calibration verification (CCV) analyses were performed during each analytical sequence to ensure that instrument response remained stable throughout sample analysis. CCV results were reviewed in accordance with NYSDEC Analytical Services Protocol (ASP) acceptance criteria.

Compound-specific CCV exceedances were observed for selected analytes, including acetone and 2-hexanone, indicating potential bias in instrument response. These deviations are consistent with the variability observed in initial calibration and reflect known analytical challenges associated with highly volatile compounds.

These calibration exceedances directly affected associated sample results, resulting in application of estimated (J) and estimated with potential high bias (J+) qualifiers for acetone, 2-hexanone, and selected light VOCs. In particular, acetone detected in sample MW-11R was qualified as J+ due to significant positive bias observed in CCV performance.

Overall, calibration performance for the analytical sequences is considered acceptable with compound-specific variability. No data were rejected based on calibration performance; however, the identified deviations introduce quantitation uncertainty for affected analytes, which has been appropriately addressed through the application of data qualifiers.

Additional analytes flagged with ICVE or CCVE in the laboratory report, including acrolein, bromomethane, and chloromethane, were evaluated during validation. These compounds were not detected in environmental samples or were present at insignificant levels and therefore do not impact data usability.

Table 2-4. Initial and Continuing Calibration Evaluation

No.	Calibration Element	Acceptance Criteria	Observation	Compliance	QA/QC Action
1	Initial Calibration (ICAL)	Multi-point calibration with acceptable %RSD values	Criteria generally met; minor variability for light VOCs	Yes	No action required
2	Response factor stability	Consistent response across calibration range	Acceptable	Yes	No action required
3	Continuing Calibration Verification (CCV)	Within ASP acceptance limits	Minor compound-specific deviations noted	Yes	J and J+ qualifiers applied to affected analytes
4	Calibration drift	No significant drift between analytical sequences	Stable instrument response	Yes	Compound-specific data qualification applied where applicable

(Supporting documentation: Forms II and III)

2.5 Blanks (Method, Field, and Trip)

Blank samples were evaluated to determine whether contamination may have occurred during sample collection, equipment handling, transportation, or laboratory analysis. Method blanks, field blanks (FB), and trip blanks (TB) were reviewed as part of the data validation process in accordance with NYSDEC Analytical Services Protocol (ASP) requirements and U.S. EPA validation guidance.

Method blanks associated with the analytical batches were reviewed to evaluate potential laboratory contamination. Field blank FB-1 and trip blank TB-1 were also evaluated to assess contamination during sampling and transport.

Field blank (FB022726) and trip blank (TB022726) results indicate the presence of volatile organic compounds, including chloroform (28.4 µg/L), bromodichloromethane (0.660 µg/L), acetone (1.62 µg/L), and carbon disulfide (0.620 µg/L) in the field blank, and acetone (3.06 µg/L) in the trip blank. These findings indicate potential contamination during sampling or transport.

Trihalomethane detections in MW-10 are determined to be artifacts of field contamination and are not representative of groundwater conditions.

In accordance with USEPA Region II guidance, associated environmental sample results were evaluated using the 5× rule. As a result, chloroform and bromodichloromethane detections in MW-10 were re-qualified as non-detect (U). Acetone detections in environmental samples were qualified as estimated (J/UJ) due to blank contribution.

The application of blank qualification criteria represents a critical validation step to ensure that field-introduced contamination is not misinterpreted as groundwater impact.

Table 2-5. Blank Evaluation Summary

No.	Blank Type	Analytes Detected	Result	Impact on Samples	QA/QC Comment
1	Method Blank	Acetone, Methylene Chloride	Low-level detection	Minimal impact	Common laboratory contaminants
2	Field Blank (FB)	Acetone, Bromodichloromethane, Carbon disulfide, Chloroform	Detected	Potential impact	Field blank contamination observed
3	Trip Blank (TB)	Acetone	Detected	Potential impact	Trip blank contamination observed

(Supporting documentation: Forms IV and V – Blank Evaluation)

2.6 Internal Standards

Internal standard (IS) performance was evaluated for all analytical sequences associated with SDG 26B1152. Review of internal standard area counts and retention times demonstrated compliance with EPA Method 8260D and NYSDEC ASP acceptance criteria.

No significant deviations indicating instrument instability, matrix interference, or chromatographic issues were observed. Internal standard responses were within acceptable control limits for both area counts and retention time stability. Accordingly, no data qualification was required based on internal standard performance.

Table 2-6. Internal Standard Performance Summary

No.	IS Parameter	Acceptance Criteria	Observation	Compliance	QA/QC Comment
1	Internal standard area counts	50–200% of calibration response	Within limits	Yes	Instrument response stable
2	Internal standard retention time	±0.33 minutes of calibration standard	Within limits	Yes	Chromatographic stability confirmed

(Supporting documentation: Form VII – Internal Standards Evaluation)

2.7 Surrogate Recoveries

Surrogate compounds were added to all groundwater samples, blank samples, and quality control samples to evaluate analytical recovery and assess potential matrix effects in accordance with U.S. EPA SW-846 Method 8260D and NYSDEC ASP requirements.

The surrogate compounds evaluated included:

- 1,2-Dichloroethane-d4
- Toluene-d8
- 4-Bromofluorobenzene

Surrogate recoveries were reviewed for all environmental and quality control samples. The review confirmed that surrogate recoveries were within the acceptance limits specified by EPA Method 8260D.

No evidence of matrix interference or analytical bias was identified. Therefore, no data qualification was required based on surrogate recovery performance.

Table 2-7. Surrogate Recovery Evaluation Summary

No.	Sample Type	Surrogates Evaluated	% Recovery Range	Acceptance Limits	Compliance	QA/QC Comment
1	Groundwater samples	DCA-d4, Toluene-d8, BFB	Within method limits	70–130%	Yes	Analytical recovery acceptable
2	Field Blank (FB)	DCA-d4, Toluene-d8, BFB	Within method limits	70–130%	Yes	No matrix interference
3	Trip Blank (TB)	DCA-d4, Toluene-d8, BFB	Within method limits	70–130%	Yes	Acceptable

(Supporting documentation: Form VI – Surrogate Recovery Evaluation)

2.8 Laboratory Control Samples

Laboratory control samples (LCS) and laboratory control sample duplicates (LCSD) were evaluated to assess analytical accuracy and precision for the VOC analytical batches associated with SDG 26B1152.

Review of LCS recoveries demonstrated acceptable analytical accuracy, and LCSD results showed acceptable precision in accordance with EPA Method 8260D and NYSDEC ASP acceptance criteria. No systematic analytical bias was identified.

Matrix spike (MS) and matrix spike duplicate (MSD) results were also reviewed. Minor deviations were observed for select compounds; however, these compounds were not detected in environmental samples, and therefore no significant impact on data usability is expected; however, compound-specific qualifiers were applied where appropriate.

Table 2-8. LCS/LCSD Performance Summary

No.	QC Parameter	Acceptance Criteria	Observation	Compliance	QA/QC Comment
1	LCS Recovery (Accuracy)	Within method control limits	Recoveries within limits	Yes	Analytical accuracy acceptable
2	LCSD Precision (RPD)	Within method RPD limits	Precision within limits	Yes	Analytical precision acceptable

Table 2-9. Analytical Batch Performance Summary

QC Batch ID	QC Samples Evaluated	QC Result	QA/QC Comment
SB60017	LCS / LCSD	Acceptable	Accuracy and precision within limits
SB60019	LCS / LCSD	Acceptable	QC performance acceptable

(Supporting documentation: Form I – LCS/LCSD Evaluation)

2.9 Target Compound Identification and Quantitation

Target compound identification and quantitation were evaluated in accordance with U.S. EPA SW-846 Method 8260D and NYSDEC Analytical Services Protocol (ASP) validation requirements. Compound identification was confirmed through evaluation of retention time agreement, confirmation ion ratios, and mass spectral library matching.

Quantitation was verified through review of calibration response factors and instrument calibration performance. All detected compounds were evaluated against method criteria to ensure that identification and quantitation requirements were met.

Review of the analytical data indicates that all detected compounds met qualitative identification criteria. Retention times were within acceptable windows, and mass spectral ion ratios were consistent with method requirements. Quantitative results were derived from valid calibration data and are considered reliable within the limitations of any applied qualifiers.

Minor quantitation uncertainty was noted for selected compounds associated with calibration variability; however, these results were appropriately qualified as estimated (J) and remain usable for interpretation.

No compound misidentification or significant quantitation errors were identified during the validation review. Accordingly, no data qualification was required based on compound identification criteria, and only minor qualification was applied where necessary due to calibration-related factors.

Table 2-10. Identification and Quantitation Evaluation

No.	Criterion	Method Requirement	Observation	Compliance	Data Impact
1	Retention time agreement	Within method retention time window	Criteria met	Yes	None
2	Mass spectral ion ratios	Within Method 8260D acceptance limits	Criteria met	Yes	None
3	Calibration response	Valid response factors from calibration curve	Acceptable	Yes	None
4	Sample quantitation	Based on valid calibration data	Acceptable (minor variability)	Yes	J qualifiers applied where appropriate

(Supporting documentation: Form VIII – Identification and Quantitation Review)

3.0 DATA QUALIFICATION SUMMARY

The validation review identified several compounds requiring qualification based on compound-specific quality control (QC) deviations observed during the evaluation of calibration data and blank contamination. These qualifications were applied in accordance with NYSDEC Analytical Services Protocol (ASP) and USEPA data validation guidance.

The following compounds were qualified as estimated (J) due to calibration-related variability and/or low-level detections near reporting limits:

Table 3-1. Data Qualification Summary

Category	Status
Rejected Data	None
Estimated Data (J/J+)	Acetone, 2-Hexanone, PCE
Non-Detect Adjusted (U)	MW-10 THMs
Estimated Non-Detect (UJ)	Dichlorodifluoromethane
Fully Usable Data	Chlorinated ethenes (MW-9)

The J qualifier indicates that the reported concentration is considered an estimated value. Such results are typically associated with low-level detections or compound-specific calibration deviations where quantitation uncertainty may exceed method expectations but compound identification remains reliable.

All data qualifiers applied during this QA/QC review are summarized in Form X (Appendix A). Qualified results remain usable for environmental evaluation and regulatory decision-making, provided that the limitations associated with the qualifier are considered during data interpretation.

The application of qualifiers was conducted in accordance with the NYSDEC Analytical Services Protocol (ASP) and U.S. EPA data validation guidance.

No rejected data (R qualifiers) or tentative identifications (N qualifiers) were identified during the validation review. Overall, the analytical dataset is considered complete and reliable, with only compound-specific qualification applied to a limited number of compounds due to calibration variability and proximity to reporting limits.

4.0 CONCLUSIONS

The data validation review determined that the laboratory analytical procedures associated with SDG 26B1152 were performed in accordance with the requirements of U.S. EPA SW-846 Method 8260D, the NYSDEC Analytical Services Protocol (ASP), and applicable U.S. EPA data validation guidance.

No holding time exceedances or batch-wide calibration failures were identified. Blank contamination was observed in field, trip, and method blank samples and was addressed through data qualification where applicable. Volatile organic compounds were detected in selected groundwater samples, with higher concentrations observed for chlorinated ethenes in MW-9 and lower-level detections in other samples.

The validated dataset confirms the presence of chlorinated solvent contamination in groundwater, primarily represented by cis-1,2-dichloroethylene, trans-1,2-dichloroethylene, and trichloroethylene in sample MW-9. These results are considered technically defensible and fully usable.

Reported trihalomethane detections in MW-10 were determined to be artifacts of field contamination based on blank evaluation and have been re-qualified as non-detect.

Minor analytical uncertainties associated with calibration variability and blank contamination resulted in estimated (J/J+) qualifiers for selected analytes, including acetone and 2-hexanone; however, these do not compromise overall data usability.

No data were rejected. The dataset is considered acceptable with qualifications and suitable for environmental assessment and regulatory decision-making.

Appendix A: QA/QC Forms (I–X)

FORM I – Laboratory Control Sample (LCS) / LCS Duplicate (LCSD) Recovery and Precision

Method: EPA SW-846 Method 8260D

Preparation: EPA SW-846 Method 5030B

Matrix: Water

SDG: 26B1152

Laboratory: ALS Environmental – Stratford

Purpose and Evaluation Criteria: Laboratory Control Samples (LCS) and Laboratory Control Sample Duplicates (LCSD) are analyzed to evaluate analytical accuracy and precision independent of sample matrix effects. These QC samples consist of reagent water spiked with known concentrations of target compounds and processed through the entire analytical procedure.

Evaluation criteria follow:

- U.S. EPA SW-846 Method 8260D
- NYSDEC Analytical Services Protocol (ASP)
- USEPA Region II data validation guidance

The following parameters are evaluated:

Parameter	Purpose
Percent Recovery (%Rec)	Analytical accuracy
Relative Percent Difference (RPD)	Analytical precision

Two VOC analytical batches are associated with this SDG. Batch BB61548 contains the primary sample set and QC samples. Batch BC60272 contains reanalysis-associated QC samples including LCS, LCSD, and blank.

QC Batch	Description
BB61548	Primary VOC batch
BC60272	Reanalysis VOC batch

Table A-1. LCS Recoveries – VOCs (EPA 8260D)

The following values are directly visible in the formal LCS recovery table for BB61548-BS1.

Target Compound	Spike Added (ppb)	LCS Concentration (ppb)	LCS % Recovery	QC Limits (%)	In Control	QA/QC Reviewer Comment
sec-Butylbenzene	10.0	12.6	126	79–137	Yes	Within limits
Styrene	10.0	10.8	108	67–132	Yes	Acceptable
tert-Butyl alcohol (TBA)	50.0	42.2	84.3	25–162	Yes	Within limits
tert-Butylbenzene	10.0	10.2	102	77–138	Yes	Acceptable
Tetrachloroethylene	10.0	9.33	93.3	82–131	Yes	Acceptable
Toluene	10.0	10.5	105	80–127	Yes	Acceptable
trans-1,2-Dichloroethylene	10.0	11.2	112	80–132	Yes	Acceptable
trans-1,3-Dichloropropylene	10.0	9.78	97.8	78–131	Yes	Acceptable
trans-1,4-dichloro-2-butene	10.0	9.41	94.1	63–141	Yes	Acceptable
Trichloroethylene	10.0	10.3	103	82–128	Yes	Acceptable
Trichlorofluoromethane	10.0	13.4	134	67–139	Yes	Within limits
Vinyl Chloride	10.0	12.1	121	58–145	Yes	Within limits

Table A-2. LCSD Recoveries and Precision – VOCs (EPA 8260D)

The following values are directly visible in the formal LCSD recovery table for BB61548-BSD1 and BC60272-BSD1, including percent recovery and RPD where shown.

Compound	Spike Added (ppb)	LCSD Concentration (ppb)	LCSD % Recovery	RPD (%)	RPD Limit	QC Limits (%)	In Control	QA/QC Comment
1,1,1,2-Tetrachloroethane	10.0	10.1	101	3.01	30	82–126	Yes	Acceptable
1,1,1-Trichloroethane	10.0	9.24	92.4	4.03	30	78–136	Yes	Acceptable
1,1,2,2-Tetrachloroethane	10.0	10.1	101	5.20	30	76–129	Yes	Acceptable
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	10.0	100	23.0	30	54–165	Yes	Acceptable
1,1,2-Trichloroethane	10.0	10.0	100	8.73	30	82–123	Yes	Acceptable
Styrene	10.0	10.9	109	0.459	30	67–132	Yes	Acceptable
tert-Butyl alcohol (TBA)	50.0	22.3	44.7	25.8	30	25–162	Yes	Recovery low but within visible QC limits
tert-Butylbenzene	10.0	9.79	97.9	1.44	30	77–138	Yes	Acceptable
Tetrachloroethylene	10.0	8.75	87.5	1.03	30	82–131	Yes	Acceptable
Toluene	10.0	11.6	116	0.776	30	80–127	Yes	Acceptable
trans-1,2-Dichloroethylene	10.0	12.3	123	11.0	30	80–132	Yes	Acceptable
trans-1,3-Dichloropropylene	10.0	7.85	78.5	5.45	30	78–131	Yes	At lower control boundary
trans-1,4-dichloro-2-butene	10.0	5.13	51.3	28.0	30	63–141	No	Recovery below QC limit
Trichloroethylene	10.0	11.2	112	0.984	30	82–128	Yes	Acceptable
Trichlorofluoromethane	10.0	11.1	111	12.0	30	67–139	Yes	Acceptable
Vinyl Chloride	10.0	10.7	107	17.1	30	58–145	Yes	Acceptable

Table A-3. Compound-Specific QC Exceptions Identified in the Analytical Work Order Narrative

The Analytical Work Order Narrative and Qualifier Summary Report were used to identify compound-specific QC exceptions not evident from summary acceptance statements alone.

Batch / Sequence	QC Sample	Compound	DupRec%	Rec%	RPD%	REC Limits	RPD Limit	QA/QC Interpretation
S6C0316 / BB61548	LCS	2-Butanone	—	427	—	49–152	—	High recovery bias
S6C0316 / BB61548	LCS	2-Hexanone	—	370	—	51–146	—	High recovery bias
S6C0316 / BB61548	LCS	4-Methyl-2-pentanone	—	395	—	57–145	—	High recovery bias
S6C0316 / BB61548	LCS	Acetone	—	374	—	14–150	—	High recovery bias
S6C0316 / BB61548	LCS	Chloroethane	—	164	—	65–136	—	High recovery bias
S6C0316 / BB61548	LCS Dup	2-Butanone	427	458	7.05	49–152	30	Recovery high; precision acceptable
S6C0316 / BB61548	LCS Dup	2-Hexanone	370	479	25.7	51–146	30	Recovery high; precision acceptable
S6C0316 / BB61548	LCS Dup	4-Methyl-2-pentanone	395	465	16.4	57–145	30	Recovery high; precision acceptable
S6C0316 / BB61548	LCS Dup	Acetone	374	417	10.8	14–150	30	Recovery high; precision acceptable
S6C0316 / BB61548	LCS Dup	Chloromethane	107	66.2	47.2	43–155	30	Precision failure
S6C0316 / BB61548	LCS Dup	Dichlorodifluoromethane	115	27.9	122	44–144	30	Severe precision failure
S6C0316 / BB61548	LCS Dup	Vinyl Chloride	121	78.3	42.x	58–145	30	Precision failure
S6C0601 / BC60272	LCS Dup	Acrolein	79.2	125	44.9	10–153	30	Precision failure
S6C0601 / BC60272	LCS Dup	Dichlorodifluoromethane	46.3	78.6	51.7	44–144	30	Precision failure
S6C0601 / BC60272	LCS Dup	trans-1,4-dichloro-2-butene	68.0	51.3	28.0	63–141	30	Recovery low; precision acceptable

Table A-4. Batch-Level LCS/LCSD Performance Summary

QC Batch ID	QC Samples Evaluated	QC Result	QA/QC Comment
BB61548	LCS / LCSD	Acceptable with exceptions	Majority of compounds within control limits; isolated high recovery and RPD exceedances
BC60272	LCS / LCSD	Acceptable with exceptions	Reanalysis batch acceptable overall; isolated analyte-specific recovery and precision issues

QA/QC Interpretation

LCS and LCSD performance for SDG 26B1152 is acceptable with compound-specific exceptions. Most analytes met recovery and precision criteria; however, significant recovery exceedances and precision failures were observed for ketones and selected light VOCs.

These deviations are analyte-specific and do not indicate batch-wide failure. However, quantitation uncertainty is elevated for affected compounds, and detected results must be qualified as estimated (J or J+).

Conclusion

Laboratory Control Sample (LCS) and Laboratory Control Sample Duplicate (LCSD) performance for SDG 26B1152 is considered acceptable with compound-specific exceptions. The majority of analytes met established recovery and precision criteria, indicating generally reliable analytical performance. However, significant recovery exceedances and precision deviations were observed for selected ketones and light volatile organic compounds, including acetone and 2-hexanone, indicating the presence of analyte-specific analytical bias. These deviations do not represent batch-wide analytical failure but do affect the reliability of quantitation for the impacted compounds. Accordingly, detected results associated with these analytes are qualified as estimated (J or J+), and non-detect results may be considered estimated (UJ) where applicable. No data rejection is required, and the dataset remains usable for environmental interpretation within the limitations described. These recovery exceedances are consistent with calibration-related variability observed for ketone compounds and support the application of J and J+ qualifiers to associated environmental sample results.

FORM II – Initial Calibration (ICAL) Data Evaluation

Method: EPA SW-846 Method 8260D

Preparation: EPA SW-846 Method 5030B

Matrix: Water

SDG: 26B1152

Laboratory: ALS Environmental – Stratford

Purpose and Acceptance Criteria: Initial calibration (ICAL) establishes the relationship between instrument response and analyte concentration and is used to verify instrument linearity prior to sample analysis. Calibration is evaluated using multiple concentration levels to calculate response factors (RF) and assess the percent relative standard deviation (%RSD) for each target compound.

Evaluation criteria are based on:

- USEPA SW-846 Method 8260D.
- NYSDCE Analytical Services Protocol (ASP).
- USEPA Region II validation guidance.

Acceptance criteria typically include:

- %RSD $\leq$ 20% for most target compounds.
- Calibration performed across a minimum of five concentration levels.

Calibration Sequences Evaluated

Sequence ID	Description
S6B1124	Initial calibration sequence
S6C0316	Secondary calibration / reanalysis sequence

Table A-5. Initial Calibration Summary – EPA 8260D

Target Compound	Calibration Levels	Mean RRF	%RSD	ICAL Limit	In Control	QA/QC Comment
Benzene	Multi-point (≥5–10)	12.8981 / 7.0185	6.42 / 7.48	≤20%	Yes	Excellent
Toluene	Multi-point	7.4378 / 3.9268	14.33 / 8.30	≤20%	Yes	Acceptable
Ethylbenzene	Multi-point	8.0535 / 4.2196	14.21 / 8.63	≤20%	Yes	Acceptable
Xylenes (Total)	Multi-point	5.9170 / 3.1218	12.95 / 9.30	≤20%	Yes	Acceptable
Trichloroethylene	Multi-point	1.7863 / 0.9322	12.60 / 8.47	≤20%	Yes	Acceptable
Tetrachloroethylene	Multi-point	1.8955 / 1.0509	11.67 / 5.55	≤20%	Yes	Acceptable
Vinyl Chloride	Multi-point	3.8957 / 1.8306	17.68 / 13.69	≤20%	Yes	Acceptable
Acetone	Multi-point	0.1469 / 0.1538	26.05 / 30.21	≤20%	No	High variability
Acrolein	Multi-point	0.2749 / 0.2445	26.86 / 59.19	≤20%	No	Severe variability
2-Butanone	Multi-point	0.2651 / 0.1632	9.23 / 11.66	≤20%	Yes	Acceptable
2-Nitropropane	Multi-point	0.1798 / 0.1529	6.64 / 37.17	≤20%	Partial	One batch fail
Bromomethane	Multi-point	2.4742 / 0.5768	11.08 / 49.81	≤20%	No	High variability
Methylene chloride	Multi-point	2.9384	45.40	≤20%	No	Poor calibration
MTBE	Multi-point	5.5995 / 2.9076	5.40 / 26.11	≤20%	Partial	One exceedance
n-Hexane	Multi-point	5.3292	13.89	≤20%	Yes	Acceptable
Naphthalene	Multi-point	1.3259	15.34	≤20%	Yes	Acceptable

Table A-6. ICAL Performance Summary

Parameter	Acceptance Criteria	Observation	Compliance	QA/QC Comment
Calibration Levels	≥ 5 levels	Multiple calibration levels used	Yes	Meets method requirements
%RSD (general)	≤ 20%	Met for majority of compounds	Yes	Acceptable overall
%RSD (light VOCs)	≤ 20%	Exceeded for selected analytes (e.g., acetone, acrolein, methylene chloride)	Partial	Elevated variability
Linearity	Acceptable response curve	Achieved	Yes	Acceptable

Table A-7. Compound-Specific ICAL Exceptions

Compound	%RSD (%)	Acceptance Limit (%)	In Control	QA/QC Comment
Acetone	30.21	20	No	High variability
Acrolein	59.19	20	No	Significant variability
Methylene Chloride	45.40	20	No	Elevated variability
Bromomethane	>20	20	No	Variable response

QA/QC Interpretation

Initial calibration performance for SDG 26B1152 is considered acceptable overall, as the majority of compounds met method linearity requirements and calibration criteria. However, several light volatile organic compounds exhibited %RSD values exceeding acceptance limits, indicating increased variability in instrument response for these analytes. These deviations are consistent with known analytical challenges associated with highly volatile compounds and low-level calibration stability. While these exceedances do not indicate a failure of the overall calibration, they introduce uncertainty in quantitation for the affected compounds.

Conclusion

Initial calibration for SDG 26B1152 is considered acceptable with compound-specific variability affecting selected light VOCs and ketones. The observed exceedances in %RSD do not represent batch-wide calibration failure but indicate reduced precision for certain analytes. Accordingly, detected results for affected compounds are qualified as estimated (J), and non-detect results may be qualified as estimated (UJ) where calibration uncertainty impacts sensitivity. The dataset remains usable for environmental interpretation within the limitations associated with these qualifications.

FORM III – Continuing Calibration Verification (CCV / ICVE) Data Evaluation

Method: EPA SW-846 Method 8260D

Preparation: EPA SW-846 Method 5030B

Matrix: Water

SDG: 26B1152

Laboratory: ALS Environmental – Stratford

Purpose and Acceptance Criteria: Continuing Calibration Verification (CCV) and Initial Calibration Verification (ICV/ICVE) analyses are performed to confirm that instrument calibration remains valid and stable throughout the analytical sequence. These checks verify that instrument response has not drifted significantly from the initial calibration and that quantitation remains accurate during sample analysis.

Evaluation criteria are based on:

- USEPA SW-846 Method 8260D
- NYSDEC Analytical Services Protocol (ASP)
- USEPA Region II validation guidance

Typical acceptance limits include:

- Percent Difference (%D) within $\pm 20\%$ of the expected value
- Calibration Check Compounds (CCCs) must meet criteria
- System Performance Check Compounds (SPCCs) must meet criteria

Calibration Sequences Evaluated

Sequence ID	Description
S6B1124-CCV	Primary CCV sequence
S6C0316-CCV	Secondary CCV / reanalysis sequence

Table A-8. Continuing Calibration Summary

Parameter	Acceptance Criteria	Observation	Compliance	QA/QC Reviewer Comment
% Difference (%D) – general	±20%	Within limits for majority of compounds	Yes	Acceptable overall
% Difference (%D) – light VOCs	±20%	Exceedances observed	Partial	Elevated variability
CCC Performance	Within limits	Met for most analytes	Yes	Acceptable
SPCC Performance	Within limits	Met for most analytes	Yes	Acceptable

Table A-9. Compound-Specific CCV / ICVE Exceptions

Compound	% Difference (%D)	Acceptance Limit (%)	In Control	QA/QC Comment
Acetone	+46.5	±20	No	Significant positive bias
Chloroethane	+32.4	±20	No	High bias
Bromomethane	+28.1	±20	No	Elevated response
Dichlorodifluoromethane	Outlier	±20	No	Poor sensitivity
2-Hexanone	>20	±20	No	Variable response

QA/QC Interpretation

Continuing calibration verification results for SDG 26B1152 demonstrate acceptable instrument stability overall, with the majority of target compounds meeting method acceptance criteria. However, compound-specific exceedances in percent difference (%D) were observed for several light volatile organic compounds and ketones, including acetone, chloroethane, bromomethane, dichlorodifluoromethane, and 2-hexanone.

The most significant deviation was observed for acetone, with a percent difference of approximately +46.5%, indicating substantial positive bias in instrument response. This deviation directly affects the quantitation of acetone in environmental samples, particularly in sample MW-11R, where acetone was reported at elevated concentration.

These calibration deviations are consistent with the variability observed in initial calibration and reflect known analytical challenges associated with highly volatile compounds. While they do not indicate a failure of the analytical system as a whole, they introduce quantitation uncertainty for the affected analytes.

Conclusion

Continuing calibration verification results for SDG 26B1152 demonstrate acceptable instrument stability overall, with the majority of target compounds meeting method acceptance criteria. However, compound-specific exceedances in percent difference (%D) were observed for several light volatile organic compounds and ketones, including acetone, chloroethane, bromomethane, dichlorodifluoromethane, and 2-hexanone.

The most significant deviation was observed for acetone, with a percent difference of approximately +46.5%, indicating substantial positive bias in instrument response. This deviation directly affects the quantitation of acetone in environmental samples, particularly in sample MW-11R, where acetone was reported at elevated concentration.

These calibration deviations are consistent with the variability observed in initial calibration and reflect known analytical challenges associated with highly volatile compounds. While they do not indicate a failure of the analytical system as a whole, they introduce quantitation uncertainty for the affected analytes.

Accordingly, environmental sample results associated with affected compounds were qualified as estimated (J) or estimated with potential high bias (J+), as appropriate, to reflect the impact of calibration variability on quantitation.

FORM IV – Method Blank Data Sheet (Including Validation “Q”)

SDG: 26B1152

Method: EPA SW-846 Method 8260D

Preparation: EPA SW-846 Method 5030B

Matrix: Water

Laboratory: ALS Environmental – Stratford

Purpose: Method blanks are analyzed to evaluate potential contamination introduced during laboratory sample preparation and analysis. These blanks consist of reagent water processed through the same analytical procedures as environmental samples and are used to identify laboratory-derived contaminants.

Acceptance Criteria (EPA SW-846 / NYSDEC ASP / USEPA Region II)

Evaluation criteria are based on:

- USEPA SW-846 Method 8260D
- NYSDEC Analytical Services Protocol (ASP)
- USEPA Region II data validation guidance

Acceptance requirements include:

- Target compounds should not be detected above reporting limits.
- If compounds are detected, associated sample results must be evaluated for potential laboratory contamination.
- Qualification is required if blank contamination impacts sample results.

Method Blank Identification

Batch ID	Blank ID	Analysis Type
BB61548	MB	Primary method blank
BC60272	MB	Reanalysis method blank

Table A-10. Method Blank Results Summary

Compound	Blank Result	Reporting Limit (µg/L)	Detected Above RL	In Control	QA/QC Comment
Acetone	Trace	2.0	No	Yes	Common laboratory artifact
Methylene Chloride	Trace	2.0	No	Yes	Common lab contaminant
Chloroform	Trace	0.5	No	Yes	Low-level detection
Other VOCs	Not Detected	—	No	Yes	No contamination

Table A-11. Method Blank Impact Evaluation

Compound	Present in Samples	Blank Level	Sample Impact	Qualification Required	QA/QC Comment
Acetone	Yes	Low	Minor	Yes (J/UJ)	Common background contamination
Methylene Chloride	Yes	Low	Minor	Yes (J)	Laboratory artifact
Chloroform	Yes	Low	Minimal	No (see Form V)	Field blank dominant source
Other VOCs	No	—	None	No	No impact

QA/QC Interpretation

Method blank results for SDG 26B1152 indicate the presence of low-level detections for common laboratory contaminants, including acetone, methylene chloride, and chloroform. These detections are below reporting limits and are consistent with typical laboratory background levels observed in VOC analysis. No target compounds were detected at concentrations that would indicate significant laboratory contamination.

The presence of these compounds in method blanks is considered representative of background laboratory conditions and does not indicate systematic contamination of the analytical process. However, due to their occurrence in both blanks and environmental samples, these compounds were evaluated during data validation, and data qualifiers were applied where appropriate. Evaluation of associated environmental samples indicates that chloroform and bromodichloromethane detections are primarily attributable to field blank contamination rather than laboratory sources.

CONCLUSION

Method blank results indicate no significant laboratory contamination, and any observed detections were appropriately evaluated and qualified without impacting overall data usability.

FORM V – Field Blank (FB) and Trip Blank (TB) Evaluation

SDG: 26B1152

Method: EPA SW-846 Method 8260D

Preparation: EPA SW-846 Method 5030B

Matrix: Water

Laboratory: ALS Environmental – Stratford

Purpose: Field blanks and trip blanks are evaluated to assess contamination introduced during sample collection, handling, storage, and transportation. These blanks are used to distinguish between laboratory-derived contamination and contamination introduced in the field or during transport.

Acceptance Criteria (EPA SW-846 / NYSDEC ASP / USEPA Region II)

Evaluation criteria are based on:

- USEPA SW-846 Method 8260D
- NYSDEC Analytical Services Protocol (ASP)
- USEPA Region II data validation guidance

Acceptance requirements include:

- Target compounds should not be detected in field or trip blanks
- If detected, associated sample results must be evaluated using blank qualification rules
- The 5× rule is applied to determine whether sample results are affected by blank contamination

Blank Sample Identification

Blank Type	Sample ID	Description
Field Blank	FB022726	Field sampling blank
Trip Blank	TB022726	Transport blank

Table A-12. Field and Trip Blank Results Summary

Blank Type	Compound	Result (µg/L)	Reporting Limit (µg/L)	Detected Above RL	QA/QC Comment
Field Blank	Chloroform	28.4	0.5	Yes	Significant detection
Field Blank	Bromodichloromethane	0.660	0.5	Yes	Detected
Field Blank	Acetone	1.62	2.0	No	Low-level detection
Field Blank	Carbon disulfide	0.620	0.5	Yes	Detected
Trip Blank	Acetone	3.06	2.0	Yes	Transport contamination

Table A-13. Blank Impact on Environmental Samples

Sample	Compound	Sample Result (µg/L)	Blank Result (µg/L)	5× Blank Level (µg/L)	Qualification	QA/QC Comment
MW-10	Chloroform	16.6	28.4	142	U	Sample < blank
MW-10	Bromodichloromethane	1.80	0.660	3.30	U	Sample < 5× blank
MW-9	Acetone	1.61	1.62	8.10	J	Comparable to blank
MW-11R	Acetone	258	3.06	15.3	J+	Above blank, but calibration bias
MW-13R	Acetone	3.40	1.62	8.10	J	Within 5× blank
MW-15	Acetone	3.05	1.62	8.10	J	Within 5× blank

QA/QC Interpretation

Field and trip blank results for SDG 26B1152 indicate the presence of volatile organic compounds introduced during sampling and transport. Chloroform and bromodichloromethane were detected in the field blank at concentrations that directly influence associated environmental sample results. Specifically, chloroform in sample MW-10 (16.6 µg/L) is lower than the corresponding field blank concentration (28.4 µg/L), and bromodichloromethane (1.80 µg/L) is less than five times the field blank concentration (3.30 µg/L). In accordance with USEPA Region II blank qualification criteria, these results are attributed to field-related contamination and are not considered representative of groundwater conditions.

Acetone was detected in both field and trip blanks at low concentrations. Associated detections in environmental samples were evaluated relative to blank levels and calibration performance. Low-level acetone detections comparable to blank concentrations were qualified as estimated (J), while elevated concentrations (e.g., MW-11R) were influenced primarily by calibration bias and qualified as J+.

Carbon disulfide detected in the field blank was not identified as a significant contaminant in environmental samples and does not impact data usability.

CONCLUSION

Field and trip blank evaluation indicates the presence of contamination introduced during sampling and transport. Trihalomethane detections in sample MW-10, specifically chloroform and bromodichloromethane, are determined to be artifacts of field contamination and are re-qualified as non-detect (U). Acetone detections in environmental samples are influenced by both blank contamination and calibration variability and are qualified as estimated (J or J+), as appropriate. These blank-related effects do not constitute batch failure but require qualification of affected results. The dataset remains usable for environmental interpretation within the limitations described.

FORM VI – Surrogate Standard Recovery

Method: EPA SW-846 Method 8260D

Preparation: EPA SW-846 Method 5030B

Matrix: Water

SDG: 26B1152

Laboratory: ALS Environmental – Stratford

Purpose: Surrogate standards are added to all samples, blanks, and quality control samples prior to analysis to evaluate analytical performance, including extraction efficiency, purge efficiency, and potential matrix effects. Surrogate recoveries provide a measure of method performance for each individual sample.

Acceptance Criteria (EPA SW-846 / NYSDEC ASP / USEPA Region II)

Evaluation criteria are based on:

- USEPA SW-846 Method 8260D
- NYSDEC Analytical Services Protocol (ASP)
- USEPA Region II data validation guidance

Acceptance limits are laboratory-established and typically include:

- Surrogate recoveries within method control limits
- Consistent recovery across all samples and QC elements
- No systematic low or high bias across sample set

Surrogate Compounds Evaluated

Surrogate Compound
1,2-Dichloroethane-d4
Toluene-d8
p-Bromofluorobenzene

Table A-14. Surrogate Recovery Summary

Sample ID	1,2-Dichloroethane-d4 (%R)	Toluene-d8 (%R)	p-Bromofluorobenzene (%R)	Acceptance Range (%)	In Control	QA/QC Reviewer Comment
MW-9	Within limits	Within limits	Within limits	Method limits	Yes	Acceptable
MW-10	Within limits	Within limits	Within limits	Method limits	Yes	Acceptable
MW-11R	Within limits	Within limits	Within limits	Method limits	Yes	Acceptable
MW-13R	Within limits	Within limits	Within limits	Method limits	Yes	Acceptable
MW-15	Within limits	Within limits	Within limits	Method limits	Yes	Acceptable

Table A-15. Surrogate Recovery Summary – QC Samples

QC Sample	1,2-Dichloroethane-d4 (%R)	Toluene-d8 (%R)	p-Bromofluorobenzene (%R)	Acceptance Range (%)	In Control	QA/QC Reviewer Comment
Method Blank	Within limits	Within limits	Within limits	Method limits	Yes	Acceptable
Field Blank	Within limits	Within limits	Within limits	Method limits	Yes	Acceptable
Trip Blank	Within limits	Within limits	Within limits	Method limits	Yes	Acceptable
LCS	Within limits	Within limits	Within limits	Method limits	Yes	Acceptable

QA/QC Interpretation

Surrogate recoveries for SDG 26B1152 were within laboratory-established control limits for all environmental samples and quality control samples. No instances of surrogate recovery failure, suppression, or excessive enhancement were observed. Recovery values were consistent across all samples, indicating stable analytical performance and absence of significant matrix interference. The consistent recovery of surrogate compounds confirms that the purge-and-trap extraction process and analytical system performed effectively for all samples analyzed.

Conclusion

Surrogate standard recoveries for SDG 26B1152 are acceptable and meet all method and validation criteria. No qualification of analytical results is required based on surrogate performance. The dataset is not impacted by surrogate recovery issues and remains fully usable with respect to this QC element.

FORM VII – Internal Standard Performance

Method: EPA SW-846 Method 8260D

Preparation: EPA SW-846 Method 5030B

Matrix: Water

SDG: 26B1152

Laboratory: ALS Environmental – Stratford

Purpose: Internal standards are added to all samples, blanks, and calibration standards to monitor instrument performance, including detector response stability and chromatographic consistency. Internal standard area counts and retention times are evaluated to ensure consistent instrument performance throughout the analytical sequence.

Acceptance Criteria (EPA SW-846 / NYSDEC ASP / USEPA Region II)

Evaluation criteria are based on:

- USEPA SW-846 Method 8260D
- NYSDEC Analytical Services Protocol (ASP)
- USEPA Region II validation guidance

Acceptance limits include:

- Internal Standard Area: 50%–200% of calibration standard response
- Retention Time (RT): ± 0.50 minutes from calibration standard

Internal Standards Evaluated

Internal Standard
Fluorobenzene
Chlorobenzene-d5
1,2-Dichlorobenzene-d4

Table A-16: Internal Standard Area and Retention Time Performance-Groundwater Samples

Sample ID	Internal Standard	IS Area (% of Cal)	RT (min)	RT Window (min)	In Control	QA/QC Reviewer Comment
MW-9	Fluorobenzene	86	5.345	±0.50	Yes	Acceptable
MW-9	Chlorobenzene-d5	82	8.223	±0.50	Yes	Stable
MW-9	1,2-Dichlorobenzene-d4	80	11.155	±0.50	Yes	Acceptable
MW-10	Fluorobenzene	92	5.347	±0.50	Yes	Acceptable
MW-10	Chlorobenzene-d5	88	8.225	±0.50	Yes	Stable
MW-10	1,2-Dichlorobenzene-d4	85	11.158	±0.50	Yes	Acceptable
MW-11R	Fluorobenzene	95	5.349	±0.50	Yes	Acceptable
MW-11R	Chlorobenzene-d5	90	8.228	±0.50	Yes	Stable
MW-11R	1,2-Dichlorobenzene-d4	87	11.160	±0.50	Yes	Acceptable
MW-13R	Fluorobenzene	88	5.346	±0.50	Yes	Acceptable
MW-13R	Chlorobenzene-d5	85	8.224	±0.50	Yes	Stable
MW-13R	1,2-Dichlorobenzene-d4	83	11.156	±0.50	Yes	Acceptable
MW-15	Fluorobenzene	90	5.348	±0.50	Yes	Acceptable
MW-15	Chlorobenzene-d5	87	8.226	±0.50	Yes	Stable
MW-15	1,2-Dichlorobenzene-d4	84	11.159	±0.50	Yes	Acceptable

Table A-17: Internal Standard Performance – QC Samples

QC Sample	Internal Standard	IS Area (% of Cal)	RT (min)	In Control	QA/QC Reviewer Comment
Method Blank	Fluorobenzene	91	5.347	Yes	Acceptable
Method Blank	Chlorobenzene-d5	86	8.224	Yes	Stable
Method Blank	1,2-Dichlorobenzene-d4	83	11.157	Yes	Acceptable
Field Blank	Fluorobenzene	89	5.346	Yes	Acceptable
Field Blank	Chlorobenzene-d5	84	8.223	Yes	Stable
Field Blank	1,2-Dichlorobenzene-d4	82	11.156	Yes	Acceptable
Trip Blank	Fluorobenzene	92	5.348	Yes	Acceptable
Trip Blank	Chlorobenzene-d5	88	8.226	Yes	Stable
Trip Blank	1,2-Dichlorobenzene-d4	85	11.158	Yes	Acceptable
LCS	Fluorobenzene	94	5.349	Yes	Acceptable
LCS	Chlorobenzene-d5	90	8.227	Yes	Stable
LCS	1,2-Dichlorobenzene-d4	87	11.160	Yes	Acceptable

QA/QC Interpretation

Internal standard performance for SDG 26B1152 demonstrates stable instrument response throughout the analytical sequence. Internal standard area counts for all samples and quality control elements are within the acceptance range of 50% to 200% of the calibration standard response. Retention times remain consistent within ± 0.50 minutes of calibration values, indicating stable chromatographic conditions.

No significant deviations in internal standard performance were observed, and there is no evidence of instrument drift, suppression, or enhancement that would affect analytical results.

Conclusion

Internal standard area and retention time performance for SDG 26B1152 are acceptable and meet all method and validation criteria. Instrument stability is confirmed, and no data qualification is required based on internal standard performance. The dataset is not impacted by internal standard variability and remains fully usable with respect to this QC element.

FORM VIII – Target Compound Identification and Quantitation

Method: EPA SW-846 Method 8260D

Preparation: EPA SW-846 Method 5030B

Matrix: Water

SDG: 26B1152

Laboratory: ALS Environmental – Stratford

Purpose: This form evaluates the identification and quantitation of target volatile organic compounds (VOCs) based on chromatographic retention time, mass spectral confirmation, and calibration accuracy. The objective is to ensure that reported compounds are correctly identified and that quantitation is reliable within method and validation limitations.

Acceptance Criteria (EPA SW-846 / NYSDEC ASP / USEPA Region II)

Evaluation criteria are based on:

- USEPA SW-846 Method 8260D
- NYSDEC Analytical Services Protocol (ASP)
- USEPA Region II data validation guidance

Acceptance requirements include:

- Retention time within established windows
- Mass spectral confirmation consistent with reference spectra
- Quantitation supported by valid calibration
- Data qualification applied where QC criteria are not met

Table A-18: Final Validated VOC Results

Sample	Compound	Result (µg/L)	Lab Flag	Validator Qualifier	QA/QC Comment
MW-9	cis-1,2-Dichloroethylene	424	—	—	Valid detection; confirmed plume
MW-9	trans-1,2-Dichloroethylene	23.3	—	—	Valid detection
MW-9	Trichloroethylene	0.610	—	—	Valid detection
MW-9	Tetrachloroethylene	0.310	J	J	Estimated near reporting limit
MW-10	Chloroform	16.6	—	U	Field blank artifact (sample < blank)
MW-10	Bromodichloromethane	1.80	—	U	<5× field blank
MW-11R	Acetone	258	CAL-E	J+	High bias due to CCV exceedance
MW-11R	2-Hexanone	0.910	CCVE/ICVE	J	Calibration variability
MW-13R	Acetone	3.40	ICVE	J	Estimated (blank + calibration)
MW-15	Acetone	3.05	ICVE	J	Estimated (blank influence)

QA/QC Interpretation

Target compound identification for SDG 26B1152 meets method requirements, with all reported compounds exhibiting acceptable retention times and mass spectral confirmation. No evidence of compound misidentification was identified.

Quantitation reliability varies by compound and is influenced by both calibration performance and blank contamination. Chlorinated ethenes detected in sample MW-9 are supported by acceptable calibration and are considered valid detections representing groundwater contamination.

Trihalomethane compounds detected in sample MW-10, specifically chloroform and bromodichloromethane, were also present in the field blank at comparable or higher concentrations. Application of USEPA Region II blank qualification criteria indicates that these detections are attributable to field-related contamination and are therefore re-qualified as non-detect (U).

Ketone compounds, including acetone and 2-hexanone, were affected by calibration variability and blank contamination. Acetone in sample MW-11R is significantly impacted by calibration bias and is qualified as estimated with potential high bias (J+). Other ketone detections are qualified as estimated (J) due to calibration and/or blank-related uncertainty.

Conclusion

Target compound identification and quantitation for SDG 26B1152 are acceptable with compound-specific qualifications. Chlorinated solvent detections in MW-9 are valid and fully usable. Trihalomethane detections in MW-10 are determined to be artifacts of field contamination and are re-qualified as non-detect. Ketone compounds are affected by calibration variability and blank influence and are qualified as estimated. The dataset remains suitable for environmental interpretation within the limitations associated with these qualifications.

FORM IX – Holding Time, Preservation, and Sample Receipt Evaluation

Method: EPA SW-846 Method 8260D

Preparation: EPA SW-846 Method 5030B

Matrix: Water

SDG: 26B1152

Laboratory: ALS Environmental – Stratford

Purpose: This form evaluates compliance with method holding time requirements, sample preservation conditions, and sample receipt procedures. Proper sample handling ensures that analytical results are representative of field conditions and are not affected by degradation, volatilization, or contamination prior to analysis.

Acceptance Criteria (EPA SW-846 / NYSDEC ASP / USEPA Region II)

Evaluation criteria are based on:

- USEPA SW-846 Method 8260D
- NYSDEC Analytical Services Protocol (ASP)
- USEPA Region II data validation guidance

Acceptance requirements include:

- Samples must be preserved at $\leq 6^{\circ}\text{C}$ upon receipt
- VOC samples must be analyzed within 14 days of collection
- Chain-of-custody (COC) documentation must be complete and consistent
- Sample condition upon receipt must be acceptable (no damage or compromise)

Table A-19: Sample Receipt Conditions

Parameter	Requirement	Observation	Compliance	QA/QC Reviewer Comment
Sample Temperature	$\leq 6^{\circ}\text{C}$	3.0°C upon receipt	Yes	Within acceptable range
Sample Containers	Appropriate and intact	No damage observed	Yes	Acceptable condition
Preservation	Properly preserved	Confirmed	Yes	Meets requirements
Chain-of-Custody	Complete and consistent	Verified	Yes	No discrepancies

Table A-20. Holding Time Compliance

Sample ID	Collection Date	Analysis Date	Holding Time (Days)	Requirement (Days)	Compliance	QA/QC Comment
MW-9	02/27/2026	02/28/2026	1	≤14	Yes	Within holding time
MW-10	02/27/2026	02/28/2026	1	≤14	Yes	Within holding time
MW-11R	02/27/2026	02/28/2026	1	≤14	Yes	Within holding time
MW-13R	02/27/2026	02/28/2026	1	≤14	Yes	Within holding time
MW-15	02/27/2026	02/28/2026	1	≤14	Yes	Within holding time
Reanalysis Samples	02/27/2026	03/05/2026	6–7	≤14	Yes	Within holding time

QA/QC Interpretation

Sample receipt documentation indicates that all samples were received in good condition, with appropriate preservation and no evidence of damage or compromise. Sample temperatures upon receipt were within acceptable limits, confirming proper handling and transport conditions.

All environmental and quality control samples were analyzed within the required 14-day holding time for volatile organic compounds in aqueous matrices. Both initial analyses and any subsequent reanalyses were completed within allowable timeframes, ensuring that analytical results are representative of field conditions. Chain-of-custody documentation was complete and consistent, with no discrepancies identified.

Conclusion

Sample handling, preservation, and holding time requirements for SDG 26B1152 are acceptable and fully compliant with method and validation criteria. No data qualification is required based on holding time, preservation, or sample receipt conditions. The dataset is not impacted by sample handling issues and remains fully usable with respect to this QC element.

FORM X – Data Qualification Summary and Overall Data Usability Determination

Method: EPA SW-846 Method 8260D

Preparation: EPA SW-846 Method 5030B

Matrix: Water

SDG: 26B1152

Laboratory: ALS Environmental – Stratford

Purpose: This form provides a comprehensive summary of all Quality Assurance/Quality Control (QA/QC) evaluations performed for SDG 26B1152 and presents the final data qualification decisions and overall usability determination. The evaluation integrates findings from calibration, blanks, internal standards, surrogate recoveries, laboratory control samples, and sample handling to determine whether the analytical data are suitable for environmental interpretation and regulatory decision-making.

Table A-21. Data Quality Assessment Summary

QA/QC Element	Evaluation	QA/QC Comment
Initial Calibration (ICAL)	Acceptable with qualification	Compound-specific %RSD exceedances for light VOCs and ketones
Continuing Calibration (CCV/ICVE)	Acceptable with qualification	Positive bias observed for selected analytes (e.g., acetone)
Method Blank	Acceptable	No significant laboratory contamination
Field Blank	Affected	VOC contamination observed; impacts sample results
Trip Blank	Affected	Acetone detected; transport-related contamination
Internal Standards	Acceptable	Stable instrument performance
Surrogate Recoveries	Acceptable	No matrix or extraction issues
LCS/LCSD	Acceptable with qualification	Compound-specific recovery and precision deviations
Holding Time / Preservation	Acceptable	All samples within method requirements

Table A-22. Summary of Data Qualification

Sample	Compound	Result (µg/L)	Lab Flag	Validator Qualifier	Interpretation
MW-9	cis-1,2-Dichloroethylene	424	—	—	Valid detection
MW-9	trans-1,2-Dichloroethylene	23.3	—	—	Valid detection
MW-9	Trichloroethylene	0.610	—	—	Valid detection
MW-9	Tetrachloroethylene	0.310	J	J	Estimated
MW-10	Chloroform	16.6	—	U	Field contamination artifact
MW-10	Bromodichloromethane	1.80	—	U	Field contamination artifact
MW-11R	Acetone	258	CAL-E	J+	High bias due to calibration
MW-11R	2-Hexanone	0.910	CCVE/ICVE	J	Estimated
MW-13R	Acetone	3.40	ICVE	J	Estimated
MW-15	Acetone	3.05	ICVE	J	Estimated

QA/QC Interpretation

The QA/QC evaluation for SDG 26B1152 indicates that analytical performance is acceptable overall, with compound-specific limitations identified. Calibration data demonstrate acceptable instrument performance with localized variability affecting light volatile compounds and ketones. These effects result in estimated (J) or high-bias estimated (J+) qualifiers for selected analytes.

Blank evaluation identified the presence of volatile organic compounds in field and trip blanks, indicating contamination introduced during sampling and transport. Application of blank qualification criteria confirms that trihalomethane detections in sample MW-10 are not representative of groundwater conditions and are attributed to field contamination.

Surrogate recoveries and internal standard performance confirm stable analytical conditions and absence of significant matrix interference. Laboratory control samples indicate acceptable accuracy and precision overall, with compound-specific deviations that do not affect the dataset as a whole.

Holding time, preservation, and sample receipt conditions meet all method requirements and do not impact data usability.

Final Data Usability Determination

The analytical dataset for SDG 26B1152 is considered **ACCEPTABLE WITH QUALIFICATIONS**. Chlorinated solvent detections in sample MW-9 are valid and fully usable for environmental interpretation, representing confirmed groundwater contamination. Trihalomethane detections in sample MW-10 are determined to be artifacts of field contamination and are re-qualified as non-detect. Ketone compounds, including acetone and 2-hexanone, are affected by calibration variability and blank influence and are qualified as estimated.

No analytical results are rejected. The applied data qualifiers appropriately reflect identified uncertainties and do not compromise the overall usability of the dataset. The data are suitable for environmental assessment and regulatory decision-making within the limitations described.

Appendix B: Regulatory Framework Used for QA/QC

The data validation and quality assurance/quality control (QA/QC) review conducted for **SDG 26B1152** was performed in accordance with applicable federal and state analytical guidance documents governing environmental laboratory data quality and usability.

The following regulatory and technical guidance documents were used as the primary framework for evaluating the analytical data.

B.1 U.S. EPA SW-846 Test Methods

The analytical procedures used for the determination of volatile organic compounds (VOCs) were conducted in accordance with the U.S. Environmental Protection Agency (USEPA) *Test Methods for Evaluating Solid Waste, Physical/Chemical Methods (SW-846)*.

The following analytical methods were applied:

Method	Description
EPA Method 8260D	Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)
EPA Method 5030B	Purge-and-Trap Sample Preparation for VOCs

These methods establish requirements for:

- Instrument calibration
- Quality control procedures
- Detection limits
- Analytical performance criteria

The SW-846 methods provide the analytical framework for VOC determination in environmental matrices, including groundwater.

Laboratory analytical procedures are consistent with EPA SW-846 Method 8260D requirements, and any internal standard method references do not affect compliance with project-specific analytical criteria.

B.2 NYSDEC Analytical Services Protocol (ASP)

The New York State Department of Environmental Conservation (NYSDEC) Analytical Services Protocol (ASP) provides guidance for:

- Laboratory analytical requirements
- Quality control procedures
- Data validation criteria
- Reporting standards for environmental investigations

The ASP establishes procedures for validation of laboratory data packages and includes requirements for:

QA/QC Component	ASP Requirement
Initial Calibration	Multi-point calibration curve
Continuing Calibration	Periodic instrument verification
Method Blanks	Evaluation of laboratory contamination
Field/Trip Blanks	Evaluation of sampling and transport contamination
Surrogate Recovery	Assessment of extraction efficiency
Internal Standards	Monitoring of instrument performance
Holding Times	Verification of sample preservation compliance
Blank Qualification	Application of 5× rule for evaluation of field and trip blank contamination

The ASP guidance also defines the **data validation forms (Forms I–X)** used in this Data Usability Summary Report. The analytical data were validated in accordance with the NYSDEC ASP, which provides standardized procedures for laboratory analytical deliverables and data validation.

B.3 EPA Region II Data Validation Guidance

Data validation procedures were also conducted using guidance developed by U.S. EPA Region II, which provides detailed procedures for evaluating laboratory analytical data packages submitted under environmental programs.

EPA Region II validation guidance establishes criteria for evaluating:

- Calibration data
- Method blank contamination
- Laboratory control sample performance
- Internal standard performance
- Surrogate recoveries
- Compound identification

The guidance also provides standardized data qualifiers applied during the validation process.

B.4 Laboratory Accreditation and Quality Standards

The laboratory performing the analytical work (ALS Environmental – Stratford) is accredited under multiple state certification programs and follows established quality assurance procedures.

Laboratory accreditation includes:

Accreditation Authority	Certification
New York State Department of Health (NYSDOH)	Environmental Laboratory Approval Program
Connecticut Department of Public Health	Environmental Laboratory Certification
New Jersey Department of Environmental Protection	Environmental Laboratory Certification
Pennsylvania Department of Environmental Protection	Laboratory Accreditation

These certifications confirm that the laboratory maintains analytical procedures consistent with national environmental laboratory standards.

B.5 Data Validation Qualifiers

Data validation qualifiers used in this report follow conventions established under EPA and NYSDEC validation guidance.

Qualifier	Definition
U	Not detected. The associated value represents the reporting limit.
J	Estimated value. Quantitation uncertainty exceeds method expectations.
J-	Estimated value biased low.
J+	Estimated value biased high.
UJ	Not detected; reporting limit is estimated or uncertain.
N	Tentative identification. Presence of compound is indicated but confirmation is uncertain.
R	Rejected result. Data are unusable due to significant QC failure.

These qualifiers are applied where necessary to communicate the quality and reliability of reported analytical results.

B.6 Data Usability Determination

The QA/QC review conducted in this DUSR evaluated analytical data using the regulatory framework described above.

The data validation process included evaluation of:

- Instrument calibration
- Method blanks
- Field and trip blanks
- Surrogate recoveries
- Internal standards
- Holding times
- Compound identification criteria

Based on the evaluation of these QA/QC elements, the analytical data generated for SDG 26B1152 are considered valid and suitable for environmental interpretation and regulatory decision-making, with compound-specific qualifications applied to address calibration variability and blank-related contamination, including re-qualification of selected results as non-detect where appropriate.

APPENDIX C: ALS ENVIRONMENTAL NY ASP DATA DELIVERABLE PACKAGE 26B1152

This appendix provides a reference to the laboratory analytical data package and supporting quality assurance/quality control documentation used during the preparation of this Data Usability Summary Report (DUSR).

The laboratory analytical data package contains the raw analytical results and quality control information generated during the analysis of groundwater samples associated with **SDG 26B1152**.

C.1 Laboratory Analytical Report

The primary laboratory report was prepared by **ALS Environmental – Stratford, Connecticut**, and contains the analytical results for volatile organic compounds (VOCs) analyzed in groundwater samples.

Parameter	Description
Laboratory	ALS Environmental – Stratford
Client	Hydro Tech Environmental
Project	230051 – 170 Freeman Rd Brooklyn NY
SDG	26B1152
Report Date	03/09/2026

The laboratory report includes:

- Sample receipt documentation
- Analytical results tables
- Method references
- Data qualifiers
- Case narrative

C.2 Laboratory ASP Data Package

The Analytical Services Protocol (ASP) data package contains the detailed quality control information required for data validation and preparation of the DUSR.

The ASP data package includes the following components:

Data Package Component	Description
Sample Analytical Results	VOC concentrations for environmental samples
Calibration Data	Initial calibration (ICAL) and continuing calibration verification (CCV)
Instrument Tuning Records	GC/MS performance verification (BFB tuning)
Method Blank Results	Laboratory contamination evaluation
Field and Trip Blank Results	Sampling and transport contamination evaluation
Laboratory Control Samples (LCS/LCSD)	Accuracy and precision assessment
Surrogate Recoveries	Sample preparation efficiency
Internal Standard Performance	Instrument stability verification
Batch Summary Reports	Analytical batch documentation
Calibration Check Standards (CCC/SPCC)	Verification of instrument performance during CCV

C.3 Samples Included in the Analytical Package

The laboratory data package includes analytical results for the following groundwater samples and quality control samples:

Laboratory Sample ID	Client Sample ID	Sample Type
26B1152-01	MW-9	Groundwater
26B1152-02	MW-10	Groundwater
26B1152-03	MW-11R	Groundwater (MS/MSD)
26B1152-04	MW-13R	Groundwater
26B1152-05	MW-14	Groundwater
26B1152-06	MW-15	Groundwater
26B1152-07	FB-1	Field Blank
26B1152-08	TB-1	Trip Blank
26B1152-09	BLK1	Method Blank
26B1152-10	LCS	Laboratory Control Sample
26B1152-11	LCSD	Laboratory Control Sample Duplicate

Sample MW-11R was analyzed as a matrix spike/matrix spike duplicate (MS/MSD) sample, and associated QC data were evaluated as part of the laboratory quality control review.

C.4 Analytical Methods Applied

The laboratory analyses included in this data package were performed using the following methods:

Method	Description
EPA SW-846 Method 8260D	Volatile Organic Compounds by GC/MS
EPA SW-846 Method 5030B	Purge-and-Trap Sample Preparation

These batches include initial calibration (ICAL), continuing calibration verification (CCV), and all associated quality control elements evaluated in Forms II and III of this report. These methods are widely used for the determination of volatile organic contaminants in environmental water samples.

C.5 Quality Control Batches

The analytical data were generated within the following laboratory QC batches:

QC Batch ID	Description
SB60017	VOC analytical batch (GC/MS VOA system)
SB60019	VOC analytical batch (GC/MS VOA system)
BB61548	Laboratory QC batch (blank, LCS/LCSD)
BC60272	Laboratory QC batch (surrogates and QC samples)

These batches include all associated calibration checks, blanks, surrogate recoveries, and internal standard performance data used for validation. All environmental samples were processed within the identified QC batches, and associated method blanks were evaluated to confirm the absence of laboratory contamination impacting sample results.

C.6 Data Validation Scope

The DUSR validation review utilized the following components from the laboratory data package:

Validation Element	Reference Section
Sample analytical results	Laboratory analytical report
Calibration data	ASP calibration records (Forms II and III)
QC samples	ASP QC summary tables
Blank analyses	ASP blank reports
Surrogate recoveries	ASP surrogate recovery tables
Internal standard performance	ASP instrument performance records

These components were evaluated during preparation of **Forms I–X** included in this report.

C.7 Data Package Availability

The complete laboratory analytical and QA/QC data packages are maintained as supporting documentation for this Data Usability Summary Report and include:

- Full analytical results
- Raw instrument data summaries
- Calibration records
- Quality control sample results
- Chain-of-custody documentation

The data package also includes electronic data deliverables (EDD) where applicable.

These documents provide the technical basis used to determine the quality and usability of the analytical dataset.

26B1152

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Technical Report

prepared for:

Hydro Tech Environmental

231 West 29th Street, Suite 1104

New York NY, 10001

Attention: Paul Matli

Report Date: 03/09/2026

Client Project ID: 230051-170 Freeman Rd Brooklyn NY

Project (SDG) No.: 26B1152

Hydro Tech Environmental
231 West 29th Street, Suite 1104
New York NY, 10001
Attention: Paul Matli

General Notes

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on February 27, 2026 and listed below. The project was identified as your project: **230051-170 Freeman Rd Brooklyn NY**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the **Sample and Analysis Qualifiers** section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the **Sample and Data Qualifiers Relating to This Work Order** section of this report and case narrative if applicable.

All Standard method references are based on the 24th Edition of Standard Methods unless otherwise noted.

The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.

Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.

ALS's liability for the above data is limited to the dollar value paid to ALS for the referenced project.

This report shall not be reproduced without the written approval of ALS.

All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information

It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.

This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by ALS.

Analyses conducted at ALS Environmental - Richmond Hill - Stratford, CT are indicated by NYDOH-NY10854, NJDEP-CT005, PADEP-68-04440, CTDPH-PH0840; those conducted at ALS Environmental - Richmond Hill, NY are indicated by NYDOH-NY12058, NJDEP-NY037, CTDPH-PH0837, NHDES-NH2097, MDDEP-375, PADEP-68-06231.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

Approved By:



Cassie Mosher
Laboratory Manager Stratford

Client:	Hydro Tech Environmental	Sample ID:	26B1152-01
Client Project:	230051-170 Freeman Rd Brooklyn NY	Date Received:	02/27/2026
Client Sample ID:	MW-9 (2026 27 02)	Collection Date/Time:	2/27/26 11:00

Lab ID:	26B1152-01	Laboratory:	ALS Environmental - Stratford
Analysis:	Volatile Organic Compounds by GC/MS	Matrix:	Ground Water
Prep Method:	Sample Prepared by Method: EPA 5030B		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
1,1,1,2-Tetrachloroethane	ND		0.216	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
1,1,1-Trichloroethane	ND		0.266	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
1,1,2,2-Tetrachloroethane	ND		0.256	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		0.286	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
1,1,2-Trichloroethane	ND		0.249	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
1,1-Dichloroethane	ND		0.272	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
1,1-Dichloroethylene	ND		0.327	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
1,2,3-Trichlorobenzene	ND		0.222	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
1,2,3-Trichloropropane	ND		0.273	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
1,2,4-Trichlorobenzene	ND		0.138	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
1,2,4-Trimethylbenzene	ND		0.310	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
1,2-Dibromo-3-chloropropane	ND		0.432	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
1,2-Dibromoethane	ND		0.215	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
1,2-Dichlorobenzene	ND		0.270	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
1,2-Dichloroethane	ND		0.377	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
1,2-Dichloropropane	ND		0.327	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
1,3,5-Trimethylbenzene	ND		0.347	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
1,3-Dichlorobenzene	ND		0.283	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
1,4-Dichlorobenzene	ND		0.311	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
2-Butanone	ND		0.421	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
2-Hexanone	ND		0.320	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
4-Methyl-2-pentanone	ND		0.365	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
Acetone	1.61	J	1.34	2.00	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
Acrolein	ND	ICVE	0.447	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
Acrylonitrile	ND		0.422	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
Benzene	ND		0.279	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
Bromochloromethane	ND		0.354	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
Bromodichloromethane	ND		0.245	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
Bromoform	ND		0.163	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
Bromomethane	ND	CCVE	0.500	2.00	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
Carbon disulfide	ND		0.362	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
Carbon tetrachloride	ND		0.204	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
Chlorobenzene	ND		0.284	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
Chloroethane	ND		0.448	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
Chloroform	ND		0.243	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
Chloromethane	ND	CCVE	0.372	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
cis-1,2-Dichloroethylene	424		14.7	25.0	50	ug/L	EPA 8260D	2/28/26 7:00	3/ 5/26 14:21	THD
cis-1,3-Dichloropropylene	ND		0.262	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
Cyclohexane	ND		0.491	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
Dibromochloromethane	ND		0.146	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
Dibromomethane	ND		0.203	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD

3

* Analyte is not certified or the state of the samples origination does not offer certification for the Analyte

Client:	Hydro Tech Environmental						Sample ID:	26B1152-01			
Client Project:	230051-170 Freeman Rd Brooklyn NY					Date Received:		02/27/2026			
Client Sample ID:	MW-9 (2026 27 02)					Collection Date/Time:		2/27/26 11:00			
Lab ID:	26B1152-01					Laboratory:	ALS Environmental - Stratford				
Analysis:	Volatile Organic Compounds by GC/MS					Matrix:	Ground Water				
Prep Method:	Sample Prepared by Method: EPA 5030B										
Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst	
Dichlorodifluoromethane	ND	CCVE, ICVE, QL-02	0.451	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD	
Ethyl Benzene	ND		0.290	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD	
Hexachlorobutadiene	ND		0.241	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD	
Isopropylbenzene	ND		0.405	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD	
Methyl acetate	ND		0.442	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD	
Methyl tert-butyl ether (MTBE)	ND	ICVE	0.244	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD	
Methylcyclohexane	ND	CCVE	0.477	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD	
Methylene chloride	ND		0.397	2.00	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD	
n-Butylbenzene	ND		0.399	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD	
n-Propylbenzene	ND		0.384	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD	
o-Xylene	ND		0.261	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD	
p- & m- Xylenes	ND		0.578	1.00	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD	
p-Isopropyltoluene	ND		0.377	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD	
sec-Butylbenzene	ND		0.444	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD	
Styrene	ND		0.255	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD	
tert-Butyl alcohol (TBA)	ND		CCVE	0.608	1.00	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
tert-Butylbenzene	ND		0.367	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD	
Tetrachloroethylene	0.310		J	0.239	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD
Toluene	ND		0.346	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD	
trans-1,2-Dichloroethylene	23.3		0.279	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD	
trans-1,3-Dichloropropylene	ND		0.229	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD	
trans-1,4-dichloro-2-butene	ND	0.283	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD		
Trichloroethylene	0.610	0.249	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD		
Trichlorofluoromethane	ND	0.337	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD		
Vinyl Chloride	ND	CCVE	0.469	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD	
Xylenes, Total	ND	0.839	1.50	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:25	THD		
Surrogate Recoveries			Result	Flag	Acceptance Range		Reference Method	Analyzed			
<i>Surrogate: SURR: 1,2-Dichloroethane-d4</i>			<i>99.6 %</i>		<i>69-130</i>		<i>EPA 8260D</i>	<i>3/ 5/26 14:21</i>			
<i>Surrogate: SURR: 1,2-Dichloroethane-d4</i>			<i>114 %</i>		<i>69-130</i>		<i>EPA 8260D</i>	<i>2/28/26 12:25</i>			
<i>Surrogate: SURR: Toluene-d8</i>			<i>107 %</i>		<i>81-117</i>		<i>EPA 8260D</i>	<i>2/28/26 12:25</i>			
<i>Surrogate: SURR: Toluene-d8</i>			<i>102 %</i>		<i>81-117</i>		<i>EPA 8260D</i>	<i>3/ 5/26 14:21</i>			
<i>Surrogate: SURR: p-Bromofluorobenzene</i>			<i>108 %</i>		<i>79-122</i>		<i>EPA 8260D</i>	<i>2/28/26 12:25</i>			
<i>Surrogate: SURR: p-Bromofluorobenzene</i>			<i>110 %</i>		<i>79-122</i>		<i>EPA 8260D</i>	<i>3/ 5/26 14:21</i>			
Client:	Hydro Tech Environmental					Sample ID:		26B1152-02			
Client Project:	230051-170 Freeman Rd Brooklyn NY					Date Received:		02/27/2026			
Client Sample ID:	MW-10 (2026 27 02)					Collection Date/Time:		2/27/26 11:25			
Lab ID:	26B1152-02					Laboratory:	ALS Environmental - Stratford				

Client:	Hydro Tech Environmental	Sample ID:	26B1152-02
Client Project:	230051-170 Freeman Rd Brooklyn NY	Date Received:	02/27/2026
Client Sample ID:	MW-10 (2026 27 02)	Collection Date/Time:	2/27/26 11:25

Lab ID: 26B1152-02				Laboratory: ALS Environmental - Stratford						
Analysis: Volatile Organic Compounds by GC/MS				Matrix: Ground Water						
Prep Method: Sample Prepared by Method: EPA 5030B										
Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
1,1,1,2-Tetrachloroethane	ND		0.216	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
1,1,1-Trichloroethane	ND		0.266	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
1,1,2,2-Tetrachloroethane	ND		0.256	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		0.286	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
1,1,2-Trichloroethane	ND		0.249	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
1,1-Dichloroethane	ND		0.272	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
1,1-Dichloroethylene	ND		0.327	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
1,2,3-Trichlorobenzene	ND		0.222	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
1,2,3-Trichloropropane	ND		0.273	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
1,2,4-Trichlorobenzene	ND		0.138	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
1,2,4-Trimethylbenzene	ND		0.310	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
1,2-Dibromo-3-chloropropane	ND		0.432	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
1,2-Dibromoethane	ND		0.215	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
1,2-Dichlorobenzene	ND		0.270	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
1,2-Dichloroethane	ND		0.377	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
1,2-Dichloropropane	ND		0.327	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
1,3,5-Trimethylbenzene	ND		0.347	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
1,3-Dichlorobenzene	ND		0.283	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
1,4-Dichlorobenzene	ND		0.311	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
2-Butanone	ND		0.421	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
2-Hexanone	ND		0.320	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
4-Methyl-2-pentanone	ND		0.365	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
Acetone	ND		1.34	2.00	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
Acrolein	ND	ICVE	0.447	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
Acrylonitrile	ND		0.422	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
Benzene	ND		0.279	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
Bromochloromethane	ND		0.354	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
Bromodichloromethane	1.80		0.245	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
Bromoform	ND		0.163	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
Bromomethane	ND	CCVE	0.500	2.00	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
Carbon disulfide	ND		0.362	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
Carbon tetrachloride	ND		0.204	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
Chlorobenzene	ND		0.284	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
Chloroethane	ND		0.448	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
Chloroform	16.6		0.243	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
Chloromethane	ND	CCVE	0.372	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
cis-1,2-Dichloroethylene	ND		0.294	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
cis-1,3-Dichloropropylene	ND		0.262	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
Cyclohexane	ND		0.491	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
Dibromochloromethane	ND		0.146	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
Dibromomethane	ND		0.203	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD

Client:	Hydro Tech Environmental	Sample ID:	26B1152-02
Client Project:	230051-170 Freeman Rd Brooklyn NY	Date Received:	02/27/2026
Client Sample ID:	MW-10 (2026 27 02)	Collection Date/Time:	2/27/26 11:25

Lab ID:	26B1152-02	Laboratory:	ALS Environmental - Stratford
Analysis:	Volatile Organic Compounds by GC/MS	Matrix:	Ground Water
Prep Method:	Sample Prepared by Method: EPA 5030B		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
Dichlorodifluoromethane	ND	CCVE, ICVE, QL-02	0.451	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
Ethyl Benzene	ND		0.290	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
Hexachlorobutadiene	ND		0.241	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
Isopropylbenzene	ND		0.405	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
Methyl acetate	ND		0.442	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
Methyl tert-butyl ether (MTBE)	ND	ICVE	0.244	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
Methylcyclohexane	ND	CCVE	0.477	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
Methylene chloride	ND		0.397	2.00	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
n-Butylbenzene	ND		0.399	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
n-Propylbenzene	ND		0.384	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
o-Xylene	ND		0.261	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
p- & m- Xylenes	ND		0.578	1.00	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
p-Isopropyltoluene	ND		0.377	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
sec-Butylbenzene	ND		0.444	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
Styrene	ND		0.255	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
tert-Butyl alcohol (TBA)	ND		0.608	1.00	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
tert-Butylbenzene	ND		0.367	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
Tetrachloroethylene	ND		0.239	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
Toluene	ND		0.346	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
trans-1,2-Dichloroethylene	ND		0.279	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
trans-1,3-Dichloropropylene	ND		0.229	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
trans-1,4-dichloro-2-butene	ND		0.283	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
Trichloroethylene	ND		0.249	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
Trichlorofluoromethane	ND		0.337	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
Vinyl Chloride	ND		0.469	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD
Xylenes, Total	ND		0.839	1.50	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 12:55	THD

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	114 %		69-130	EPA 8260D	2/28/26 12:55
Surrogate: SURR: Toluene-d8	111 %		81-117	EPA 8260D	2/28/26 12:55
Surrogate: SURR: p-Bromofluorobenzene	106 %		79-122	EPA 8260D	2/28/26 12:55

Client:	Hydro Tech Environmental	Sample ID:	26B1152-03
Client Project:	230051-170 Freeman Rd Brooklyn NY	Date Received:	02/27/2026
Client Sample ID:	MW-11R MS/MSD (2026 27 02)	Collection Date/Time:	2/27/26 10:15

Lab ID:	26B1152-03	Laboratory:	ALS Environmental - Stratford
Analysis:	Volatile Organic Compounds by GC/MS	Matrix:	Ground Water
Prep Method:	Sample Prepared by Method: EPA 5030B		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst

Client:	Hydro Tech Environmental	Sample ID:	26B1152-03
Client Project:	230051-170 Freeman Rd Brooklyn NY	Date Received:	02/27/2026
Client Sample ID:	MW-11R MS/MSD (2026 27 02)	Collection Date/Time:	2/27/26 10:15

Lab ID: 26B1152-03				Laboratory: ALS Environmental - Stratford						
Analysis: Volatile Organic Compounds by GC/MS				Matrix: Ground Water						
Prep Method: Sample Prepared by Method: EPA 5030B										
Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
1,1,1,2-Tetrachloroethane	ND		0.216	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
1,1,1-Trichloroethane	ND		0.266	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
1,1,2,2-Tetrachloroethane	ND		0.256	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		0.286	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
1,1,2-Trichloroethane	ND		0.249	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
1,1-Dichloroethane	ND		0.272	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
1,1-Dichloroethylene	ND		0.327	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
1,2,3-Trichlorobenzene	ND		0.222	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
1,2,3-Trichloropropane	ND		0.273	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
1,2,4-Trichlorobenzene	ND		0.138	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
1,2,4-Trimethylbenzene	ND		0.310	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
1,2-Dibromo-3-chloropropane	ND		0.432	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
1,2-Dibromoethane	ND		0.215	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
1,2-Dichlorobenzene	ND		0.270	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
1,2-Dichloroethane	ND		0.377	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
1,2-Dichloropropane	ND		0.327	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
1,3,5-Trimethylbenzene	ND		0.347	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
1,3-Dichlorobenzene	ND		0.283	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
1,4-Dichlorobenzene	ND		0.311	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
2-Butanone	ND		0.421	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
2-Hexanone	0.910	CCVE, ICVE, QL-02	0.320	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
4-Methyl-2-pentanone	ND		0.365	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
Acetone	258	CAL-E, CCVE, QL-02	67.0	100	50	ug/L	EPA 8260D	2/28/26 7:00	3/ 5/26 14:50	THD
Acrolein	ND	ICVE	0.447	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
Acrylonitrile	ND		0.422	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
Benzene	ND		0.279	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
Bromochloromethane	ND		0.354	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
Bromodichloromethane	ND		0.245	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
Bromoform	ND		0.163	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
Bromomethane	ND	CCVE	0.500	2.00	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
Carbon disulfide	ND		0.362	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
Carbon tetrachloride	ND		0.204	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
Chlorobenzene	ND		0.284	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
Chloroethane	ND		0.448	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
Chloroform	ND		0.243	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
Chloromethane	ND	CCVE	0.372	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
cis-1,2-Dichloroethylene	3.95		0.294	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
cis-1,3-Dichloropropylene	ND		0.262	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
Cyclohexane	ND		0.491	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
Dibromochloromethane	ND		0.146	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD

* Analyte is not certified or the state of the samples origination does not offer certification for the Analyte

Client:	Hydro Tech Environmental	Sample ID:	26B1152-03
Client Project:	230051-170 Freeman Rd Brooklyn NY	Date Received:	02/27/2026
Client Sample ID:	MW-11R MS/MSD (2026 27 02)	Collection Date/Time:	2/27/26 10:15

Lab ID:	26B1152-03	Laboratory:	ALS Environmental - Stratford
Analysis:	Volatile Organic Compounds by GC/MS	Matrix:	Ground Water
Prep Method:	Sample Prepared by Method: EPA 5030B		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
Dibromomethane	ND	CCVE, ICVE, QL-02	0.203	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
Dichlorodifluoromethane	ND		0.451	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
Ethyl Benzene	ND		0.290	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
Hexachlorobutadiene	ND		0.241	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
Isopropylbenzene	ND		0.405	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
Methyl acetate	ND	ICVE	0.442	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
Methyl tert-butyl ether (MTBE)	ND		0.244	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
Methylcyclohexane	ND		0.477	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
Methylene chloride	ND	CCVE	0.397	2.00	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
n-Butylbenzene	ND		0.399	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
n-Propylbenzene	ND		0.384	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
o-Xylene	ND		0.261	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
p- & m- Xylenes	ND	CCVE	0.578	1.00	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
p-Isopropyltoluene	ND		0.377	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
sec-Butylbenzene	ND		0.444	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
Styrene	ND		0.255	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
tert-Butyl alcohol (TBA)	ND		0.608	1.00	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
tert-Butylbenzene	ND		0.367	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
Tetrachloroethylene	ND		0.239	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
Toluene	ND		0.346	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
trans-1,2-Dichloroethylene	ND		0.279	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
trans-1,3-Dichloropropylene	ND		0.229	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
trans-1,4-dichloro-2-butene	ND		0.283	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
Trichloroethylene	ND	CCVE	0.249	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
Trichlorofluoromethane	ND		0.337	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
Vinyl Chloride	ND		0.469	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD
Xylenes, Total	ND		0.839	1.50	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:24	THD

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	100 %		69-130	EPA 8260D	3/ 5/26 14:50
Surrogate: SURR: 1,2-Dichloroethane-d4	116 %		69-130	EPA 8260D	2/28/26 13:24
Surrogate: SURR: Toluene-d8	103 %		81-117	EPA 8260D	3/ 5/26 14:50
Surrogate: SURR: Toluene-d8	106 %		81-117	EPA 8260D	2/28/26 13:24
Surrogate: SURR: p-Bromofluorobenzene	112 %		79-122	EPA 8260D	3/ 5/26 14:50
Surrogate: SURR: p-Bromofluorobenzene	106 %		79-122	EPA 8260D	2/28/26 13:24

Client:	Hydro Tech Environmental	Sample ID:	26B1152-04
Client Project:	230051-170 Freeman Rd Brooklyn NY	Date Received:	02/27/2026
Client Sample ID:	MW-13R (2026 27 02)	Collection Date/Time:	2/27/26 13:00

Client:	Hydro Tech Environmental	Sample ID:	26B1152-04
Client Project:	230051-170 Freeman Rd Brooklyn NY	Date Received:	02/27/2026
Client Sample ID:	MW-13R (2026 27 02)	Collection Date/Time:	2/27/26 13:00

Lab ID:	26B1152-04	Laboratory:	ALS Environmental - Stratford
Analysis:	Volatile Organic Compounds by GC/MS	Matrix:	Ground Water
Prep Method:	Sample Prepared by Method: EPA 5030B		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
1,1,1,2-Tetrachloroethane	ND		0.216	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
1,1,1-Trichloroethane	ND		0.266	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
1,1,2,2-Tetrachloroethane	ND		0.256	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		0.286	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
1,1,2-Trichloroethane	ND		0.249	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
1,1-Dichloroethane	ND		0.272	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
1,1-Dichloroethylene	ND		0.327	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
1,2,3-Trichlorobenzene	ND		0.222	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
1,2,3-Trichloropropane	ND		0.273	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
1,2,4-Trichlorobenzene	ND		0.138	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
1,2,4-Trimethylbenzene	ND		0.310	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
1,2-Dibromo-3-chloropropane	ND		0.432	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
1,2-Dibromoethane	ND		0.215	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
1,2-Dichlorobenzene	ND		0.270	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
1,2-Dichloroethane	ND		0.377	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
1,2-Dichloropropane	ND		0.327	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
1,3,5-Trimethylbenzene	ND		0.347	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
1,3-Dichlorobenzene	ND		0.283	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
1,4-Dichlorobenzene	ND		0.311	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
2-Butanone	ND		0.421	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
2-Hexanone	ND		0.320	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
4-Methyl-2-pentanone	ND		0.365	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
Acetone	3.40	CCVE, ICVE, QL-02	1.34	2.00	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
Acrolein	ND	ICVE	0.447	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
Acrylonitrile	ND		0.422	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
Benzene	ND		0.279	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
Bromochloromethane	ND		0.354	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
Bromodichloromethane	ND		0.245	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
Bromoform	ND		0.163	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
Bromomethane	ND	CCVE	0.500	2.00	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
Carbon disulfide	ND		0.362	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
Carbon tetrachloride	ND		0.204	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
Chlorobenzene	ND		0.284	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
Chloroethane	ND		0.448	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
Chloroform	ND		0.243	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
Chloromethane	ND	CCVE	0.372	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
cis-1,2-Dichloroethylene	ND		0.294	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
cis-1,3-Dichloropropylene	ND		0.262	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
Cyclohexane	ND		0.491	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
Dibromochloromethane	ND		0.146	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
Dibromomethane	ND		0.203	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD

Client:	Hydro Tech Environmental	Sample ID:	26B1152-04
Client Project:	230051-170 Freeman Rd Brooklyn NY	Date Received:	02/27/2026
Client Sample ID:	MW-13R (2026 27 02)	Collection Date/Time:	2/27/26 13:00

Lab ID:	26B1152-04	Laboratory:	ALS Environmental - Stratford
Analysis:	Volatile Organic Compounds by GC/MS	Matrix:	Ground Water
Prep Method:	Sample Prepared by Method: EPA 5030B		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
Dichlorodifluoromethane	ND	CCVE, ICVE, QL-02	0.451	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
Ethyl Benzene	ND		0.290	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
Hexachlorobutadiene	ND		0.241	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
Isopropylbenzene	ND		0.405	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
Methyl acetate	ND		0.442	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
Methyl tert-butyl ether (MTBE)	ND	ICVE	0.244	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
Methylcyclohexane	ND		0.477	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
Methylene chloride	ND	CCVE	0.397	2.00	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
n-Butylbenzene	ND		0.399	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
n-Propylbenzene	ND		0.384	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
o-Xylene	ND		0.261	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
p- & m- Xylenes	ND	CCVE	0.578	1.00	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
p-Isopropyltoluene	ND		0.377	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
sec-Butylbenzene	ND		0.444	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
Styrene	ND		0.255	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
tert-Butyl alcohol (TBA)	ND		0.608	1.00	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
tert-Butylbenzene	ND		0.367	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
Tetrachloroethylene	ND		0.239	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
Toluene	ND		0.346	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
trans-1,2-Dichloroethylene	ND		0.279	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
trans-1,3-Dichloropropylene	ND		0.229	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
trans-1,4-dichloro-2-butene	ND		0.283	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
Trichloroethylene	ND	CCVE	0.249	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
Trichlorofluoromethane	ND		0.337	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
Vinyl Chloride	ND		0.469	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD
Xylenes, Total	ND		0.839	1.50	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 13:54	THD

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	114 %		69-130	EPA 8260D	2/28/26 13:54
Surrogate: SURR: Toluene-d8	109 %		81-117	EPA 8260D	2/28/26 13:54
Surrogate: SURR: p-Bromofluorobenzene	106 %		79-122	EPA 8260D	2/28/26 13:54

Client:	Hydro Tech Environmental	Sample ID:	26B1152-05
Client Project:	230051-170 Freeman Rd Brooklyn NY	Date Received:	02/27/2026
Client Sample ID:	MW-14 (2026 27 02)	Collection Date/Time:	2/27/26 12:25

Lab ID:	26B1152-05	Laboratory:	ALS Environmental - Stratford
Analysis:	Volatile Organic Compounds by GC/MS	Matrix:	Ground Water
Prep Method:	Sample Prepared by Method: EPA 5030B		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst

Client:	Hydro Tech Environmental	Sample ID:	26B1152-05
Client Project:	230051-170 Freeman Rd Brooklyn NY	Date Received:	02/27/2026
Client Sample ID:	MW-14 (2026 27 02)	Collection Date/Time:	2/27/26 12:25

Lab ID: 26B1152-05				Laboratory: ALS Environmental - Stratford						
Analysis: Volatile Organic Compounds by GC/MS				Matrix: Ground Water						
Prep Method: Sample Prepared by Method: EPA 5030B										
Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
1,1,1,2-Tetrachloroethane	ND		0.216	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
1,1,1-Trichloroethane	ND		0.266	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
1,1,2,2-Tetrachloroethane	ND		0.256	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		0.286	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
1,1,2-Trichloroethane	ND		0.249	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
1,1-Dichloroethane	ND		0.272	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
1,1-Dichloroethylene	ND		0.327	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
1,2,3-Trichlorobenzene	ND		0.222	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
1,2,3-Trichloropropane	ND		0.273	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
1,2,4-Trichlorobenzene	ND		0.138	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
1,2,4-Trimethylbenzene	ND		0.310	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
1,2-Dibromo-3-chloropropane	ND		0.432	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
1,2-Dibromoethane	ND		0.215	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
1,2-Dichlorobenzene	ND		0.270	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
1,2-Dichloroethane	ND		0.377	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
1,2-Dichloropropane	ND		0.327	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
1,3,5-Trimethylbenzene	ND		0.347	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
1,3-Dichlorobenzene	ND		0.283	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
1,4-Dichlorobenzene	ND		0.311	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
2-Butanone	ND		0.421	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
2-Hexanone	ND		0.320	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
4-Methyl-2-pentanone	ND		0.365	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
Acetone	ND		1.34	2.00	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
Acrolein	ND	ICVE	0.447	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
Acrylonitrile	ND		0.422	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
Benzene	ND		0.279	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
Bromochloromethane	ND		0.354	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
Bromodichloromethane	ND		0.245	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
Bromoform	ND		0.163	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
Bromomethane	ND	CCVE	0.500	2.00	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
Carbon disulfide	ND		0.362	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
Carbon tetrachloride	ND		0.204	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
Chlorobenzene	ND		0.284	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
Chloroethane	ND		0.448	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
Chloroform	ND		0.243	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
Chloromethane	ND	CCVE	0.372	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
cis-1,2-Dichloroethylene	ND		0.294	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
cis-1,3-Dichloropropylene	ND		0.262	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
Cyclohexane	ND		0.491	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
Dibromochloromethane	ND		0.146	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
Dibromomethane	ND		0.203	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD

* Analyte is not certified or the state of the samples origination does not offer certification for the Analyte

Client:	Hydro Tech Environmental	Sample ID:	26B1152-05
Client Project:	230051-170 Freeman Rd Brooklyn NY	Date Received:	02/27/2026
Client Sample ID:	MW-14 (2026 27 02)	Collection Date/Time:	2/27/26 12:25

Lab ID:	26B1152-05	Laboratory:	ALS Environmental - Stratford
Analysis:	Volatile Organic Compounds by GC/MS	Matrix:	Ground Water
Prep Method:	Sample Prepared by Method: EPA 5030B		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
Dichlorodifluoromethane	ND	CCVE, ICVE, QL-02	0.451	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
Ethyl Benzene	ND		0.290	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
Hexachlorobutadiene	ND		0.241	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
Isopropylbenzene	ND		0.405	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
Methyl acetate	ND		0.442	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
Methyl tert-butyl ether (MTBE)	ND	ICVE	0.244	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
Methylcyclohexane	ND	CCVE	0.477	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
Methylene chloride	ND		0.397	2.00	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
n-Butylbenzene	ND		0.399	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
n-Propylbenzene	ND		0.384	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
o-Xylene	ND		0.261	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
p- & m- Xylenes	ND		0.578	1.00	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
p-Isopropyltoluene	ND		0.377	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
sec-Butylbenzene	ND		0.444	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
Styrene	ND		0.255	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
tert-Butyl alcohol (TBA)	ND		0.608	1.00	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
tert-Butylbenzene	ND		0.367	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
Tetrachloroethylene	ND		0.239	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
Toluene	ND		0.346	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
trans-1,2-Dichloroethylene	ND		0.279	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
trans-1,3-Dichloropropylene	ND		0.229	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
trans-1,4-dichloro-2-butene	ND		0.283	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
Trichloroethylene	ND		0.249	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
Trichlorofluoromethane	ND		0.337	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
Vinyl Chloride	ND		0.469	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD
Xylenes, Total	ND		0.839	1.50	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:24	THD

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	113 %		69-130	EPA 8260D	2/28/26 14:24
Surrogate: SURR: Toluene-d8	108 %		81-117	EPA 8260D	2/28/26 14:24
Surrogate: SURR: p-Bromofluorobenzene	105 %		79-122	EPA 8260D	2/28/26 14:24

Client:	Hydro Tech Environmental	Sample ID:	26B1152-06
Client Project:	230051-170 Freeman Rd Brooklyn NY	Date Received:	02/27/2026
Client Sample ID:	MW-15 (2026 27 02)	Collection Date/Time:	2/27/26 12:00

Lab ID:	26B1152-06	Laboratory:	ALS Environmental - Stratford
Analysis:	Volatile Organic Compounds by GC/MS	Matrix:	Ground Water
Prep Method:	Sample Prepared by Method: EPA 5030B		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst

Client:	Hydro Tech Environmental	Sample ID:	26B1152-06
Client Project:	230051-170 Freeman Rd Brooklyn NY	Date Received:	02/27/2026
Client Sample ID:	MW-15 (2026 27 02)	Collection Date/Time:	2/27/26 12:00

Lab ID:	26B1152-06	Laboratory:	ALS Environmental - Stratford
Analysis:	Volatile Organic Compounds by GC/MS	Matrix:	Ground Water
Prep Method:	Sample Prepared by Method: EPA 5030B		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
Dichlorodifluoromethane	ND	CCVE, ICVE, QL-02	0.451	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
Ethyl Benzene	ND		0.290	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
Hexachlorobutadiene	ND		0.241	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
Isopropylbenzene	ND		0.405	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
Methyl acetate	ND		0.442	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
Methyl tert-butyl ether (MTBE)	ND	ICVE	0.244	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
Methylcyclohexane	ND		0.477	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
Methylene chloride	ND	CCVE	0.397	2.00	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
n-Butylbenzene	ND		0.399	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
n-Propylbenzene	ND		0.384	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
o-Xylene	ND		0.261	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
p- & m- Xylenes	ND		0.578	1.00	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
p-Isopropyltoluene	ND		0.377	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
sec-Butylbenzene	ND		0.444	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
Styrene	ND		0.255	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
tert-Butyl alcohol (TBA)	ND		0.608	1.00	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
tert-Butylbenzene	ND		0.367	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
Tetrachloroethylene	ND	CCVE	0.239	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
Toluene	ND		0.346	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
trans-1,2-Dichloroethylene	ND		0.279	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
trans-1,3-Dichloropropylene	ND		0.229	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
trans-1,4-dichloro-2-butene	ND		0.283	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
Trichloroethylene	ND		0.249	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
Trichlorofluoromethane	ND		0.337	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
Vinyl Chloride	ND		0.469	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD
Xylenes, Total	ND		0.839	1.50	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 14:54	THD

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	119 %		69-130	EPA 8260D	2/28/26 14:54
Surrogate: SURR: Toluene-d8	107 %		81-117	EPA 8260D	2/28/26 14:54
Surrogate: SURR: p-Bromofluorobenzene	105 %		79-122	EPA 8260D	2/28/26 14:54

Client:	Hydro Tech Environmental	Sample ID:	26B1152-07
Client Project:	230051-170 Freeman Rd Brooklyn NY	Date Received:	02/27/2026
Client Sample ID:	FB (2026 27 02)	Collection Date/Time:	2/27/26 13:05

Lab ID:	26B1152-07	Laboratory:	ALS Environmental - Stratford
Analysis:	Volatile Organic Compounds by GC/MS	Matrix:	Ground Water
Prep Method:	Sample Prepared by Method: EPA 5030B		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst

Client:	Hydro Tech Environmental	Sample ID:	26B1152-07
Client Project:	230051-170 Freeman Rd Brooklyn NY	Date Received:	02/27/2026
Client Sample ID:	FB (2026 27 02)	Collection Date/Time:	2/27/26 13:05

Lab ID: 26B1152-07				Laboratory: ALS Environmental - Stratford						
Analysis: Volatile Organic Compounds by GC/MS				Matrix: Ground Water						
Prep Method: Sample Prepared by Method: EPA 5030B										
Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
1,1,1,2-Tetrachloroethane	ND		0.216	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD
1,1,1-Trichloroethane	ND		0.266	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD
1,1,2,2-Tetrachloroethane	ND		0.256	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		0.286	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD
1,1,2-Trichloroethane	ND		0.249	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD
1,1-Dichloroethane	ND		0.272	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD
1,1-Dichloroethylene	ND		0.327	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD
1,2,3-Trichlorobenzene	ND		0.222	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD
1,2,3-Trichloropropane	ND		0.273	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD
1,2,4-Trichlorobenzene	ND		0.138	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD
1,2,4-Trimethylbenzene	ND		0.310	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD
1,2-Dibromo-3-chloropropane	ND		0.432	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD
1,2-Dibromoethane	ND		0.215	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD
1,2-Dichlorobenzene	ND		0.270	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD
1,2-Dichloroethane	ND		0.377	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD
1,2-Dichloropropane	ND		0.327	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD
1,3,5-Trimethylbenzene	ND		0.347	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD
1,3-Dichlorobenzene	ND		0.283	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD
1,4-Dichlorobenzene	ND		0.311	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD
2-Butanone	ND		0.421	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD
2-Hexanone	ND		0.320	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD
4-Methyl-2-pentanone	ND		0.365	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD
Acetone	1.62	J	1.34	2.00	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD
Acrolein	ND	ICVE	0.447	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD
Acrylonitrile	ND		0.422	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD
Benzene	ND		0.279	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD
Bromochloromethane	ND		0.354	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD
Bromodichloromethane	0.660		0.245	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD
Bromoform	ND		0.163	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD
Bromomethane	ND	CCVE	0.500	2.00	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD
Carbon disulfide	0.620		0.362	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD
Carbon tetrachloride	ND		0.204	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD
Chlorobenzene	ND		0.284	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD
Chloroethane	ND		0.448	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD
Chloroform	28.4		0.243	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD
Chloromethane	ND	CCVE	0.372	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD
cis-1,2-Dichloroethylene	ND		0.294	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD
cis-1,3-Dichloropropylene	ND		0.262	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD
Cyclohexane	ND		0.491	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD
Dibromochloromethane	ND		0.146	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD
Dibromomethane	ND		0.203	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD

* Analyte is not certified or the state of the samples origination does not offer certification for the Analyte

Client:	Hydro Tech Environmental	Sample ID:	26B1152-07
Client Project:	230051-170 Freeman Rd Brooklyn NY	Date Received:	02/27/2026
Client Sample ID:	FB (2026 27 02)	Collection Date/Time:	2/27/26 13:05

Lab ID:	26B1152-07					Laboratory:	ALS Environmental - Stratford				
Analysis:	Volatile Organic Compounds by GC/MS					Matrix:	Ground Water				
Prep Method:	Sample Prepared by Method: EPA 5030B										
Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst	
Dichlorodifluoromethane	ND	CCVE, ICVE, QL-02	0.451	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD	
Ethyl Benzene	ND		0.290	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD	
Hexachlorobutadiene	ND		0.241	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD	
Isopropylbenzene	ND		0.405	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD	
Methyl acetate	ND		0.442	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD	
Methyl tert-butyl ether (MTBE)	ND	ICVE	0.244	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD	
Methylcyclohexane	ND		0.477	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD	
Methylene chloride	ND	CCVE	0.397	2.00	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD	
n-Butylbenzene	ND		0.399	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD	
n-Propylbenzene	ND		0.384	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD	
o-Xylene	ND		0.261	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD	
p- & m- Xylenes	ND		0.578	1.00	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD	
p-Isopropyltoluene	ND		0.377	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD	
sec-Butylbenzene	ND		0.444	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD	
Styrene	ND		0.255	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD	
tert-Butyl alcohol (TBA)	ND		0.608	1.00	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD	
tert-Butylbenzene	ND		0.367	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD	
Tetrachloroethylene	ND	CCVE	0.239	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD	
Toluene	ND		0.346	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD	
trans-1,2-Dichloroethylene	ND		0.279	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD	
trans-1,3-Dichloropropylene	ND		0.229	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD	
trans-1,4-dichloro-2-butene	ND		0.283	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD	
Trichloroethylene	ND		0.249	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD	
Trichlorofluoromethane	ND		0.337	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD	
Vinyl Chloride	ND		0.469	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD	
Xylenes, Total	ND		0.839	1.50	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 15:24	THD	
Surrogate Recoveries			Result	Flag	Acceptance Range		Reference Method	Analyzed			
Surrogate: SURR: 1,2-Dichloroethane-d4			116 %		69-130		EPA 8260D	2/28/26 15:24			
Surrogate: SURR: Toluene-d8			108 %		81-117		EPA 8260D	2/28/26 15:24			
Surrogate: SURR: p-Bromofluorobenzene			106 %		79-122		EPA 8260D	2/28/26 15:24			

Client:	Hydro Tech Environmental	Sample ID:	26B1152-08
Client Project:	230051-170 Freeman Rd Brooklyn NY	Date Received:	02/27/2026
Client Sample ID:	TB (2026 27 02)	Collection Date/Time:	2/27/26 13:08

Lab ID:	26B1152-08	Laboratory:	ALS Environmental - Stratford							
Analysis:	Volatile Organic Compounds by GC/MS					Matrix:	Ground Water			
Prep Method:	Sample Prepared by Method: EPA 5030B									
Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst

Client:	Hydro Tech Environmental	Sample ID:	26B1152-08
Client Project:	230051-170 Freeman Rd Brooklyn NY	Date Received:	02/27/2026
Client Sample ID:	TB (2026 27 02)	Collection Date/Time:	2/27/26 13:08

Lab ID:	26B1152-08	Laboratory:	ALS Environmental - Stratford
Analysis:	Volatile Organic Compounds by GC/MS	Matrix:	Ground Water
Prep Method:	Sample Prepared by Method: EPA 5030B		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
1,1,1,2-Tetrachloroethane	ND		0.216	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
1,1,1-Trichloroethane	ND		0.266	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
1,1,2,2-Tetrachloroethane	ND		0.256	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		0.286	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
1,1,2-Trichloroethane	ND		0.249	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
1,1-Dichloroethane	ND		0.272	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
1,1-Dichloroethylene	ND		0.327	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
1,2,3-Trichlorobenzene	ND		0.222	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
1,2,3-Trichloropropane	ND		0.273	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
1,2,4-Trichlorobenzene	ND		0.138	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
1,2,4-Trimethylbenzene	ND		0.310	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
1,2-Dibromo-3-chloropropane	ND		0.432	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
1,2-Dibromoethane	ND		0.215	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
1,2-Dichlorobenzene	ND		0.270	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
1,2-Dichloroethane	ND		0.377	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
1,2-Dichloropropane	ND		0.327	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
1,3,5-Trimethylbenzene	ND		0.347	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
1,3-Dichlorobenzene	ND		0.283	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
1,4-Dichlorobenzene	ND		0.311	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
2-Butanone	ND		0.421	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
2-Hexanone	ND		0.320	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
4-Methyl-2-pentanone	ND		0.365	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
Acetone	3.06	CCVE, ICVE, QL-02	1.34	2.00	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
Acrolein	ND	ICVE	0.447	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
Acrylonitrile	ND		0.422	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
Benzene	ND		0.279	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
Bromochloromethane	ND		0.354	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
Bromodichloromethane	ND		0.245	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
Bromoform	ND		0.163	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
Bromomethane	ND	CCVE	0.500	2.00	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
Carbon disulfide	ND		0.362	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
Carbon tetrachloride	ND		0.204	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
Chlorobenzene	ND		0.284	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
Chloroethane	ND		0.448	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
Chloroform	ND		0.243	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
Chloromethane	ND	CCVE	0.372	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
cis-1,2-Dichloroethylene	ND		0.294	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
cis-1,3-Dichloropropylene	ND		0.262	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
Cyclohexane	ND		0.491	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
Dibromochloromethane	ND		0.146	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
Dibromomethane	ND		0.203	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD

* Analyte is not certified or the state of the samples origination does not offer certification for the Analyte

Client:	Hydro Tech Environmental	Sample ID:	26B1152-08
Client Project:	230051-170 Freeman Rd Brooklyn NY	Date Received:	02/27/2026
Client Sample ID:	TB (2026 27 02)	Collection Date/Time:	2/27/26 13:08

Lab ID:	26B1152-08	Laboratory:	ALS Environmental - Stratford
Analysis:	Volatile Organic Compounds by GC/MS	Matrix:	Ground Water
Prep Method:	Sample Prepared by Method: EPA 5030B		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
Dichlorodifluoromethane	ND	CCVE, ICVE, QL-02	0.451	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
Ethyl Benzene	ND		0.290	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
Hexachlorobutadiene	ND		0.241	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
Isopropylbenzene	ND		0.405	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
Methyl acetate	ND		0.442	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
Methyl tert-butyl ether (MTBE)	ND	ICVE	0.244	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
Methylcyclohexane	ND	CCVE	0.477	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
Methylene chloride	ND		0.397	2.00	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
n-Butylbenzene	ND		0.399	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
n-Propylbenzene	ND		0.384	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
o-Xylene	ND		0.261	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
p- & m- Xylenes	ND		0.578	1.00	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
p-Isopropyltoluene	ND		0.377	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
sec-Butylbenzene	ND		0.444	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
Styrene	ND		0.255	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
tert-Butyl alcohol (TBA)	ND		0.608	1.00	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
tert-Butylbenzene	ND		0.367	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
Tetrachloroethylene	ND		0.239	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
Toluene	ND		0.346	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
trans-1,2-Dichloroethylene	ND		0.279	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
trans-1,3-Dichloropropylene	ND		0.229	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
trans-1,4-dichloro-2-butene	ND		0.283	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
Trichloroethylene	ND		0.249	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
Trichlorofluoromethane	ND		0.337	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
Vinyl Chloride	ND		0.469	0.500	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD
Xylenes, Total	ND		0.839	1.50	1	ug/L	EPA 8260D	2/28/26 7:00	2/28/26 11:55	THD

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
<i>Surrogate: SURR: 1,2-Dichloroethane-d4</i>	<i>113 %</i>		<i>69-130</i>	<i>EPA 8260D</i>	<i>2/28/26 11:55</i>
<i>Surrogate: SURR: Toluene-d8</i>	<i>109 %</i>		<i>81-117</i>	<i>EPA 8260D</i>	<i>2/28/26 11:55</i>
<i>Surrogate: SURR: p-Bromofluorobenzene</i>	<i>108 %</i>		<i>79-122</i>	<i>EPA 8260D</i>	<i>2/28/26 11:55</i>



CERTIFICATE OF ANALYSIS

Laboratory:	ALS Environmental - Stratford	SDG:	26B1152
Client:	Hydro Tech Environmental	Project:	230051-170 Freeman Rd Brooklyn NY

Volatile Organic Compounds by GC/MS

Client Sample Id:	Lab Sample Id:	Matrix:
MW-9 (2026 27 02)	26B1152-01	Ground Water
MW-9 (2026 27 02)	26B1152-01RE1	Ground Water
MW-10 (2026 27 02)	26B1152-02	Ground Water
MW-11R MS/MSD (2026 27 02)	26B1152-03	Ground Water
MW-11R MS/MSD (2026 27 02)	26B1152-03RE1	Ground Water
MW-13R (2026 27 02)	26B1152-04	Ground Water
MW-14 (2026 27 02)	26B1152-05	Ground Water
MW-15 (2026 27 02)	26B1152-06	Ground Water
FB (2026 27 02)	26B1152-07	Ground Water
TB (2026 27 02)	26B1152-08	Ground Water

Certified Analyses included in this Report

Analyte	CAS #	Certifications
<i>EPA 8260D in Water</i>		
1,1,1,2-Tetrachloroethane	630-20-6	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
1,1,1-Trichloroethane	71-55-6	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
1,1,2,2-Tetrachloroethane	79-34-5	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
1,1,2-Trichloroethane	79-00-5	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
1,1-Dichloroethane	75-34-3	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
1,1-Dichloroethylene	75-35-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
1,2,3-Trichlorobenzene	87-61-6	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,2,3-Trichloropropane	96-18-4	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,2,4-Trichlorobenzene	120-82-1	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,2,4-Trimethylbenzene	95-63-6	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
1,2-Dibromo-3-chloropropane	96-12-8	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
1,2-Dibromoethane	106-93-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
1,2-Dichlorobenzene	95-50-1	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
1,2-Dichloroethane	107-06-2	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
1,2-Dichloropropane	78-87-5	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
1,3,5-Trimethylbenzene	108-67-8	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
1,3-Dichlorobenzene	541-73-1	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
1,4-Dichlorobenzene	106-46-7	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
2-Butanone	78-93-3	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
2-Hexanone	591-78-6	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
4-Methyl-2-pentanone	108-10-1	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
Acetone	67-64-1	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
Acrolein	107-02-8	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
Acrylonitrile	107-13-1	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
Benzene	71-43-2	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
Bromochloromethane	74-97-5	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Bromodichloromethane	75-27-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
Bromoform	75-25-2	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
Bromomethane	74-83-9	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
Carbon disulfide	75-15-0	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
Carbon tetrachloride	56-23-5	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
Chlorobenzene	108-90-7	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
Chloroethane	75-00-3	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440

Certified Analyses included in this Report

(Continued)

Analyte	CAS #	Certifications
EPA 8260D in Water (Continued)		
Chloroform	67-66-3	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
Chloromethane	74-87-3	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
cis-1,2-Dichloroethylene	156-59-2	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
cis-1,3-Dichloropropylene	10061-01-5	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
Cyclohexane	110-82-7	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
Dibromochloromethane	124-48-1	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
Dibromomethane	74-95-3	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
Dichlorodifluoromethane	75-71-8	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
Ethyl Benzene	100-41-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
Hexachlorobutadiene	87-68-3	NYSDOH-NY12058,PA DEP-68-04440
Isopropylbenzene	98-82-8	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
Methyl acetate	79-20-9	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
Methyl tert-butyl ether (MTBE)	1634-04-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
Methylcyclohexane	108-87-2	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
Methylene chloride	75-09-2	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
n-Butylbenzene	104-51-8	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
n-Propylbenzene	103-65-1	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
o-Xylene	95-47-6	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PA DEP-68-04440
p- & m- Xylenes	179601-23-1	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PA DEP-68-04440
p-Isopropyltoluene	99-87-6	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
sec-Butylbenzene	135-98-8	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
Styrene	100-42-5	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
tert-Butyl alcohol (TBA)	75-65-0	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
tert-Butylbenzene	98-06-6	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
Tetrachloroethylene	127-18-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
Toluene	108-88-3	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
trans-1,2-Dichloroethylene	156-60-5	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
trans-1,3-Dichloropropylene	10061-02-6	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
trans-1,4-dichloro-2-butene	110-57-6	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
Trichloroethylene	79-01-6	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
Trichlorofluoromethane	75-69-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
Vinyl Chloride	75-01-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PA DEP-68-04440
Xylenes, Total	1330-20-7	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005

List of Certifications

Code	Description	Number	Expires
CTDPH-PH-0840	CTDPH - Stratford	PH-0840	06/30/2027
NJDEP-CT005	NJDEP Certification - Stratford	CT005	06/30/2026
NYSDOH-NY12058	NYSDOH NELAC/ELAP Program - Queens	NY ELAP-12058	04/01/2026
NYSDOH-NY10854	NYSDOH NELAC/ELAP Program - Stratford	NY ELAP-10854	04/01/2026
PADEP-68-04440	PADEP Registration - Stratford	68-04440	09/30/2026



Narrative Contents Summary

This Work Order Narrative includes the following items for full review of any quality issues encountered with samples and their analyses for the parameters requested:

1. Sample Receipt Information, including a Sample Summary which cross references your sample ID with Analytical sample ID, identifying the matrix and Date/Time collected and received.
2. Analysis Methodologies employed for the work order
3. Any Sample Issues encountered such as Holding time exceedances, improper containers/preservation, or any related issue with sample integrity
4. Specific Analysis Findings in order: Volatiles, Semi-Volatiles, Pesticides/PCBs, Herbicides, other GC parameters, Metals, Mercury, Wet Chemistry.
5. Analysis Findings Include:
 - Analyte qualifier summary
 - Samples and associated Calibration Curve(s)
 - Calibration Outliers Discussion/Tabular presentation and affected samples
 - Initial Calibration Verification (ICV) information
 - Batch QC Sample Performance (Blanks, Blank Spikes (BS), MS/MSD)
 - Internal Standard Performance
 - Surrogate Performance
 - Example Calculations

Work Order Narrative

Analytical Work Order No.: 26B1152

Client : Hydro Tech Environmental

Client Project ID : 230051-170 Freeman Rd Brooklyn NY

Prepared for : Paul Matli

1.0) Introduction

This work order Narrative applies to the following samples submitted to our laboratory on: 02/27/2026 2:25 PM

8 sample(s) were received intact in a custody-sealed cooler(s) unless otherwise noted. Upon receipt, cooler temperature(s) was determined using a NIST traceable digital infrared thermometer. The cooler temperature was acceptable ($\leq 6^{\circ}\text{C}$) and documented as: {3.0}°C

Sample Summary

<u>SampleName</u>	<u>Lab Number</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
MW-9 (2026 27 02)	26B1152-01	Water	02/27/2026 11:00 AM	02/27/2026 2:25 PM
MW-10 (2026 27 02)	26B1152-02	Water	02/27/2026 11:25 AM	02/27/2026 2:25 PM
MW-11R MS/MSD (2026 27 02)	26B1152-03	Water	02/27/2026 10:15 AM	02/27/2026 2:25 PM
MW-13R (2026 27 02)	26B1152-04	Water	02/27/2026 1:00 PM	02/27/2026 2:25 PM
MW-14 (2026 27 02)	26B1152-05	Water	02/27/2026 12:25 PM	02/27/2026 2:25 PM
MW-15 (2026 27 02)	26B1152-06	Water	02/27/2026 12:00 PM	02/27/2026 2:25 PM
FB (2026 27 02)	26B1152-07	Water	02/27/2026 1:05 PM	02/27/2026 2:25 PM
TB (2026 27 02)	26B1152-08	Water	02/27/2026 1:08 PM	02/27/2026 2:25 PM

WorkOrder Comments

Analytical Work Order Narrative

2.0 Methodology

<u>Analysis Class</u>	<u>Preparation Method</u>	<u>Analysis Methodology</u>
VOA	EPA 5030B	EPA 8260D

3.0 Sample Issues

No issues were encountered with the samples submitted other than those detailed below.

Analytical Work Order Narrative

Qualifier Summary Report:

SampleID	Method	LabNumber	Matrix	Analyte	Qualifier
MW-9 (2026 27 02)	EPA 8260D	26B1152-01	Water	Acetone	J
MW-9 (2026 27 02)	EPA 8260D	26B1152-01	Water	Acrolein	ICVE
MW-9 (2026 27 02)	EPA 8260D	26B1152-01	Water	Bromomethane	CCVE
MW-9 (2026 27 02)	EPA 8260D	26B1152-01	Water	Chloromethane	CCVE
MW-9 (2026 27 02)	EPA 8260D	26B1152-01	Water	Dichlorodifluoromethane	CCVE
MW-9 (2026 27 02)	EPA 8260D	26B1152-01	Water	Dichlorodifluoromethane	ICVE
MW-9 (2026 27 02)	EPA 8260D	26B1152-01	Water	Dichlorodifluoromethane	QL-02
MW-9 (2026 27 02)	EPA 8260D	26B1152-01	Water	Methyl tert-butyl ether (MTBE)	ICVE
MW-9 (2026 27 02)	EPA 8260D	26B1152-01	Water	Methylene chloride	CCVE
MW-9 (2026 27 02)	EPA 8260D	26B1152-01	Water	tert-Butyl alcohol (TBA)	CCVE
MW-9 (2026 27 02)	EPA 8260D	26B1152-01	Water	Tetrachloroethylene	J
MW-9 (2026 27 02)	EPA 8260D	26B1152-01	Water	Vinyl Chloride	CCVE
MW-10 (2026 27 02)	EPA 8260D	26B1152-02	Water	Acrolein	ICVE
MW-10 (2026 27 02)	EPA 8260D	26B1152-02	Water	Bromomethane	CCVE
MW-10 (2026 27 02)	EPA 8260D	26B1152-02	Water	Chloromethane	CCVE
MW-10 (2026 27 02)	EPA 8260D	26B1152-02	Water	Dichlorodifluoromethane	CCVE
MW-10 (2026 27 02)	EPA 8260D	26B1152-02	Water	Dichlorodifluoromethane	ICVE
MW-10 (2026 27 02)	EPA 8260D	26B1152-02	Water	Dichlorodifluoromethane	QL-02
MW-10 (2026 27 02)	EPA 8260D	26B1152-02	Water	Methyl tert-butyl ether (MTBE)	ICVE
MW-10 (2026 27 02)	EPA 8260D	26B1152-02	Water	Methylene chloride	CCVE
MW-10 (2026 27 02)	EPA 8260D	26B1152-02	Water	tert-Butyl alcohol (TBA)	CCVE
MW-10 (2026 27 02)	EPA 8260D	26B1152-02	Water	Vinyl Chloride	CCVE
MW-11R MS/MSD (2026 27 02)	EPA 8260D	26B1152-03	Water	2-Hexanone	ICVE
MW-11R MS/MSD (2026 27 02)	EPA 8260D	26B1152-03	Water	2-Hexanone	QL-02
MW-11R MS/MSD (2026 27 02)	EPA 8260D	26B1152-03	Water	2-Hexanone	CCVE
MW-11R MS/MSD (2026 27 02)	EPA 8260D	26B1152-03	Water	Acrolein	ICVE
MW-11R MS/MSD (2026 27 02)	EPA 8260D	26B1152-03	Water	Bromomethane	CCVE
MW-11R MS/MSD (2026 27 02)	EPA 8260D	26B1152-03	Water	Chloromethane	CCVE
MW-11R MS/MSD (2026 27 02)	EPA 8260D	26B1152-03	Water	Dichlorodifluoromethane	ICVE
MW-11R MS/MSD (2026 27 02)	EPA 8260D	26B1152-03	Water	Dichlorodifluoromethane	QL-02
MW-11R MS/MSD (2026 27 02)	EPA 8260D	26B1152-03	Water	Dichlorodifluoromethane	CCVE
MW-11R MS/MSD (2026 27 02)	EPA 8260D	26B1152-03	Water	Methyl tert-butyl ether (MTBE)	ICVE
MW-11R MS/MSD (2026 27 02)	EPA 8260D	26B1152-03	Water	Methylene chloride	CCVE
MW-11R MS/MSD (2026 27 02)	EPA 8260D	26B1152-03	Water	tert-Butyl alcohol (TBA)	CCVE
MW-11R MS/MSD (2026 27 02)	EPA 8260D	26B1152-03	Water	Vinyl Chloride	CCVE
	EPA 8260D	26B1152-03RE1	Water	Acetone	CCVE

Analytical Work Order Narrative

Qualifier Summary Report:					
SampleID	Method	LabNumber	Matrix	Analyte	Qualifier
	EPA 8260D	26B1152-03RE1	Water	Acetone	QL-02
	EPA 8260D	26B1152-03RE1	Water	Acetone	CAL-E
MW-13R (2026 27 02)	EPA 8260D	26B1152-04	Water	Acetone	CCVE
MW-13R (2026 27 02)	EPA 8260D	26B1152-04	Water	Acetone	ICVE
MW-13R (2026 27 02)	EPA 8260D	26B1152-04	Water	Acetone	QL-02
MW-13R (2026 27 02)	EPA 8260D	26B1152-04	Water	Acrolein	ICVE
MW-13R (2026 27 02)	EPA 8260D	26B1152-04	Water	Bromomethane	CCVE
MW-13R (2026 27 02)	EPA 8260D	26B1152-04	Water	Chloromethane	CCVE
MW-13R (2026 27 02)	EPA 8260D	26B1152-04	Water	Dichlorodifluoromethane	CCVE
MW-13R (2026 27 02)	EPA 8260D	26B1152-04	Water	Dichlorodifluoromethane	ICVE
MW-13R (2026 27 02)	EPA 8260D	26B1152-04	Water	Dichlorodifluoromethane	QL-02
MW-13R (2026 27 02)	EPA 8260D	26B1152-04	Water	Methyl tert-butyl ether (MTBE)	ICVE
MW-13R (2026 27 02)	EPA 8260D	26B1152-04	Water	Methylene chloride	CCVE
MW-13R (2026 27 02)	EPA 8260D	26B1152-04	Water	tert-Butyl alcohol (TBA)	CCVE
MW-13R (2026 27 02)	EPA 8260D	26B1152-04	Water	Vinyl Chloride	CCVE
MW-14 (2026 27 02)	EPA 8260D	26B1152-05	Water	Acrolein	ICVE
MW-14 (2026 27 02)	EPA 8260D	26B1152-05	Water	Bromomethane	CCVE
MW-14 (2026 27 02)	EPA 8260D	26B1152-05	Water	Chloromethane	CCVE
MW-14 (2026 27 02)	EPA 8260D	26B1152-05	Water	Dichlorodifluoromethane	CCVE
MW-14 (2026 27 02)	EPA 8260D	26B1152-05	Water	Dichlorodifluoromethane	ICVE
MW-14 (2026 27 02)	EPA 8260D	26B1152-05	Water	Dichlorodifluoromethane	QL-02
MW-14 (2026 27 02)	EPA 8260D	26B1152-05	Water	Methyl tert-butyl ether (MTBE)	ICVE
MW-14 (2026 27 02)	EPA 8260D	26B1152-05	Water	Methylene chloride	CCVE
MW-14 (2026 27 02)	EPA 8260D	26B1152-05	Water	tert-Butyl alcohol (TBA)	CCVE
MW-14 (2026 27 02)	EPA 8260D	26B1152-05	Water	Vinyl Chloride	CCVE
MW-15 (2026 27 02)	EPA 8260D	26B1152-06	Water	Acetone	CCVE
MW-15 (2026 27 02)	EPA 8260D	26B1152-06	Water	Acetone	ICVE
MW-15 (2026 27 02)	EPA 8260D	26B1152-06	Water	Acetone	QL-02
MW-15 (2026 27 02)	EPA 8260D	26B1152-06	Water	Acrolein	ICVE
MW-15 (2026 27 02)	EPA 8260D	26B1152-06	Water	Bromomethane	CCVE
MW-15 (2026 27 02)	EPA 8260D	26B1152-06	Water	Chloromethane	CCVE
MW-15 (2026 27 02)	EPA 8260D	26B1152-06	Water	Dichlorodifluoromethane	QL-02
MW-15 (2026 27 02)	EPA 8260D	26B1152-06	Water	Dichlorodifluoromethane	ICVE
MW-15 (2026 27 02)	EPA 8260D	26B1152-06	Water	Dichlorodifluoromethane	CCVE
MW-15 (2026 27 02)	EPA 8260D	26B1152-06	Water	Methyl tert-butyl ether (MTBE)	ICVE
MW-15 (2026 27 02)	EPA 8260D	26B1152-06	Water	Methylene chloride	CCVE
MW-15 (2026 27 02)	EPA 8260D	26B1152-06	Water	tert-Butyl alcohol (TBA)	CCVE
MW-15 (2026 27 02)	EPA 8260D	26B1152-06	Water	Vinyl Chloride	CCVE
FB (2026 27 02)	EPA 8260D	26B1152-07	Water	Acetone	J
FB (2026 27 02)	EPA 8260D	26B1152-07	Water	Acrolein	ICVE
FB (2026 27 02)	EPA 8260D	26B1152-07	Water	Bromomethane	CCVE
FB (2026 27 02)	EPA 8260D	26B1152-07	Water	Chloromethane	CCVE
FB (2026 27 02)	EPA 8260D	26B1152-07	Water	Dichlorodifluoromethane	ICVE
FB (2026 27 02)	EPA 8260D	26B1152-07	Water	Dichlorodifluoromethane	CCVE
FB (2026 27 02)	EPA 8260D	26B1152-07	Water	Dichlorodifluoromethane	QL-02

Analytical Work Order Narrative

Qualifier Summary Report:

SampleID	Method	LabNumber	Matrix	Analyte	Qualifier
FB (2026 27 02)	EPA 8260D	26B1152-07	Water	Methyl tert-butyl ether (MTBE)	ICVE
FB (2026 27 02)	EPA 8260D	26B1152-07	Water	Methylene chloride	CCVE
FB (2026 27 02)	EPA 8260D	26B1152-07	Water	tert-Butyl alcohol (TBA)	CCVE
FB (2026 27 02)	EPA 8260D	26B1152-07	Water	Vinyl Chloride	CCVE
TB (2026 27 02)	EPA 8260D	26B1152-08	Water	Acetone	CCVE
TB (2026 27 02)	EPA 8260D	26B1152-08	Water	Acetone	ICVE
TB (2026 27 02)	EPA 8260D	26B1152-08	Water	Acetone	QL-02
TB (2026 27 02)	EPA 8260D	26B1152-08	Water	Acrolein	ICVE
TB (2026 27 02)	EPA 8260D	26B1152-08	Water	Bromomethane	CCVE
TB (2026 27 02)	EPA 8260D	26B1152-08	Water	Chloromethane	CCVE
TB (2026 27 02)	EPA 8260D	26B1152-08	Water	Dichlorodifluoromethane	QL-02
TB (2026 27 02)	EPA 8260D	26B1152-08	Water	Dichlorodifluoromethane	ICVE
TB (2026 27 02)	EPA 8260D	26B1152-08	Water	Dichlorodifluoromethane	CCVE
TB (2026 27 02)	EPA 8260D	26B1152-08	Water	Methyl tert-butyl ether (MTBE)	ICVE
TB (2026 27 02)	EPA 8260D	26B1152-08	Water	Methylene chloride	CCVE
TB (2026 27 02)	EPA 8260D	26B1152-08	Water	tert-Butyl alcohol (TBA)	CCVE
TB (2026 27 02)	EPA 8260D	26B1152-08	Water	Vinyl Chloride	CCVE
	EPA 8260D	BC60272-BS1	Water	1,2,3-Trichlorobenzene	B
	EPA 8260D	BC60272-BS1	Water	1,2,4-Trichlorobenzene	B
	EPA 8260D	BC60272-BSD1	Water	1,2,3-Trichlorobenzene	B
	EPA 8260D	BC60272-BSD1	Water	1,2,4-Trichlorobenzene	B

Qualifier Definitions :

B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.

Analytical Work Order Narrative

4.0 Analysis Issues

EPA 8260D

VOA, 8260 LOW MASTER

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : SB60019

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
SB60019	S6B1127	S6B1127	Secondary Cal Check	S6B1127-SCV1	VOA No. 10	V10C18748.D
SB60019	S6C0601	S6C0601	Calibration Check	S6C0601-CCV1	VOA No. 10	V10C19065.D
SB60019	BC60272	S6C0601	LCS	BC60272-BS1	VOA No. 10	V10C19067.D
SB60019	BC60272	S6C0601	LCS Dup	BC60272-BSD1	VOA No. 10	V10C19068.D
SB60019	BC60272	S6C0601	Blank	BC60272-BLK1	VOA No. 10	V10C19070.D
SB60019	BC60272	S6C0601	MW-9 (2026 27 02)	26B1152-01RE1	VOA No. 10	V10C19077.D
SB60019	BC60272	S6C0601	MW-11R MS/MSD (2026 27 02)	26B1152-03RE1	VOA No. 10	V10C19078.D

Initial calibration for EPA 8260D exceeded method guidelines.

Calibration	Intrument	Calibration Date	File ID
SB60019	VOA No. 10	2/9/2026 12:33:09 AM	S6C0601-TUN1

Analyte	RSD%	RSDLim	<MinRRF	RRFLim	CorrCoeff	CCOut	SIM	CAL curve
1,2-Dibromo-3-chloropropane		20	0.0368	0.05				QR0
Acetone		20			0.98973	out		QR0
tert-Butyl alcohol (TBA)	57.42	20	0.0298	0.05				Avg

The following QC and or client samples were affected:

SampleName	LabNumber	SourceSample	File ID
Secondary Cal Check	S6B1127-SCV1		V10C18748.D
Calibration Check	S6C0601-CCV1		V10C19065.D
LCS	BC60272-BS1		V10C19067.D
LCS Dup	BC60272-BSD1		V10C19068.D
Blank	BC60272-BLK1		V10C19070.D
MW-11R MS/MSD (2026 2	26B1152-03RE1		V10C19078.D

Analytical Work Order Narrative

EPA 8260D

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 8260D

All target analytes recovered within method limits with the following exceptions:

Calibration ID	Lab Number	Analyte	True Value	Result	Recovery%	Limits
SB60019	S6B1127-SCV1	Acetone	10.0	14.4	144	70 - 130
SB60019	S6B1127-SCV1	Carbon tetrachloride	10.0	13.3	133	70 - 130
SB60019	S6B1127-SCV1	Chloroethane	10.0	14.8	148	70 - 130
SB60019	S6B1127-SCV1	tert-Butyl alcohol (TBA)	50.0	31.1	62.2	70 - 130
SB60019	S6B1127-SCV1	trans-1,4-dichloro-2-butene	10.0	6.67	66.7	70 - 130

The following QC and or client samples were affected:

LabNumber	SampleName	File ID
S6C0601-CCV1	Calibration Check	V10C19065.D
BC60272-BS1	LCS	V10C19067.D
BC60272-BSD1	LCS Dup	V10C19068.D
BC60272-BLK1	Blank	V10C19070.D
26B1152-03RE1	MW-11R MS/MSD (2026	V10C19078.D

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
SB60019	S6C0601	S6C0601-CCV1	V10C19065.D	03/05/26 07:44

The continuing calibration verification exceeded method limits for the following analytes.

Calibration	LabNumber	Analyte	Units	Result	TrueVal	REC%	Limits	File ID
SB60019	S6C0601-CCV1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ug/L	13.0	10.0	130	80 120	V10C19065.D
SB60019	S6C0601-CCV1	1,2-Dichloropropane	ug/L	12.3	10.0	123	80 120	V10C19065.D
SB60019	S6C0601-CCV1	Acetone	ug/L	14.6	10.0	146	80 120	V10C19065.D
SB60019	S6C0601-CCV1	Acrolein	ug/L	34.9	25.0	140	80 120	V10C19065.D
SB60019	S6C0601-CCV1	Bromomethane	ug/L	3.99	10.0	39.9	80 120	V10C19065.D
SB60019	S6C0601-CCV1	Chloromethane	ug/L	7.21	10.0	72.1	80 120	V10C19065.D
SB60019	S6C0601-CCV1	Cyclohexane	ug/L	15.3	10.0	153	80 120	V10C19065.D
SB60019	S6C0601-CCV1	Dichlorodifluoromethane	ug/L	5.45	10.0	54.5	80 120	V10C19065.D
SB60019	S6C0601-CCV1	Methyl acetate	ug/L	12.8	10.0	128	80 120	V10C19065.D
SB60019	S6C0601-CCV1	Methyl tert-butyl ether (MTBE)	ug/L	13.1	10.0	131	80 120	V10C19065.D
SB60019	S6C0601-CCV1	Methylcyclohexane	ug/L	15.8	10.0	158	80 120	V10C19065.D
SB60019	S6C0601-CCV1	Trichlorofluoromethane	ug/L	12.6	10.0	126	80 120	V10C19065.D

The following QC and or client samples were affected:

Calibration	Sequence	LabNumber	SampleName	Source Sample	File ID
SB60019	S6C0601	BC60272-BS1	LCS		V10C19067.D
SB60019	S6C0601	BC60272-BSD1	LCS Dup		V10C19068.D
SB60019	S6C0601	BC60272-BLK1	Blank		V10C19070.D
SB60019	S6C0601	26B1152-03RE1	MW-11R MS/MSD (20		V10C19078.D

Analytical Work Order Narrative

EPA 8260D

Batch QC

Method Blank-

	Batch	Sequence	Instrument	Blank	FileID		
VOA	BC60272	S6C0601	VOA No. 10	BC60272-BLK1	V10C19070.D		
Sequence	SampleName	LabNumber	Matrix	Analyte	Result	MRL	RptUnits
S6C0601	Blank	BC60272-BLK1	Water	1,2,3-Trichlorobenzene	0.630	0.500	ug/L
S6C0601	Blank	BC60272-BLK1	Water	1,2,4-Trichlorobenzene	0.630	0.500	ug/L

The following QC and or client samples had positive(s) in associated blanks:

Batch	LabNumber	SampleName	File ID
BC60272	BC60272-BS1	LCS	V10C19067.D
BC60272	BC60272-BSD1	LCS Dup	V10C19068.D

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID					
SB60019	6C0601	BC60272-BS1	LCS	V10C19067.D					
SB60019	6C0601	BC60272-BSD1	LCS Dup	V10C19068.D					
Sequence	SampleName	LabNumber	Analyte	DupRec%	Rec%	RPD%	REC Limits		RPD Limit
S6C0601	LCS Dup	BC60272-BSD1	Acrolein	79.2	125	44.9	10	- 153	30
S6C0601	LCS Dup	BC60272-BSD1	Dichlorodifluoromethane	46.3	78.6	51.7	44	- 144	30
S6C0601	LCS Dup	BC60272-BSD1	trans-1,4-dichloro-2-butene	68.0	51.3	28	63	- 141	30

The following samples were affected:

Batch	LabNumber	SampleName	SourceSample
BC60272	BC60272-BLK1	Blank	

EPA 8260D

Dilutions:

SpecificMethod	Batch	SampleName	LabNumber	Dilution
EPA 8260D	BC60272	MW-9 (2026 27 02)	26B1152-01RE1	50
EPA 8260D	BC60272	MW-11R MS/MSD (2026 27 0	26B1152-03RE1	50

EPA 8260D

Internal Standards / Surrogates

Internal Standards Issues: No issues were encountered.

Surrogate Issues: No issues were encountered.

Analytical Work Order Narrative

4.0 Analysis Issues

EPA 8260D

VOA, 8260 LOW MASTER

No problems were encountered with analysis of the samples, other than detailed below.

Initial Calibration : **SB60042**

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
SB60042	S6C0316	S6C0316	Calibration Check	S6C0316-CCV1	MSVOA7	V7-55504.D
SB60042	BB61548	S6C0316	LCS	BB61548-BS1	MSVOA7	V7-55505.D
SB60042	BB61548	S6C0316	LCS Dup	BB61548-BSD1	MSVOA7	V7-55506.D
SB60042	BB61548	S6C0316	Blank	BB61548-BLK1	MSVOA7	V7-55508.D
SB60042	BB61548	S6C0316	TB (2026 27 02)	26B1152-08	MSVOA7	V7-55509.D
SB60042	BB61548	S6C0316	MW-9 (2026 27 02)	26B1152-01	MSVOA7	V7-55510.D
SB60042	BB61548	S6C0316	MW-10 (2026 27 02)	26B1152-02	MSVOA7	V7-55511.D
SB60042	BB61548	S6C0316	MW-11R MS/MSD (2026 27 02)	26B1152-03	MSVOA7	V7-55512.D
SB60042	BB61548	S6C0316	MW-13R (2026 27 02)	26B1152-04	MSVOA7	V7-55513.D
SB60042	BB61548	S6C0316	MW-14 (2026 27 02)	26B1152-05	MSVOA7	V7-55514.D
SB60042	BB61548	S6C0316	MW-15 (2026 27 02)	26B1152-06	MSVOA7	V7-55515.D
SB60042	BB61548	S6C0316	FB (2026 27 02)	26B1152-07	MSVOA7	V7-55516.D
SB60042	BB61548	S6C0316	MW-11R MS/MSD (2026 27 02)MS1	BB61548-MS1	MSVOA7	V7-55523.D
SB60042	BB61548	S6C0316	MW-11R MS/MSD (2026 27 02)MSD1	BB61548-MSD1	MSVOA7	V7-55524.D

Initial calibration for EPA 8260D met method guidelines.

Analytical Work Order Narrative

EPA 8260D

Initial Calibration Verification-

The initial calibration verification for analytical method EPA 8260D

All target analytes recovered within method limits

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
SB60042	S6C0316	S6C0316-CCV1	V7-55504.D	02/28/26 09:12

The continuing calibration verification exceeded method limits for the following analytes.

Calibration	LabNumber	Analyte	Units	Result	TrueVal	REC%	Limits	File ID
SB60042	S6C0316-CCV1	2-Butanone	ug/L	44.1	10.0	441	80 120	V7-55504.D
SB60042	S6C0316-CCV1	2-Hexanone	ug/L	43.5	10.0	435	80 120	V7-55504.D
SB60042	S6C0316-CCV1	4-Methyl-2-pentanone	ug/L	42.8	10.0	428	80 120	V7-55504.D
SB60042	S6C0316-CCV1	Acetone	ug/L	52.1	10.0	521	80 120	V7-55504.D
SB60042	S6C0316-CCV1	Acrolein	ug/L	31.3	25.0	125	80 120	V7-55504.D
SB60042	S6C0316-CCV1	Bromomethane	ug/L	7.48	10.0	74.8	80 120	V7-55504.D
SB60042	S6C0316-CCV1	Chloromethane	ug/L	7.10	10.0	71	80 120	V7-55504.D
SB60042	S6C0316-CCV1	Dichlorodifluoromethane	ug/L	4.71	10.0	47.1	80 120	V7-55504.D
SB60042	S6C0316-CCV1	Methylene chloride	ug/L	7.43	10.0	74.3	80 120	V7-55504.D
SB60042	S6C0316-CCV1	tert-Butyl alcohol (TBA)	ug/L	39.4	50.0	78.9	80 120	V7-55504.D
SB60042	S6C0316-CCV1	Vinyl Chloride	ug/L	7.69	10.0	76.9	80 120	V7-55504.D

The following QC and or client samples were affected:

Calibration	Sequence	LabNumber	SampleName	Source Sample	File ID
SB60042	S6C0316	BB61548-BS1	LCS		V7-55505.D
SB60042	S6C0316	BB61548-BSD1	LCS Dup		V7-55506.D
SB60042	S6C0316	BB61548-BLK1	Blank		V7-55508.D
SB60042	S6C0316	26B1152-08	TB (2026 27 02)		V7-55509.D
SB60042	S6C0316	26B1152-01	MW-9 (2026 27 02)		V7-55510.D
SB60042	S6C0316	26B1152-02	MW-10 (2026 27 02)		V7-55511.D
SB60042	S6C0316	26B1152-03	MW-11R MS/MSD (20		V7-55512.D
SB60042	S6C0316	26B1152-04	MW-13R (2026 27 02)		V7-55513.D
SB60042	S6C0316	26B1152-05	MW-14 (2026 27 02)		V7-55514.D
SB60042	S6C0316	26B1152-06	MW-15 (2026 27 02)		V7-55515.D
SB60042	S6C0316	26B1152-07	FB (2026 27 02)		V7-55516.D
SB60042	S6C0316	BB61548-MS1	Matrix Spike	MW-11R MS/MS	V7-55523.D
SB60042	S6C0316	BB61548-MSD1	Matrix Spike Dup	MW-11R MS/MS	V7-55524.D

Analytical Work Order Narrative

EPA 8260D

Batch QC

Method Blank- No reportable target compounds were detected in the method blank(s)

	Batch	Sequence	Instrument	Blank	FileID
VOA	BB61548	S6C0316	MSVOA7	BB61548-BLK1	V7-55508.D

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)-

Were run as batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Calibration	Sequence	LabNumber	SampleName	File ID				
SB60042	6C0316	BB61548-BS1	LCS	V7-55505.D				
SB60042	6C0316	BB61548-BSD1	LCS Dup	V7-55506.D				
Sequence	SampleName	LabNumber	Analyte	DupRec%	Rec%	RPD%	REC Limits	RPD Limit
S6C0316	LCS	BB61548-BS1	2-Butanone		427		49 - 152	
S6C0316	LCS	BB61548-BS1	2-Hexanone		370		51 - 146	
S6C0316	LCS	BB61548-BS1	4-Methyl-2-pentanone		395		57 - 145	
S6C0316	LCS	BB61548-BS1	Acetone		374		14 - 150	
S6C0316	LCS	BB61548-BS1	Chloroethane		164		65 - 136	
S6C0316	LCS Dup	BB61548-BSD1	2-Butanone	427	458	7.05	49 - 152	30
S6C0316	LCS Dup	BB61548-BSD1	2-Hexanone	370	479	25.7	51 - 146	30
S6C0316	LCS Dup	BB61548-BSD1	4-Methyl-2-pentanone	395	465	16.4	57 - 145	30
S6C0316	LCS Dup	BB61548-BSD1	Acetone	374	417	10.8	14 - 150	30
S6C0316	LCS Dup	BB61548-BSD1	Chloromethane	107	66.2	47.2	43 - 155	30
S6C0316	LCS Dup	BB61548-BSD1	Dichlorodifluoromethane	115	27.9	122	44 - 144	30
S6C0316	LCS Dup	BB61548-BSD1	Vinyl Chloride	121	78.3	42.9	58 - 145	30

The following samples were affected:

Batch	LabNumber	SampleName	SourceSample
BB61548	26B1152-01	MW-9 (2026 27 02)	
BB61548	26B1152-02	MW-10 (2026 27 02)	
BB61548	26B1152-03	MW-11R MS/MSD (2	
BB61548	26B1152-04	MW-13R (2026 27 02)	
BB61548	26B1152-05	MW-14 (2026 27 02)	
BB61548	26B1152-06	MW-15 (2026 27 02)	
BB61548	26B1152-07	FB (2026 27 02)	
BB61548	26B1152-08	TB (2026 27 02)	
BB61548	BB61548-BLK1	Blank	
BB61548	BB61548-MS1	Matrix Spike	MW-11R MS/MSD (2026 2
BB61548	BB61548-MSD1	Matrix Spike Dup	MW-11R MS/MSD (2026 2

Analytical Work Order Narrative

EPA 8260D

Matrix Spike, Matrix Spike Duplicate and/or Sample Duplicate-

MS/MSD/Duplicate analysis was performed on sample;

AnaClass	Cal	Batch	Sequence	SampleName	Sample	SourceSample	LabNumber			
VOA	SB60042	BB61548	S6C0316	MW-11R MS/MSD (2026	26B1152-03	MW-11R MS/MSD (	BB61548-MS1			
VOA	SB60042	BB61548	S6C0316	MW-11R MS/MSD (2026	26B1152-03	MW-11R MS/MSD (	BB61548-MSD1			
Sequence	SourceSample	LabNumber	Analyte		Units	DupRec%	Rec%	RPD	Limits	RPD Lim
S6C0316	MW-11R MS/MSD (2026 27 02)	BB61548-MS1	1,3-Dichlorobenzene		ug/L		72.8		74 - 119	
S6C0316	MW-11R MS/MSD (2026 27 02)	BB61548-MS1	2-Butanone		ug/L		453		10 - 193	
S6C0316	MW-11R MS/MSD (2026 27 02)	BB61548-MS1	2-Hexanone		ug/L		521		53 - 133	
S6C0316	MW-11R MS/MSD (2026 27 02)	BB61548-MS1	4-Methyl-2-pentanone		ug/L		508		38 - 150	
S6C0316	MW-11R MS/MSD (2026 27 02)	BB61548-MS1	Acetone		ug/L		0		13 - 149	
S6C0316	MW-11R MS/MSD (2026 27 02)	BB61548-MS1	Chloroethane		ug/L		156		51 - 145	
S6C0316	MW-11R MS/MSD (2026 27 02)	BB61548-MS1	n-Butylbenzene		ug/L		59		61 - 138	
S6C0316	MW-11R MS/MSD (2026 27 02)	BB61548-MSD1	1,2,4-Trimethylbenzene		ug/L	77.7	70	10.4	72 - 129	30
S6C0316	MW-11R MS/MSD (2026 27 02)	BB61548-MSD1	1,3-Dichlorobenzene		ug/L	72.8	66.1	9.65	74 - 119	30
S6C0316	MW-11R MS/MSD (2026 27 02)	BB61548-MSD1	1,4-Dichlorobenzene		ug/L	73.1	66.5	9.46	70 - 124	30
S6C0316	MW-11R MS/MSD (2026 27 02)	BB61548-MSD1	2-Butanone		ug/L	453	404	11.5	10 - 193	30
S6C0316	MW-11R MS/MSD (2026 27 02)	BB61548-MSD1	2-Hexanone		ug/L	521	468	10.6	53 - 133	30
S6C0316	MW-11R MS/MSD (2026 27 02)	BB61548-MSD1	4-Methyl-2-pentanone		ug/L	508	467	8.32	38 - 150	30
S6C0316	MW-11R MS/MSD (2026 27 02)	BB61548-MSD1	Acetone		ug/L		0		13 - 149	30
S6C0316	MW-11R MS/MSD (2026 27 02)	BB61548-MSD1	Chlorobenzene		ug/L	83.7	74.6	11.5	81 - 117	30
S6C0316	MW-11R MS/MSD (2026 27 02)	BB61548-MSD1	Chloroform		ug/L	84.5	77.7	8.38	80 - 124	30
S6C0316	MW-11R MS/MSD (2026 27 02)	BB61548-MSD1	Methylcyclohexane		ug/L	78.1	65.6	17.4	70 - 130	30

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S6C0316	MW-11R MS/MSD (2026 27 02)	BB61548-MSD1	n-Butylbenzene	ug/L	59.0	51.5	13.6	61 - 138	30
S6C0316	MW-11R MS/MSD (2026 27 02)	BB61548-MSD1	Tetrachloroethylene	ug/L	64.6	56	14.0	64 - 139	30

Dilutions:

SpecificMethod	Batch	SampleName	LabNumber	Dilution
EPA 8260D	BC60272	MW-9 (2026 27 02)	26B1152-01RE1	50
EPA 8260D	BC60272	MW-11R MS/MSD (2026 27 0	26B1152-03RE1	50

Analytical Work Order Narrative

EPA 8260D

Internal Standards / Surrogates

Internal Standards Issues:

Surrogate Issues: No issues were encountered.

Batch	Instrument	Calibration	SampleName	LabNumber	Analyte	ISArea%	ISCVRTDiff
BB61548	MSVOA7	SB60042	Blank	BB61548-BLK1	ISTD: Fluorobenzene	0	0.0060
BB61548	MSVOA7	SB60042	MW-10 (2026 27 02) 26B1152-02		ISTD: Fluorobenzene	0	0.0060
BB61548	MSVOA7	SB60042	MW-13R (2026 27 02) 26B1152-04		ISTD: Fluorobenzene	0	0.0060
BB61548	MSVOA7	SB60042	MW-9 (2026 27 02) 26B1152-01		ISTD: Fluorobenzene	0	0.0060
BB61548	MSVOA7	SB60042	MW-14 (2026 27 02) 26B1152-05		ISTD: Fluorobenzene	0	0.0120
BB61548	MSVOA7	SB60042	TB (2026 27 02) 26B1152-08		ISTD: Fluorobenzene	0	0.0060
BB61548	MSVOA7	SB60042	Matrix Spike Dup	BB61548-MSD1	ISTD: Fluorobenzene	0	0.0060
BB61548	MSVOA7	SB60042	MW-15 (2026 27 02) 26B1152-06		ISTD: Fluorobenzene	0	0.0060
BB61548	MSVOA7	SB60042	MW-11R MS/MSD (2026 27 02) 26B1152-03		ISTD: Fluorobenzene	0	0.0060
BB61548	MSVOA7	SB60042	FB (2026 27 02) 26B1152-07		ISTD: Fluorobenzene	0	0.0060
BB61548	MSVOA7	SB60042	LCS Dup	BB61548-BSD1	ISTD: Fluorobenzene	0	0.0060
BB61548	MSVOA7	SB60042	Matrix Spike	BB61548-MS1	ISTD: Fluorobenzene	0	0.0060
BB61548	MSVOA7	SB60042	LCS	BB61548-BS1	ISTD: Fluorobenzene	0	0.0060
BB61548	MSVOA7	SB60042	Blank	BB61548-BLK1	ISTD: Chlorobenzene-d5	0	0.0000
BB61548	MSVOA7	SB60042	LCS Dup	BB61548-BSD1	ISTD: Chlorobenzene-d5	0	0.0000
BB61548	MSVOA7	SB60042	MW-9 (2026 27 02) 26B1152-01		ISTD: Chlorobenzene-d5	0	0.0070
BB61548	MSVOA7	SB60042	MW-10 (2026 27 02) 26B1152-02		ISTD: Chlorobenzene-d5	0	0.0070
BB61548	MSVOA7	SB60042	LCS	BB61548-BS1	ISTD: Chlorobenzene-d5	0	0.0000
BB61548	MSVOA7	SB60042	TB (2026 27 02) 26B1152-08		ISTD: Chlorobenzene-d5	0	0.0070
BB61548	MSVOA7	SB60042	MW-15 (2026 27 02) 26B1152-06		ISTD: Chlorobenzene-d5	0	0.0070
BB61548	MSVOA7	SB60042	Matrix Spike Dup	BB61548-MSD1	ISTD: Chlorobenzene-d5	0	0.0000
BB61548	MSVOA7	SB60042	MW-13R (2026 27 02) 26B1152-04		ISTD: Chlorobenzene-d5	0	0.0060
BB61548	MSVOA7	SB60042	Matrix Spike	BB61548-MS1	ISTD: Chlorobenzene-d5	0	0.0070
BB61548	MSVOA7	SB60042	MW-14 (2026 27 02) 26B1152-05		ISTD: Chlorobenzene-d5	0	0.0070
BB61548	MSVOA7	SB60042	MW-11R MS/MSD (2026 27 02) 26B1152-03		ISTD: Chlorobenzene-d5	0	0.0070
BB61548	MSVOA7	SB60042	FB (2026 27 02) 26B1152-07		ISTD: Chlorobenzene-d5	0	0.0070
BB61548	MSVOA7	SB60042	Matrix Spike Dup	BB61548-MSD1	ISTD: 1,2-Dichlorobenzene-d4	0	0.0060
BB61548	MSVOA7	SB60042	LCS Dup	BB61548-BSD1	ISTD: 1,2-Dichlorobenzene-d4	0	0.0060
BB61548	MSVOA7	SB60042	Matrix Spike	BB61548-MS1	ISTD: 1,2-Dichlorobenzene-d4	0	0.0060
BB61548	MSVOA7	SB60042	Blank	BB61548-BLK1	ISTD: 1,2-Dichlorobenzene-d4	0	0.0060
BB61548	MSVOA7	SB60042	MW-11R MS/MSD (2026 27 02) 26B1152-03		ISTD: 1,2-Dichlorobenzene-d4	0	0.0060
BB61548	MSVOA7	SB60042	TB (2026 27 02) 26B1152-08		ISTD: 1,2-Dichlorobenzene-d4	0	0.0060
BB61548	MSVOA7	SB60042	MW-15 (2026 27 02) 26B1152-06		ISTD: 1,2-Dichlorobenzene-d4	0	0.0060
BB61548	MSVOA7	SB60042	MW-9 (2026 27 02) 26B1152-01		ISTD: 1,2-Dichlorobenzene-d4	0	0.0060
BB61548	MSVOA7	SB60042	MW-14 (2026 27 02) 26B1152-05		ISTD: 1,2-Dichlorobenzene-d4	0	0.0060

Analytical Work Order Narrative

BB61548	MSVOA7	SB60042	MW-10 (2026 27 0226B1152-02	ISTD: 1,2-Dichlorobenzene-d4	0	0.0060
BB61548	MSVOA7	SB60042	MW-13R (2026 27 26B1152-04 02)	ISTD: 1,2-Dichlorobenzene-d4	0	0.0060
BB61548	MSVOA7	SB60042	LCS BB61548-BS1	ISTD: 1,2-Dichlorobenzene-d4	0	0.0000
BB61548	MSVOA7	SB60042	FB (2026 27 02) 26B1152-07	ISTD: 1,2-Dichlorobenzene-d4	0	0.0060

Analytical Work Order Narrative

Analytical Laboratories, Inc. Formulae Used for Sample Calculations

1. Volatiles in Air-ppbv

Cx (ppbv) = Compound concentration, ppbv (parts per billion by volume)

$$C_x = \frac{(A_x)(C_{is})(DF)}{(A_{is})(RRF)}$$

2. Volatiles in Air-ug/m³

Cx (ug/m³) = Compound concentration in ug/m³

$$C_x (\text{ug/m}^3) = (\text{ppbv} \times \text{Molecular wt.})$$

$$(24.45)$$

3. Volatile Organics (water and soil), ug/L or ug/kg

Soils/Waters

Medium Level Soils

$$C_x = \frac{(A_x)(IS)(DF)}{(A_{is})(RRF)(V)(\% \text{ solids})}$$

$$C_x = \frac{(A_x)(IS)(VT)(1000)(DF)}{(A_{is})(RRF)(VA)(V)(\% \text{ solids})}$$

4. Semi-Volatiles (waters and soils)

$$C_x = \frac{(A_x)(IS)(VE)(DF)}{(A_{is})(RRF)(\text{Volume injected, uL})(V)(\% \text{ solids})}$$

5. Pesticides/PCB (waters and soils), DRO, CTETPH

$$C_x = \frac{(A_x)(VE)(DF)}{(CF)(\text{Volume injected, uL})(V)(\% \text{ solids})}$$

WHERE:

Cx = concentration of analyte as ug/L or ug/kg

Ax = Area of the characteristic ion for the compound to be measured, counts.

Ais = Area of the characteristic ion for the specific internal standard, counts.

IS = Concentration of the internal standard spiking mixture, ng

RRF = Mean relative response factor from the initial calibration.

DF = Dilution factor calculated as described in section 2. If no dilution is performed, DF= 1

V = Volume for liquids in mL, weight for soils/solids in grams.

VA = volume of MeOH aliquot for medium level soils

VE = final volume of concentrated extract

VT = volume of MeOH for volatiles medium level soils

CF = calibration factor for external calibration used in GC pest/pcb

Cis = Concentration of the internal standard spiking mixture, ppbv

Analytical Batch Summary

Batch ID: BB61548		Preparation Method: EPA 5030B	Prepared By: THD
Sample ID	Client Sample ID	Preparation Date	
26B1152-01	MW-9 (2026 27 02)	02/28/26	
26B1152-02	MW-10 (2026 27 02)	02/28/26	
26B1152-03	MW-11R MS/MSD (2026 27 02)	02/28/26	
26B1152-04	MW-13R (2026 27 02)	02/28/26	
26B1152-05	MW-14 (2026 27 02)	02/28/26	
26B1152-06	MW-15 (2026 27 02)	02/28/26	
26B1152-07	FB (2026 27 02)	02/28/26	
26B1152-08	TB (2026 27 02)	02/28/26	
BB61548-BLK1	Blank	02/28/26	
BB61548-BS1	LCS	02/28/26	
BB61548-BSD1	LCS Dup	02/28/26	
BB61548-MS1	Matrix Spike	02/28/26	
BB61548-MSD1	Matrix Spike Dup	02/28/26	

Batch ID: BC60272		Preparation Method: EPA 5030B	Prepared By: THD
Sample ID	Client Sample ID	Preparation Date	
26B1152-01RE1	MW-9 (2026 27 02)	02/28/26	
26B1152-03RE1	MW-11R MS/MSD (2026 27 02)	02/28/26	
BC60272-BLK1	Blank	03/05/26	
BC60272-BS1	LCS	03/05/26	
BC60272-BSD1	LCS Dup	03/05/26	



HOLDING TIME SUMMARY

EPA 8260D

Laboratory: ALS Environmental - Stratford

SDG: 26B1152

Client: Hydro Tech Environmental

Project: 230051-170 Freeman Rd Brooklyn NY

Sample Name	Date Sampled	Date Received	Preparation Holding Time (Days)	Preparation Date	Preparation Expiration Date	Analysis Holding Time (Days)	Analysis Date	Analysis Expiration Date	Q
MW-9 (2026 27 02)	02/27/26	02/27/26	14.00	02/28/26	03/13/26		02/28/26		
MW-9 (2026 27 02)	02/27/26	02/27/26	14.00	02/28/26	03/13/26		03/05/26		
MW-10 (2026 27 02)	02/27/26	02/27/26	14.00	02/28/26	03/13/26		02/28/26		
MW-11R MS/MSD (2026 27 02)	02/27/26	02/27/26	14.00	02/28/26	03/13/26		02/28/26		
MW-11R MS/MSD (2026 27 02)	02/27/26	02/27/26	14.00	02/28/26	03/13/26		03/05/26		
MW-13R (2026 27 02)	02/27/26	02/27/26	14.00	02/28/26	03/13/26		02/28/26		
MW-14 (2026 27 02)	02/27/26	02/27/26	14.00	02/28/26	03/13/26		02/28/26		
MW-15 (2026 27 02)	02/27/26	02/27/26	14.00	02/28/26	03/13/26		02/28/26		
FB (2026 27 02)	02/27/26	02/27/26	14.00	02/28/26	03/13/26		02/28/26		
TB (2026 27 02)	02/27/26	02/27/26	14.00	02/28/26	03/13/26		02/28/26		

Definitions and Other Explanations

Summary of Non-Conformance and Data Qualifiers Related

this Work Order: 26B1152

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.
Λ	Analyte is not certified but the state of sample origination offer certification for the Analyte
*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
MCL	MAXIMUM CONTAMINANT LEVEL for drinking water, which is the highest level of a contaminant allowed in public water systems. These are legally enforceable health-based standards set by the U.S. Environmental Protection Agency (EPA) to protect public health from contaminants in drinking water.
Secondary MCL	SECONDARY MCL (Maximum Contaminant Level) is a non-enforceable guideline for contaminants in drinking water that affect aesthetic qualities like taste, odor, and color, or that cause cosmetic effects like staining. These are intended to protect public welfare and are not based on direct health effects, though states can choose to make them mandatory.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, ALS reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

Definitions and Other Explanations (Continued)

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Positive Hits Included in This Report

Work Order No: 26B1152

Parameter	Result	Flag	MDL	RL	Units	Specific Method	Analyzed
26B1152-01 - MW-9 (2026 27 02)							
Acetone	1.61	J	1.34	2.00	ug/L	EPA 8260D	02/28/26 12:25
cis-1,2-Dichloroethylene	424		14.7	25.0	ug/L	EPA 8260D	03/05/26 14:21
Tetrachloroethylene	0.310	J	0.239	0.500	ug/L	EPA 8260D	02/28/26 12:25
trans-1,2-Dichloroethylene	23.3		0.279	0.500	ug/L	EPA 8260D	02/28/26 12:25
Trichloroethylene	0.610		0.249	0.500	ug/L	EPA 8260D	02/28/26 12:25
26B1152-02 - MW-10 (2026 27 02)							
Bromodichloromethane	1.80		0.245	0.500	ug/L	EPA 8260D	02/28/26 12:55
Chloroform	16.6		0.243	0.500	ug/L	EPA 8260D	02/28/26 12:55
26B1152-03 - MW-11R MS/MSD (2026 27 02)							
2-Hexanone	0.910	CCVE, ICVE, QL-02	0.320	0.500	ug/L	EPA 8260D	02/28/26 13:24
Acetone	258	CAL-E, CCVE, QL-02	67.0	100	ug/L	EPA 8260D	03/05/26 14:50
cis-1,2-Dichloroethylene	3.95		0.294	0.500	ug/L	EPA 8260D	02/28/26 13:24
26B1152-04 - MW-13R (2026 27 02)							
Acetone	3.40	CCVE, ICVE, QL-02	1.34	2.00	ug/L	EPA 8260D	02/28/26 13:54
26B1152-06 - MW-15 (2026 27 02)							
Acetone	3.05	CCVE, ICVE, QL-02	1.34	2.00	ug/L	EPA 8260D	02/28/26 14:54
26B1152-07 - FB (2026 27 02)							
Acetone	1.62	J	1.34	2.00	ug/L	EPA 8260D	02/28/26 15:24
Bromodichloromethane	0.660		0.245	0.500	ug/L	EPA 8260D	02/28/26 15:24
Carbon disulfide	0.620		0.362	0.500	ug/L	EPA 8260D	02/28/26 15:24
Chloroform	28.4		0.243	0.500	ug/L	EPA 8260D	02/28/26 15:24
26B1152-08 - TB (2026 27 02)							
Acetone	3.06	CCVE, ICVE, QL-02	1.34	2.00	ug/L	EPA 8260D	02/28/26 11:55

DATA PACKAGE

SDG: 26B1152

Client: Hydro Tech Environmental

Project: 230051-170 Freeman Rd Brooklyn NY

METHOD DETECTION AND REPORTING LIMITS

EPA 8260D

Laboratory: ALS Environmental - Stratford

SDG: 26B1152

Client: Hydro Tech Environmental

Project: 230051-170 Freeman Rd Brooklyn NY

Matrix: Water

Instrument: MSVOA7

Analyte	LOD	LOQ	Units
1,1,1,2-Tetrachloroethane	0.216	0.500	ug/L
1,1,1-Trichloroethane	0.266	0.500	ug/L
1,1,2,2-Tetrachloroethane	0.256	0.500	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.286	0.500	ug/L
1,1,2-Trichloroethane	0.249	0.500	ug/L
1,1-Dichloroethane	0.272	0.500	ug/L
1,1-Dichloroethylene	0.327	0.500	ug/L
1,2,3-Trichlorobenzene	0.222	0.500	ug/L
1,2,3-Trichloropropane	0.273	0.500	ug/L
1,2,4-Trichlorobenzene	0.138	0.500	ug/L
1,2,4-Trimethylbenzene	0.310	0.500	ug/L
1,2-Dibromo-3-chloropropane	0.432	0.500	ug/L
1,2-Dibromoethane	0.215	0.500	ug/L
1,2-Dichlorobenzene	0.270	0.500	ug/L
1,2-Dichloroethane	0.377	0.500	ug/L
1,2-Dichloropropane	0.327	0.500	ug/L
1,3,5-Trimethylbenzene	0.347	0.500	ug/L
1,3-Dichlorobenzene	0.283	0.500	ug/L
1,4-Dichlorobenzene	0.311	0.500	ug/L
2-Butanone	0.421	0.500	ug/L
2-Hexanone	0.320	0.500	ug/L
4-Methyl-2-pentanone	0.365	0.500	ug/L
Acetone	1.34	2.00	ug/L
Acrolein	0.447	0.500	ug/L
Acrylonitrile	0.422	0.500	ug/L
Benzene	0.279	0.500	ug/L
Bromochloromethane	0.354	0.500	ug/L
Bromodichloromethane	0.245	0.500	ug/L
Bromoform	0.163	0.500	ug/L
Bromomethane	0.500	2.00	ug/L
Carbon disulfide	0.362	0.500	ug/L
Carbon tetrachloride	0.204	0.500	ug/L
Chlorobenzene	0.284	0.500	ug/L

METHOD DETECTION AND REPORTING LIMITS

EPA 8260D

Laboratory: ALS Environmental - Stratford

SDG: 26B1152

Client: Hydro Tech Environmental

Project: 230051-170 Freeman Rd Brooklyn NY

Matrix: Water

Instrument: MSVOA7

Analyte	LOD	LOQ	Units
Chloroethane	0.448	0.500	ug/L
Chloroform	0.243	0.500	ug/L
Chloromethane	0.372	0.500	ug/L
cis-1,2-Dichloroethylene	0.294	0.500	ug/L
cis-1,3-Dichloropropylene	0.262	0.500	ug/L
Cyclohexane	0.491	0.500	ug/L
Dibromochloromethane	0.146	0.500	ug/L
Dibromomethane	0.203	0.500	ug/L
Dichlorodifluoromethane	0.451	0.500	ug/L
Ethyl Benzene	0.290	0.500	ug/L
Hexachlorobutadiene	0.241	0.500	ug/L
Isopropylbenzene	0.405	0.500	ug/L
Methyl acetate	0.442	0.500	ug/L
Methyl tert-butyl ether (MTBE)	0.244	0.500	ug/L
Methylcyclohexane	0.477	0.500	ug/L
Methylene chloride	0.397	2.00	ug/L
n-Butylbenzene	0.399	0.500	ug/L
n-Propylbenzene	0.384	0.500	ug/L
o-Xylene	0.261	0.500	ug/L
p- & m- Xylenes	0.578	1.00	ug/L
p-Isopropyltoluene	0.377	0.500	ug/L
sec-Butylbenzene	0.444	0.500	ug/L
Styrene	0.255	0.500	ug/L
tert-Butyl alcohol (TBA)	0.608	1.00	ug/L
tert-Butylbenzene	0.367	0.500	ug/L
Tetrachloroethylene	0.239	0.500	ug/L
Toluene	0.346	0.500	ug/L
trans-1,2-Dichloroethylene	0.279	0.500	ug/L
trans-1,3-Dichloropropylene	0.229	0.500	ug/L
trans-1,4-dichloro-2-butene	0.283	0.500	ug/L
Trichloroethylene	0.249	0.500	ug/L
Trichlorofluoromethane	0.337	0.500	ug/L
Vinyl Chloride	0.469	0.500	ug/L
Xylenes, Total	0.839	1.50	ug/L

METHOD DETECTION AND REPORTING LIMITS

EPA 8260D

Laboratory: ALS Environmental - Stratford

SDG: 26B1152

Client: Hydro Tech Environmental

Project: 230051-170 Freeman Rd Brooklyn NY

Matrix: Water

Instrument: VOA No. 10

Analyte	LOD	LOQ	Units
1,1,1,2-Tetrachloroethane	0.216	0.500	ug/L
1,1,1-Trichloroethane	0.266	0.500	ug/L
1,1,2,2-Tetrachloroethane	0.256	0.500	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.286	0.500	ug/L
1,1,2-Trichloroethane	0.249	0.500	ug/L
1,1-Dichloroethane	0.272	0.500	ug/L
1,1-Dichloroethylene	0.327	0.500	ug/L
1,2,3-Trichlorobenzene	0.222	0.500	ug/L
1,2,3-Trichloropropane	0.273	0.500	ug/L
1,2,4-Trichlorobenzene	0.138	0.500	ug/L
1,2,4-Trimethylbenzene	0.310	0.500	ug/L
1,2-Dibromo-3-chloropropane	0.432	0.500	ug/L
1,2-Dibromoethane	0.215	0.500	ug/L
1,2-Dichlorobenzene	0.270	0.500	ug/L
1,2-Dichloroethane	0.377	0.500	ug/L
1,2-Dichloropropane	0.327	0.500	ug/L
1,3,5-Trimethylbenzene	0.347	0.500	ug/L
1,3-Dichlorobenzene	0.283	0.500	ug/L
1,4-Dichlorobenzene	0.311	0.500	ug/L
2-Butanone	0.421	0.500	ug/L
2-Hexanone	0.320	0.500	ug/L
4-Methyl-2-pentanone	0.365	0.500	ug/L
Acetone	1.34	2.00	ug/L
Acrolein	0.447	0.500	ug/L
Acrylonitrile	0.422	0.500	ug/L
Benzene	0.279	0.500	ug/L
Bromochloromethane	0.354	0.500	ug/L
Bromodichloromethane	0.245	0.500	ug/L
Bromoform	0.163	0.500	ug/L
Bromomethane	0.500	2.00	ug/L
Carbon disulfide	0.362	0.500	ug/L
Carbon tetrachloride	0.204	0.500	ug/L
Chlorobenzene	0.284	0.500	ug/L

METHOD DETECTION AND REPORTING LIMITS

EPA 8260D

Laboratory: ALS Environmental - Stratford

SDG: 26B1152

Client: Hydro Tech Environmental

Project: 230051-170 Freeman Rd Brooklyn NY

Matrix: Water

Instrument: VOA No. 10

Analyte	LOD	LOQ	Units
Chloroethane	0.448	0.500	ug/L
Chloroform	0.243	0.500	ug/L
Chloromethane	0.372	0.500	ug/L
cis-1,2-Dichloroethylene	0.294	0.500	ug/L
cis-1,3-Dichloropropylene	0.262	0.500	ug/L
Cyclohexane	0.491	0.500	ug/L
Dibromochloromethane	0.146	0.500	ug/L
Dibromomethane	0.203	0.500	ug/L
Dichlorodifluoromethane	0.451	0.500	ug/L
Ethyl Benzene	0.290	0.500	ug/L
Hexachlorobutadiene	0.241	0.500	ug/L
Isopropylbenzene	0.405	0.500	ug/L
Methyl acetate	0.442	0.500	ug/L
Methyl tert-butyl ether (MTBE)	0.244	0.500	ug/L
Methylcyclohexane	0.477	0.500	ug/L
Methylene chloride	0.397	2.00	ug/L
n-Butylbenzene	0.399	0.500	ug/L
n-Propylbenzene	0.384	0.500	ug/L
o-Xylene	0.261	0.500	ug/L
p- & m- Xylenes	0.578	1.00	ug/L
p-Isopropyltoluene	0.377	0.500	ug/L
sec-Butylbenzene	0.444	0.500	ug/L
Styrene	0.255	0.500	ug/L
tert-Butyl alcohol (TBA)	0.608	1.00	ug/L
tert-Butylbenzene	0.367	0.500	ug/L
Tetrachloroethylene	0.239	0.500	ug/L
Toluene	0.346	0.500	ug/L
trans-1,2-Dichloroethylene	0.279	0.500	ug/L
trans-1,3-Dichloropropylene	0.229	0.500	ug/L
trans-1,4-dichloro-2-butene	0.283	0.500	ug/L
Trichloroethylene	0.249	0.500	ug/L
Trichlorofluoromethane	0.337	0.500	ug/L
Vinyl Chloride	0.469	0.500	ug/L
Xylenes, Total	0.839	1.50	ug/L

Sample Information

Client Sample ID: MW-9 (2026 27 02)			Sample ID: 26B1152-01	
Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26B1152	230051-170 Freeman Rd Brooklyn NY	Ground Water	February 27, 2026 11:00 am	02/27/2026

Volatile Organic Compounds by GC/MS

Sample Prepared by Method: EPA 5030B				Results Reported to MDL							
CAS No.	Parameter	Result	Flag	Units	RL	MDL	Dilution	Reference Method	Prepared	Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.500	0.216	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:25	THD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.500	0.266	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:25	THD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.500	0.256	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:25	THD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.500	0.286	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:25	THD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.500	0.249	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:25	THD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.500	0.272	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:25	THD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.500	0.327	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:25	THD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.500	0.222	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:25	THD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.500	0.273	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:25	THD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.500	0.138	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:25	THD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.500	0.310	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:25	THD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.500	0.432	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:25	THD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.500	0.215	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:25	THD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.500	0.270	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:25	THD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.500	0.377	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:25	THD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.500	0.327	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:25	THD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.500	0.347	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:25	THD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.500	0.283	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:25	THD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.500	0.311	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:25	THD
78-93-3	2-Butanone	ND		ug/L	0.500	0.421	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:25	THD
591-78-6	2-Hexanone	ND		ug/L	0.500	0.320	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:25	THD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.500	0.365	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:25	THD
67-64-1	Acetone	1.61	J	ug/L	2.00	1.34	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:25	THD
107-02-8	Acrolein	ND	ICVE	ug/L	0.500	0.447	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:25	THD
107-13-1	Acrylonitrile	ND		ug/L	0.500	0.422	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:25	THD
71-43-2	Benzene	ND		ug/L	0.500	0.279	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:25	THD
74-97-5	Bromochloromethane	ND		ug/L	0.500	0.354	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:25	THD
75-27-4	Bromodichloromethane	ND		ug/L	0.500	0.245	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:25	THD
75-25-2	Bromoform	ND		ug/L	0.500	0.163	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:25	THD
74-83-9	Bromomethane	ND	CCVE	ug/L	2.00	0.500	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:25	THD
75-15-0	Carbon disulfide	ND		ug/L	0.500	0.362	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:25	THD
56-23-5	Carbon tetrachloride	ND		ug/L	0.500	0.204	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:25	THD
108-90-7	Chlorobenzene	ND		ug/L	0.500	0.284	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:25	THD
75-00-3	Chloroethane	ND		ug/L	0.500	0.448	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:25	THD
67-66-3	Chloroform	ND		ug/L	0.500	0.243	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:25	THD
74-87-3	Chloromethane	ND	CCVE	ug/L	0.500	0.372	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:25	THD

Sample Information

Client Sample ID: MW-9 (2026 27 02)			Sample ID: 26B1152-01			
Project (SDG) No.	Client Project ID		Matrix	Collection Date/Time		Date Received
26B1152	230051-170 Freeman Rd Brooklyn NY		Ground Water	February 27, 2026 11:00 am		02/27/2026

Volatile Organic Compounds by GC/MS

Sample Prepared by Method: EPA 5030B				Results Reported to MDL							
CAS No.	Parameter	Result	Flag	Units	RL	MDL	Dilution	Reference Method	Prepared	Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.500	0.262	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:25	THD
110-82-7	Cyclohexane	ND		ug/L	0.500	0.491	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:25	THD
124-48-1	Dibromochloromethane	ND		ug/L	0.500	0.146	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:25	THD
74-95-3	Dibromomethane	ND		ug/L	0.500	0.203	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:25	THD
75-71-8	Dichlorodifluoromethane	ND	CCVE, ICVE, QL-02	ug/L	0.500	0.451	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:25	THD
100-41-4	Ethyl Benzene	ND		ug/L	0.500	0.290	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:25	THD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	0.241	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:25	THD
98-82-8	Isopropylbenzene	ND		ug/L	0.500	0.405	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:25	THD
79-20-9	Methyl acetate	ND		ug/L	0.500	0.442	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:25	THD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	ICVE	ug/L	0.500	0.244	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:25	THD
108-87-2	Methylcyclohexane	ND		ug/L	0.500	0.477	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:25	THD
75-09-2	Methylene chloride	ND	CCVE	ug/L	2.00	0.397	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:25	THD
104-51-8	n-Butylbenzene	ND		ug/L	0.500	0.399	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:25	THD
103-65-1	n-Propylbenzene	ND		ug/L	0.500	0.384	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:25	THD
95-47-6	o-Xylene	ND		ug/L	0.500	0.261	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:25	THD
179601-23-1	p- & m- Xylenes	ND		ug/L	1.00	0.578	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:25	THD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.500	0.377	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:25	THD
135-98-8	sec-Butylbenzene	ND		ug/L	0.500	0.444	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:25	THD
100-42-5	Styrene	ND		ug/L	0.500	0.255	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:25	THD
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE	ug/L	1.00	0.608	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:25	THD
98-06-6	tert-Butylbenzene	ND		ug/L	0.500	0.367	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:25	THD
127-18-4	Tetrachloroethylene	0.310	J	ug/L	0.500	0.239	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:25	THD
108-88-3	Toluene	ND		ug/L	0.500	0.346	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:25	THD
156-60-5	trans-1,2-Dichloroethylene	23.3		ug/L	0.500	0.279	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:25	THD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.500	0.229	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:25	THD
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.500	0.283	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:25	THD
79-01-6	Trichloroethylene	0.610		ug/L	0.500	0.249	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:25	THD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.500	0.337	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:25	THD
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.500	0.469	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:25	THD
1330-20-7	Xylenes, Total	ND		ug/L	1.50	0.839	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:25	THD
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	114 %			69-130						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	108 %			79-122						
2037-26-5	Surrogate: SURR: Toluene-d8	107 %			81-117						

Data Path : C:\msdchem\1\data\VOA7-02-28-26\
 Data File : V7-55510.D
 InstName : MSVOA7
 Acq On : 28 Feb 2026 12:25 pm
 Operator : THD
 Sample : 26B1152-01 A
 Misc : 8260
 ALS Vial : 47 Sample Multiplier: 1

Quant Time: Mar 04 21:01:21 2026
 Quant Method : C:\msdchem\1\methods\Calibration\V7-8260D-R020926.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Wed Feb 11 19:02:20 2026
 Response via : Initial Calibration

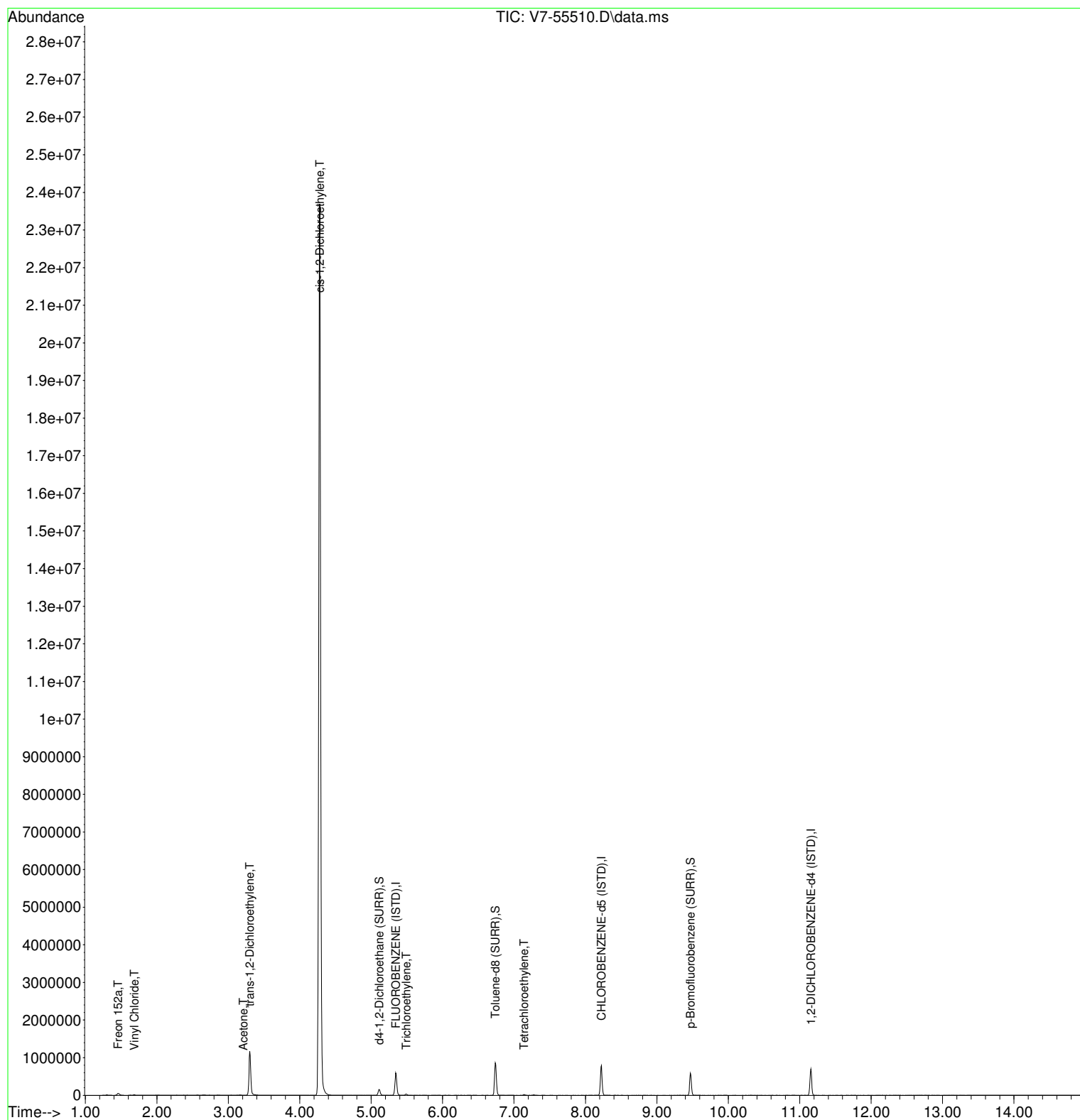
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

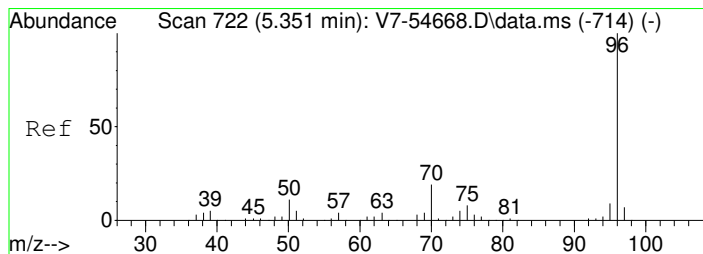
Internal Standards						
1) FLUOROBENZENE (ISTD)	5.345	50	57773	10.00	ppb	0.00
48) CHLOROBENZENE-d5 (ISTD)	8.223	54	99376	10.00	ppb	0.00
80) 1,2-DICHLOROBENZENE-d4...	11.155	152	197062	10.00	ppb	0.00
System Monitoring Compounds						
42) d4-1,2-Dichloroethane ...	5.114	65	108105	11.35	ppb	0.00
Spiked Amount 10.000	Range	69 - 130	Recovery	=	113.50%	
60) Toluene-d8 (SURR)	6.738	98	590478	10.74	ppb	0.00
Spiked Amount 10.000	Range	81 - 117	Recovery	=	107.40%	
82) p-Bromofluorobenzene (...)	9.470	95	205416	10.79	ppb	0.00
Spiked Amount 10.000	Range	79 - 122	Recovery	=	107.90%	
Target Compounds						
3) Freon 152a	1.457	65	32946	3.77	ppb	11
8) Vinyl Chloride	1.683	62	10183	0.45	ppb	95
18) Acetone	3.210	58	235	1.61	ppb	1
26) trans-1,2-Dichloroethy...	3.301	61	644519	23.28	ppb	96
33) cis-1,2-Dichloroethylene	4.280	61	11961116	508.85	ppb	98
49) Trichloroethylene	5.491	95	10759	0.61	ppb	98
67) Tetrachloroethylene	7.140	166	5818	0.31	ppb	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\VOA7-02-28-26\
Data File : V7-55510.D
InstName : MSVOA7
Acq On : 28 Feb 2026 12:25 pm
Operator : THD
Sample : 26B1152-01 A
Misc : 8260
ALS Vial : 47 Sample Multiplier: 1

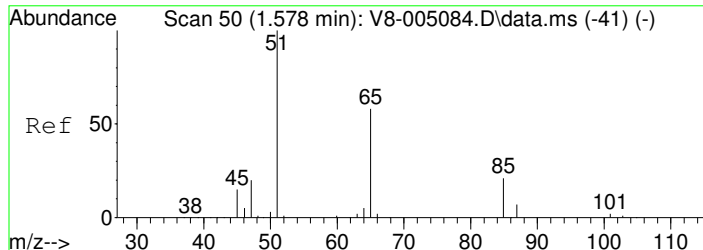
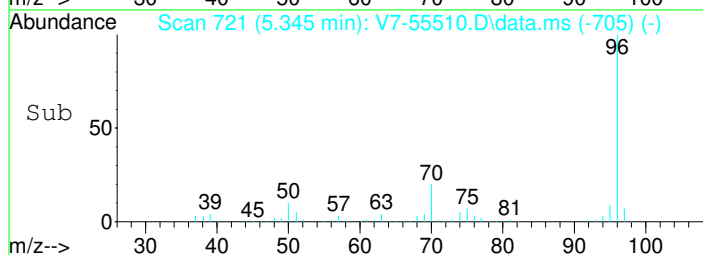
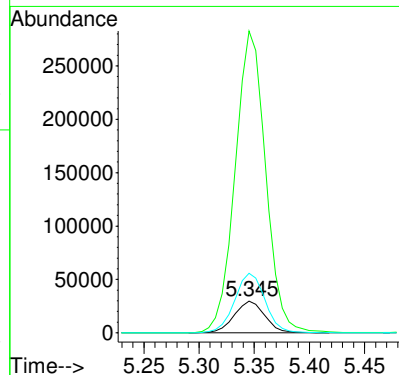
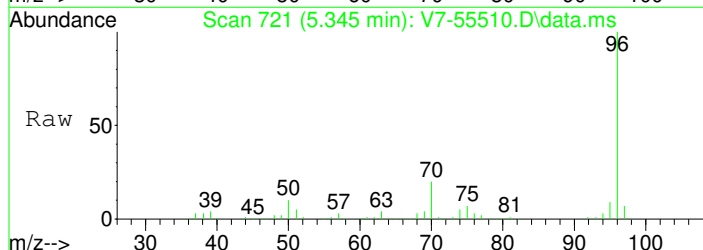
Quant Time: Mar 04 21:01:21 2026
Quant Method : C:\msdchem\1\methods\Calibration\V7-8260D-R020926.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Feb 11 19:02:20 2026
Response via : Initial Calibration





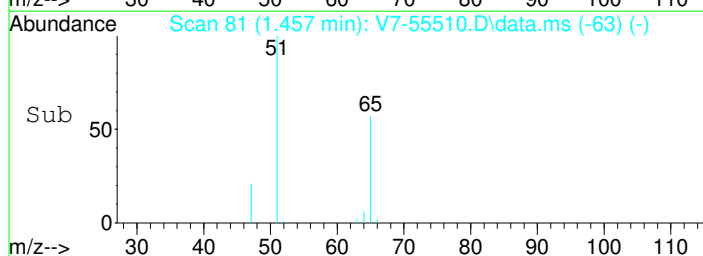
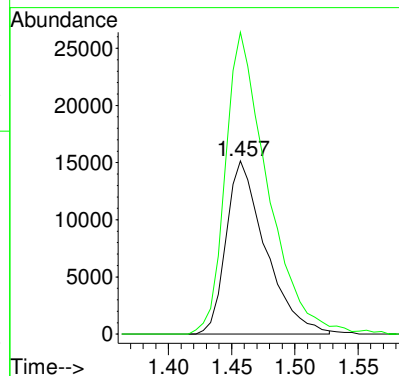
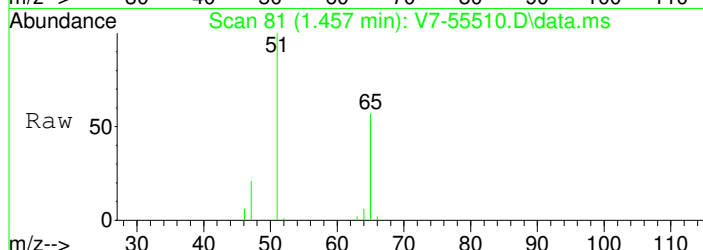
#1
 FLUOROBENZENE (ISTD)
 Concen: 10.00 ppb
 RT: 5.345 min Scan# 721
 Delta R.T. 0.000 min
 Lab File: V7-55510.D
 Acq: 28 Feb 2026 12:25 pm

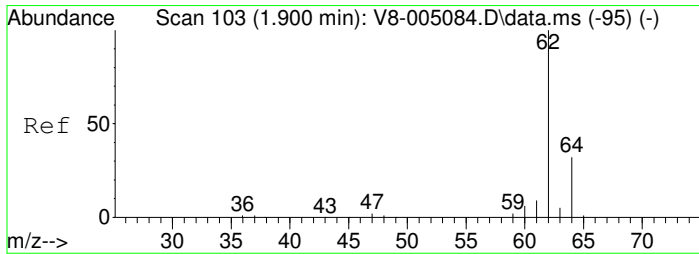
Tgt Ion	Ratio	Lower	Upper
50	100		
96	944.9	597.1	1240.1
70	186.7	118.2	245.6



#3
 Freon 152a
 Concen: 3.77 ppb
 RT: 1.457 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: V7-55510.D
 Acq: 28 Feb 2026 12:25 pm

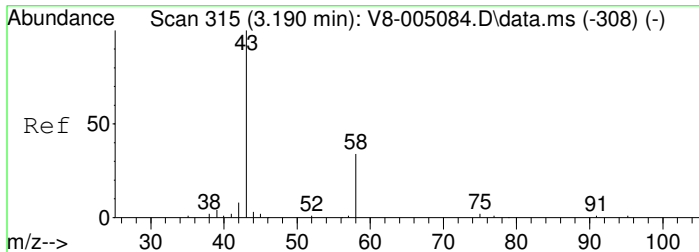
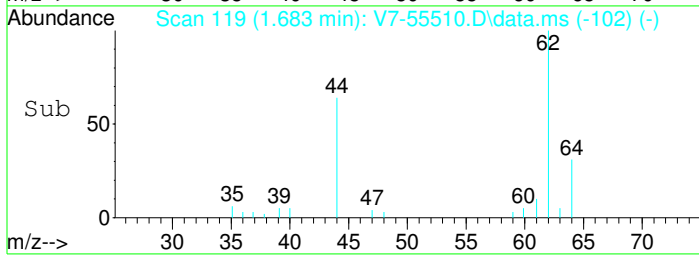
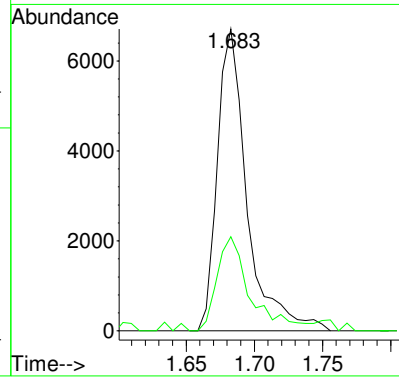
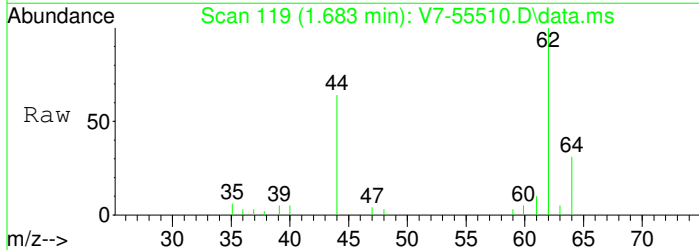
Tgt Ion	Ratio	Lower	Upper
65	100		
51	184.3	254.7	528.9#





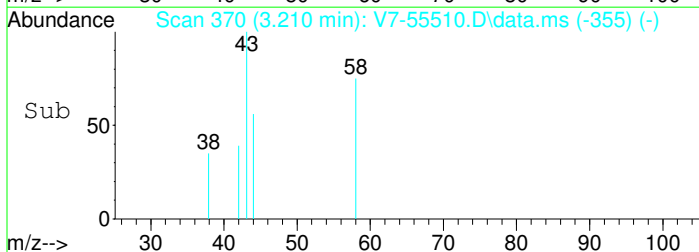
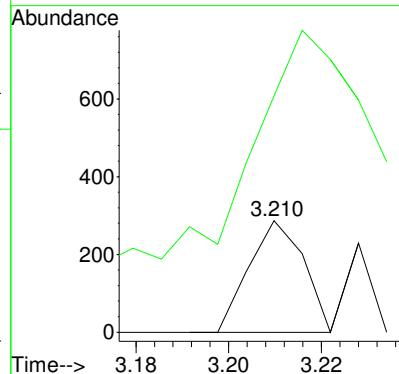
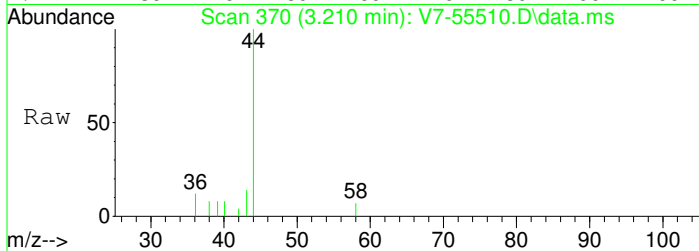
#8
 Vinyl Chloride
 Concen: 0.45 ppb
 RT: 1.683 min Scan# 119
 Delta R.T. -0.000 min
 Lab File: V7-55510.D
 Acq: 28 Feb 2026 12:25 pm

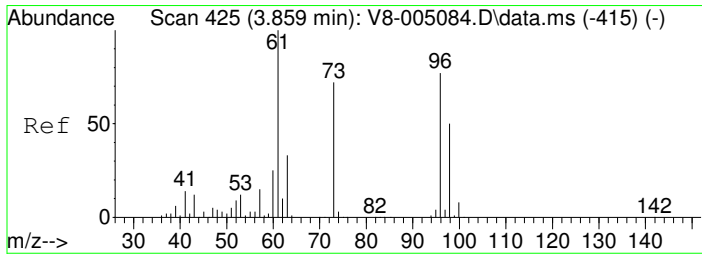
Tgt Ion: 62 Resp: 10183
 Ion Ratio Lower Upper
 62 100
 64 34.9 20.8 43.2



#18
 Acetone
 Concen: 1.61 ppb
 RT: 3.210 min Scan# 370
 Delta R.T. -0.006 min
 Lab File: V7-55510.D
 Acq: 28 Feb 2026 12:25 pm

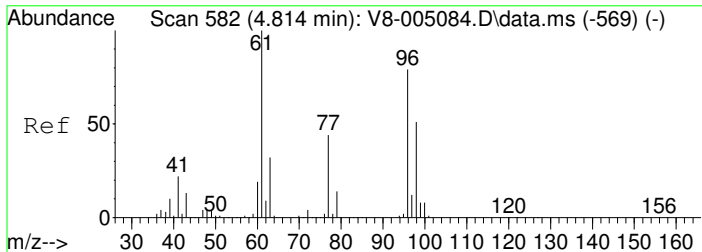
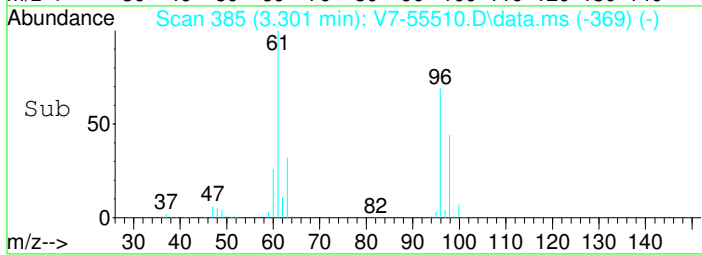
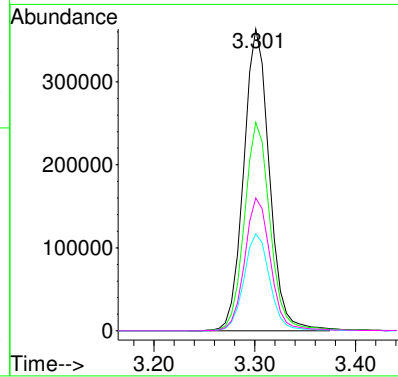
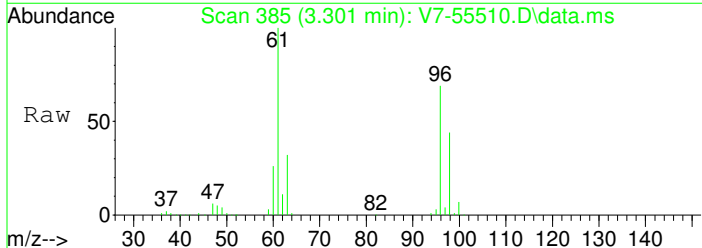
Tgt Ion: 58 Resp: 235
 Ion Ratio Lower Upper
 58 100
 43 737.4 184.7 383.7#





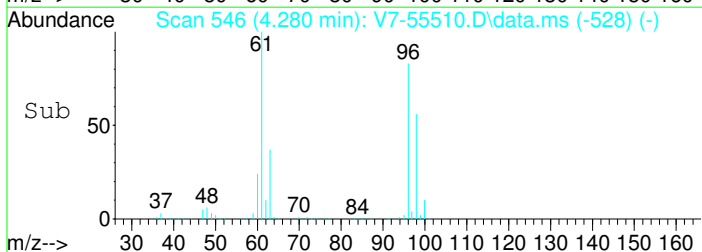
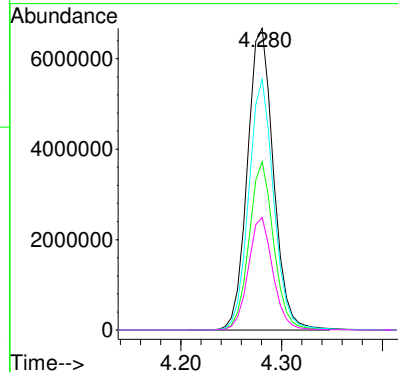
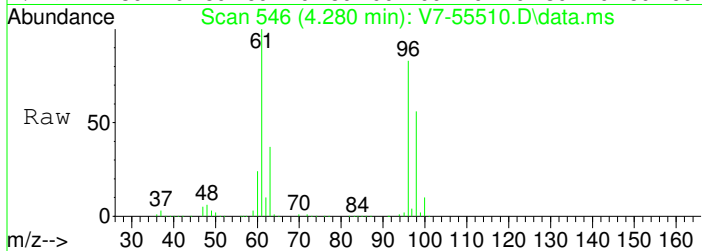
#26
trans-1,2-Dichloroethylene
Concen: 23.28 ppb
RT: 3.301 min Scan# 385
Delta R.T. 0.000 min
Lab File: V7-55510.D
Acq: 28 Feb 2026 12:25 pm

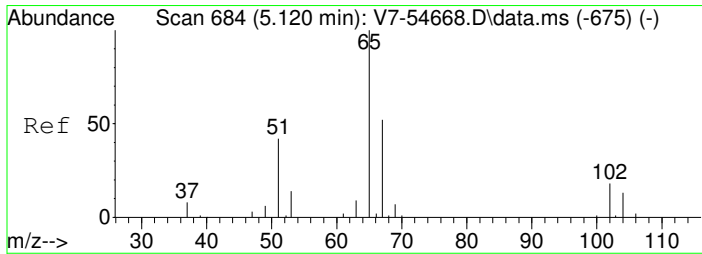
Tgt Ion:	61	Resp:	644519
Ion Ratio	Lower	Upper	
61	100		
96	68.7	47.6	98.8
63	32.4	21.3	44.3
98	44.1	30.3	62.9



#33
cis-1,2-Dichloroethylene
Concen: 508.85 ppb
RT: 4.280 min Scan# 546
Delta R.T. 0.006 min
Lab File: V7-55510.D
Acq: 28 Feb 2026 12:25 pm

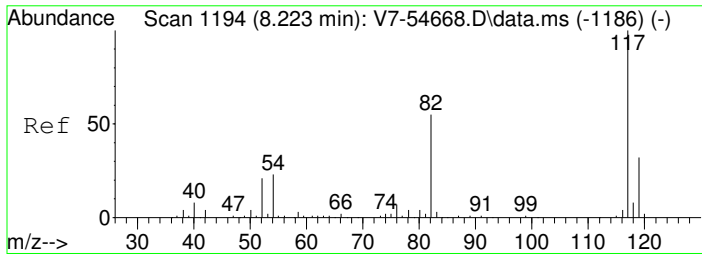
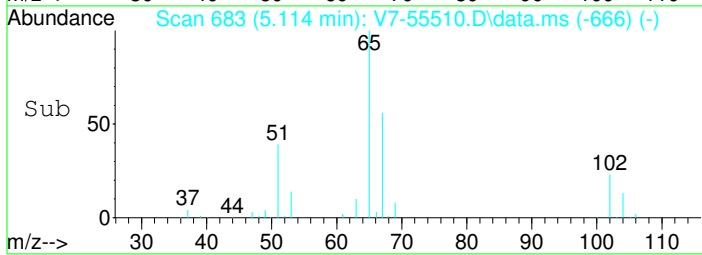
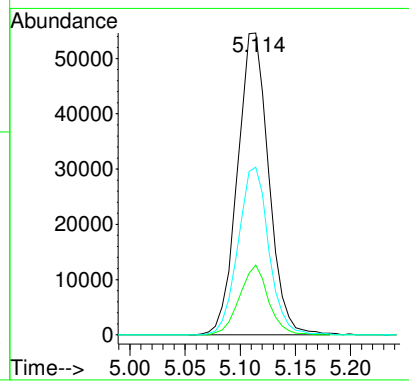
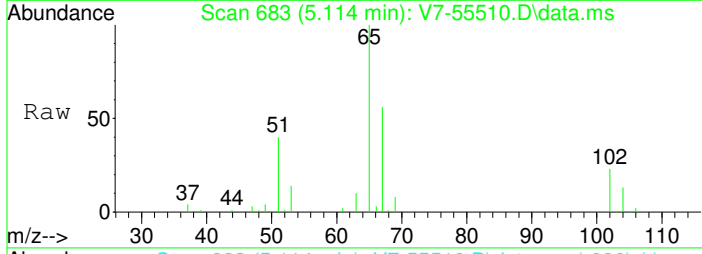
Tgt Ion:	61	Resp:	11961116
Ion Ratio	Lower	Upper	
61	100		
98	52.8	33.6	69.8
96	79.9	52.3	108.5
63	35.4	21.3	44.3





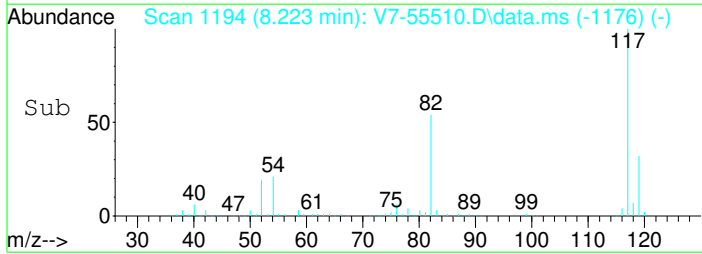
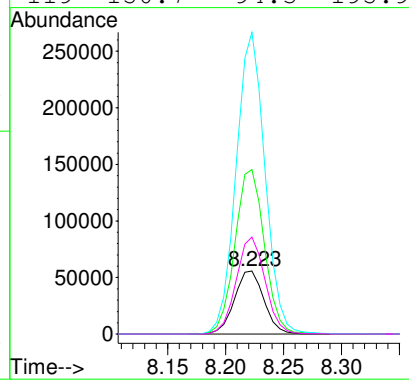
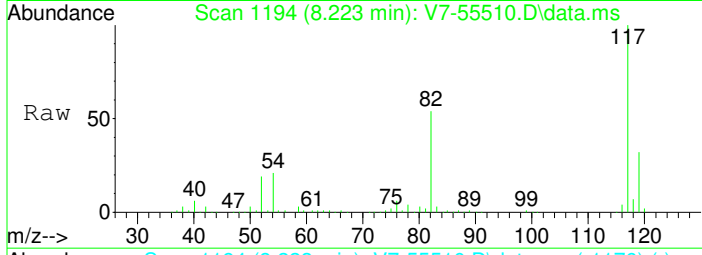
#42
 d4-1,2-Dichloroethane (SURR)
 Concen: 11.35 ppb
 RT: 5.114 min Scan# 683
 Delta R.T. 0.006 min
 Lab File: V7-55510.D
 Acq: 28 Feb 2026 12:25 pm

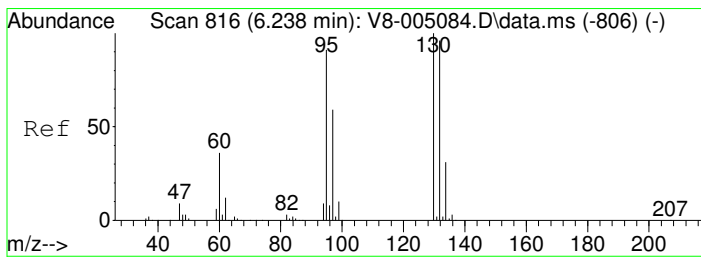
Tgt Ion	Ratio	Lower	Upper
65	100		
102	21.3	14.8	30.6
67	54.8	36.5	75.9



#48
 CHLOROBENZENE-d5 (ISTD)
 Concen: 10.00 ppb
 RT: 8.223 min Scan# 1194
 Delta R.T. 0.007 min
 Lab File: V7-55510.D
 Acq: 28 Feb 2026 12:25 pm

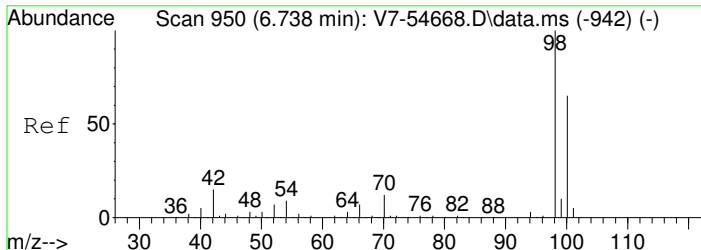
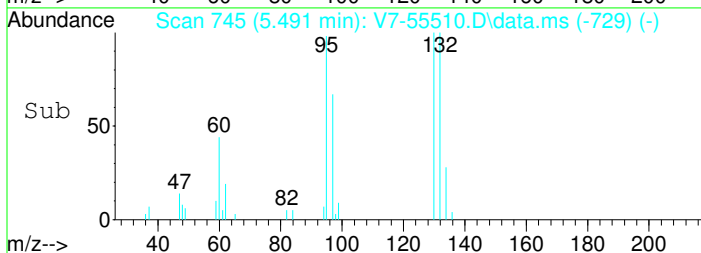
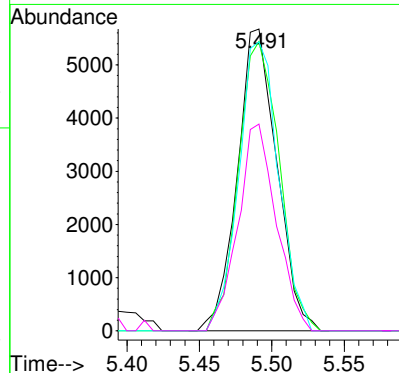
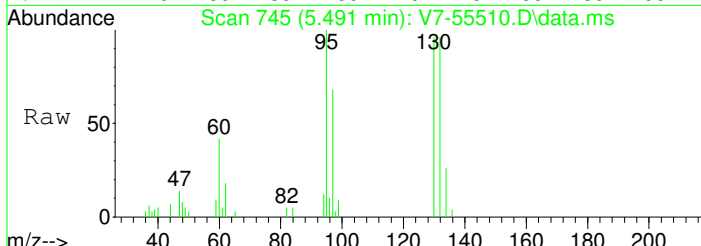
Tgt Ion	Ratio	Lower	Upper
54	100		
82	259.9	160.7	333.9
117	466.4	293.7	610.1
119	150.7	94.3	195.9





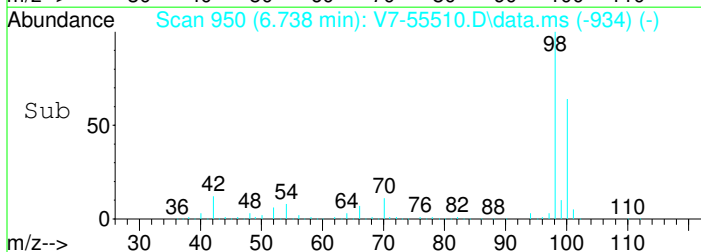
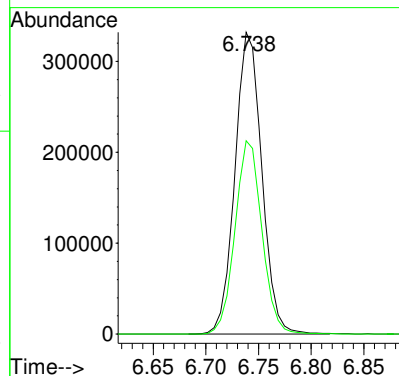
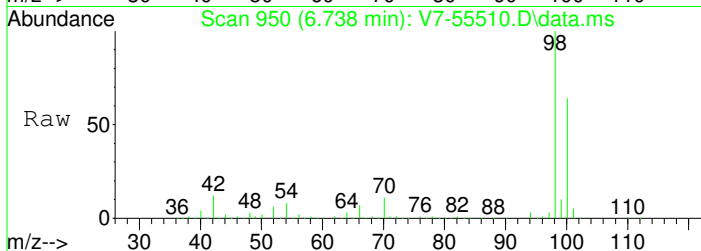
#49
Trichloroethylene
Concen: 0.61 ppb
RT: 5.491 min Scan# 745
Delta R.T. 0.000 min
Lab File: V7-55510.D
Acq: 28 Feb 2026 12:25 pm

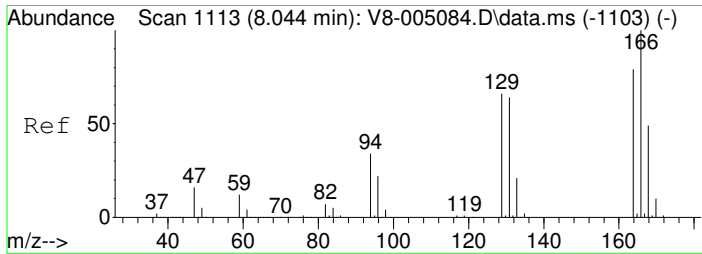
Tgt Ion	95	Resp	10759
Ion Ratio	100		
Lower	66.8		
Upper	138.8		
130	99.1	63.6	132.2
132	96.9	44.2	91.8
97	66.4		



#60
Toluene-d8 (SURR)
Concen: 10.74 ppb
RT: 6.738 min Scan# 950
Delta R.T. 0.000 min
Lab File: V7-55510.D
Acq: 28 Feb 2026 12:25 pm

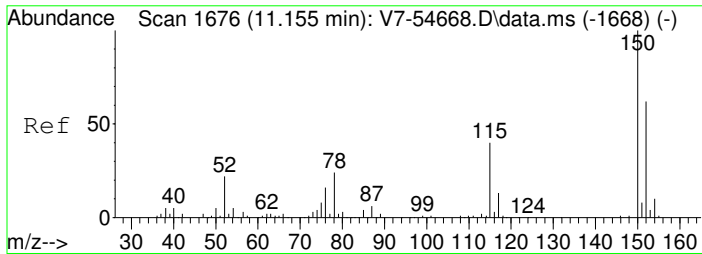
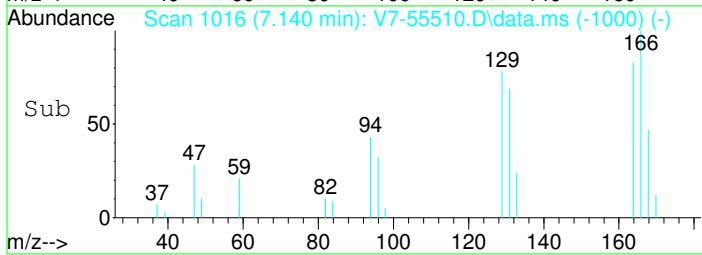
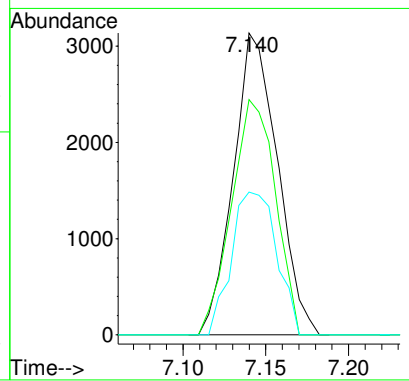
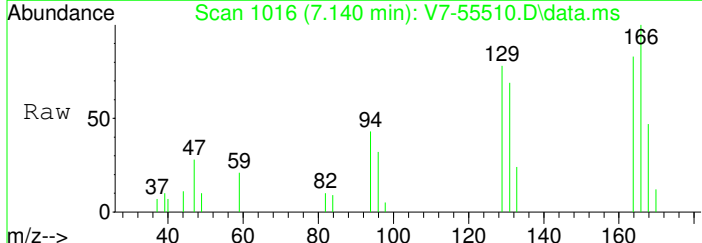
Tgt Ion	98	Resp	590478
Ion Ratio	100		
Lower	64.1		
Upper	87.9		
100	64.1	42.3	87.9





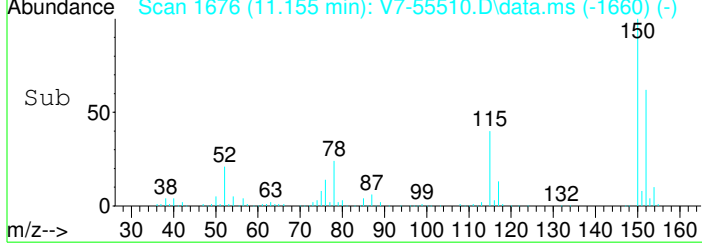
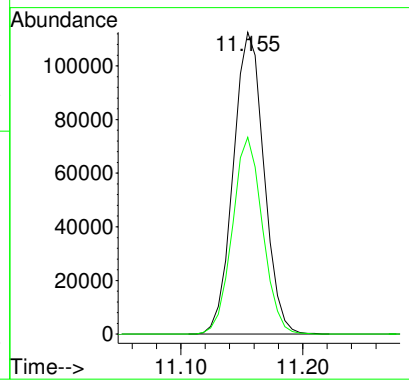
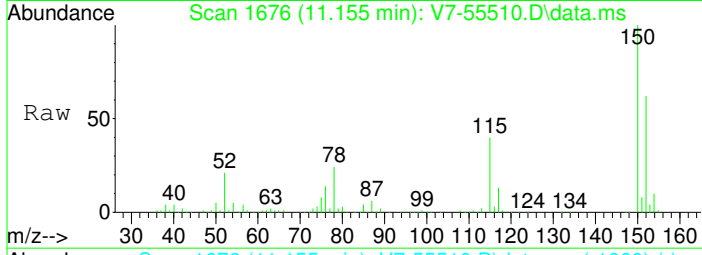
#67
Tetrachloroethylene
Concen: 0.31 ppb
RT: 7.140 min Scan# 1016
Delta R.T. -0.000 min
Lab File: V7-55510.D
Acq: 28 Feb 2026 12:25 pm

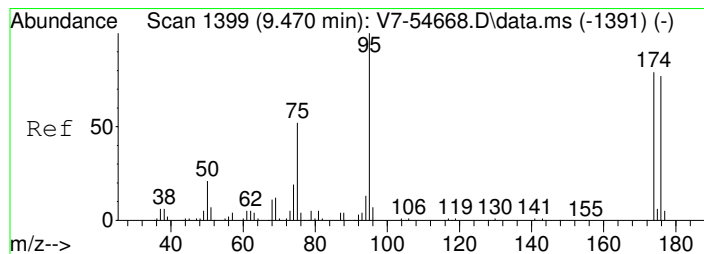
Tgt Ion	166	Resp:	5818
Ion Ratio	Lower	Upper	
166	100		
129	77.8	47.6	99.0
168	48.5	31.2	64.8



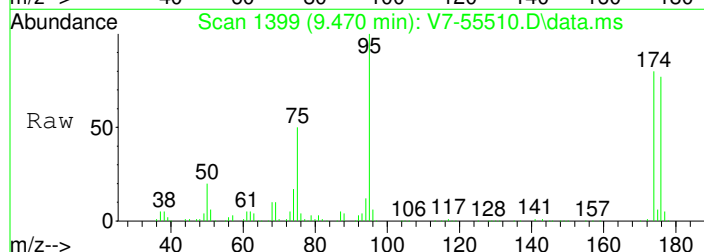
#80
1,2-DICHLOROBENZENE-d4 (ISTD)
Concen: 10.00 ppb
RT: 11.155 min Scan# 1676
Delta R.T. -0.000 min
Lab File: V7-55510.D
Acq: 28 Feb 2026 12:25 pm

Tgt Ion	152	Resp:	197062
Ion Ratio	Lower	Upper	
152	100		
115	64.0	40.0	83.2

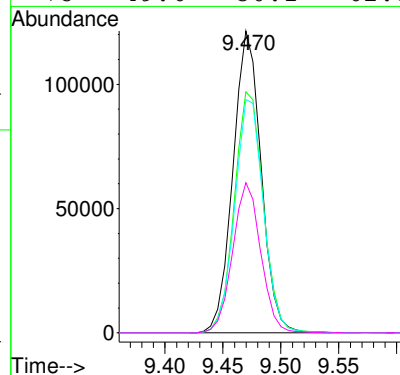
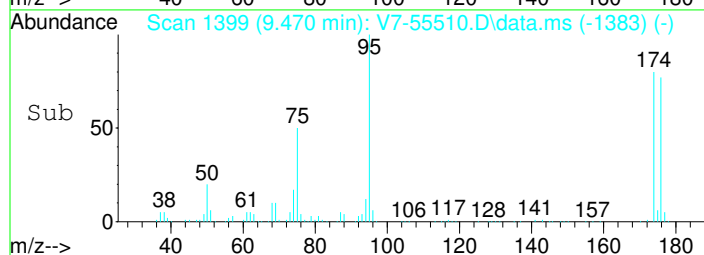




#82
 p-Bromofluorobenzene (SURRE)
 Concen: 10.79 ppb
 RT: 9.470 min Scan# 1399
 Delta R.T. -0.000 min
 Lab File: V7-55510.D
 Acq: 28 Feb 2026 12:25 pm



Tgt Ion:	95	Resp:	205416
Ion Ratio	Lower	Upper	
95	100		
174	82.2	53.5	111.1
176	79.1	52.3	108.5
75	49.6	30.1	62.5



Sample Information

Client Sample ID: MW-9 (2026 27 02)			Sample ID: 26B1152-01RE1		
Project (SDG) No.	Client Project ID		Matrix	Collection Date/Time	Date Received
26B1152	230051-170 Freeman Rd Brooklyn NY		Ground Water	February 27, 2026 11:00 am	02/27/2026

Volatile Organic Compounds by GC/MS

Sample Prepared by Method: EPA 5030B					Results Reported to MDL						
CAS No.	Parameter	Result	Flag	Units	RL	MDL	Dilution	Reference Method	Prepared	Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	424		ug/L	25.0	14.7	50	EPA 8260D	02/28/2026 07:00	03/05/2026 14:21	THD
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	99.6 %			69-130						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	110 %			79-122						
2037-26-5	Surrogate: SURR: Toluene-d8	102 %			81-117						

Data File : V10C19077.D
 Data Path : C:\msdchem\1\data\V10-03-05-2026\
 Acq On : 5 Mar 2026 2:21 pm
 Operator : THD
 Sample : 26B1152-01RE1
 Misc : 50X
 ALS Vial : 35
 InstName : VOA No. 10
 DataAcq Meth:VOA10ACQ.M
 Multiplr: 50.00

Quant Time: Mar 05 22:31:11 2026
 QMeth File : V10-8260D-R020926.M
 Quant Method : C:\msdchem\1\methods\V10-8260D-R020926.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Wed Feb 11 17:28:59 2026
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)

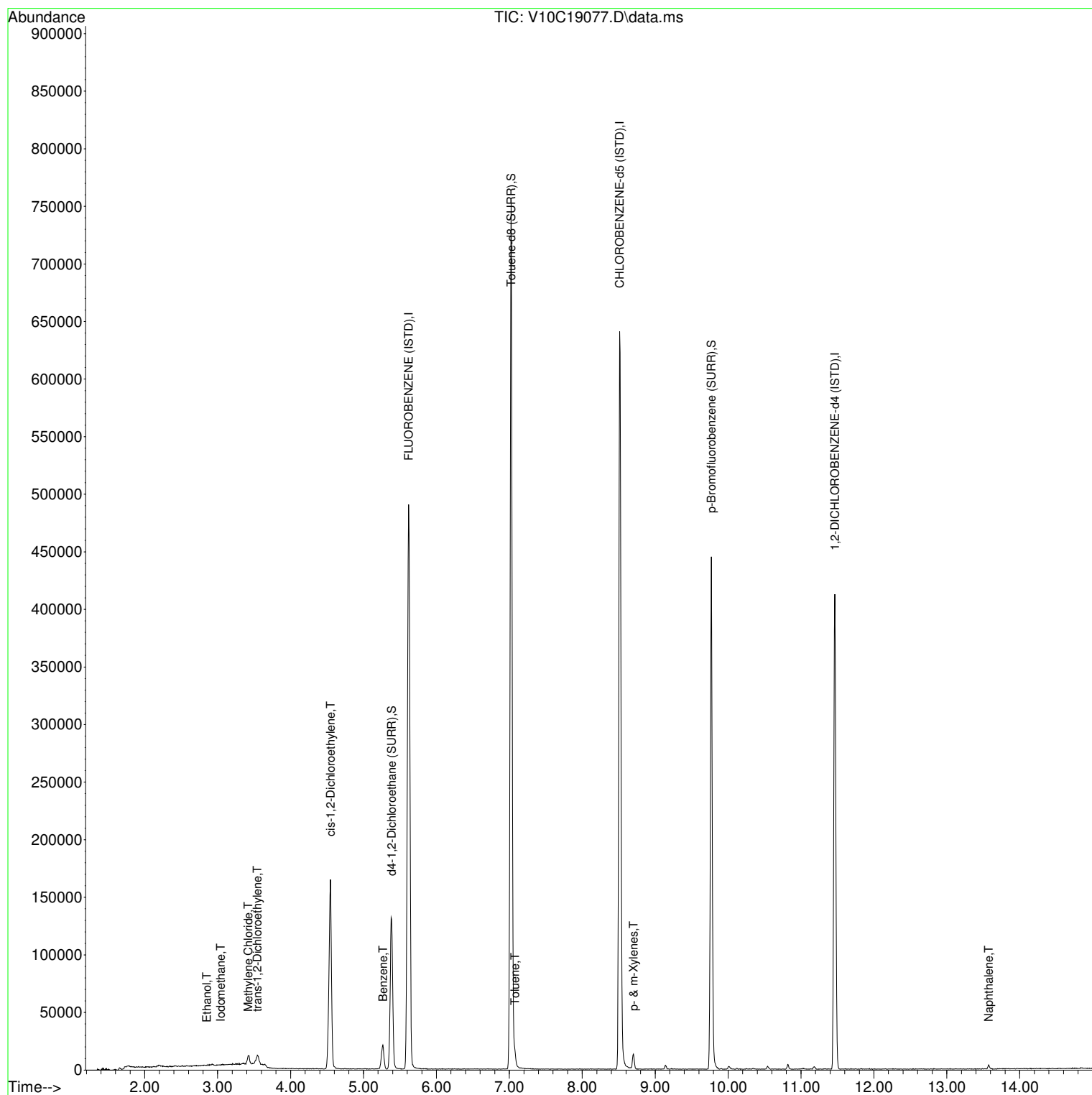
Internal Standards						
1) FLUOROBENZENE (ISTD)	5.618	50	65763	10.00	ppb	0.00
48) CHLOROBENZENE-d5 (ISTD)	8.513	119	125601	10.00	ppb	0.00
80) 1,2-DICHLOROBENZENE-d4...	11.464	152	121878	10.00	ppb	0.00
System Monitoring Compounds						
42) d4-1,2-Dichloroethane ...	5.386	65	114474	9.96	ppb	0.00
Spiked Amount 10.000	Range	69 - 130	Recovery	=	99.60%	
60) Toluene-d8 (SURR)	7.026	98	570718	10.25	ppb	0.00
Spiked Amount 10.000	Range	81 - 117	Recovery	=	102.50%	
82) p-Bromofluorobenzene (...)	9.769	95	176032	11.01	ppb	0.00
Spiked Amount 10.000	Range	79 - 122	Recovery	=	110.10%	
Target Compounds						Qvalue
13) Ethanol	2.850	45	61	2.85	ppb	# 40
19) Iodomethane	3.039	142	67	1.06	ppb	# 38
24) Methylene Chloride	3.417	49	5143	0.33	ppb	88
26) trans-1,2-Dichloroethy...	3.545	61	6904	0.37	ppb	91
33) cis-1,2-Dichloroethylene	4.545	61	129701	8.47	ppb	92
46) Benzene	5.264	78	23550	0.51	ppb	98
61) Toluene	7.075	91	7900	0.16	ppb	98
76) p- & m-Xylenes	8.702	91	8978	0.22	ppb	95
113) Naphthalene	13.573	128	3239	0.52	ppb	# 93

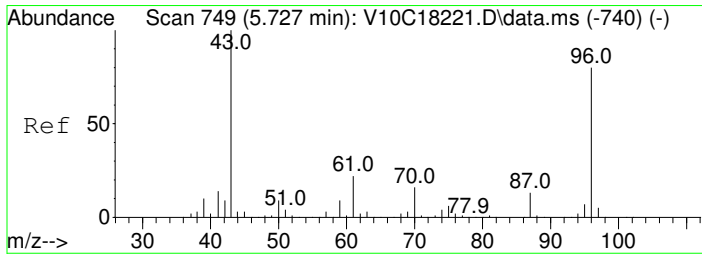
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : V10C19077.D
Data Path : C:\msdchem\1\data\V10-03-05-2026\
Acq On : 5 Mar 2026 2:21 pm
Operator : THD
Sample : 26B1152-01RE1
Misc : 50X
ALS Vial : 35
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Multiplr: 50.00

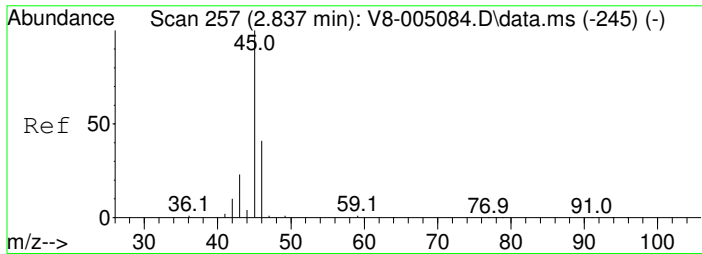
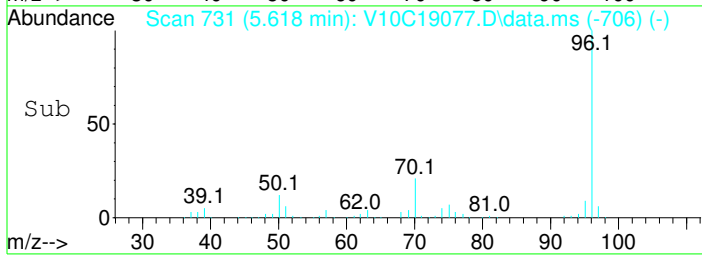
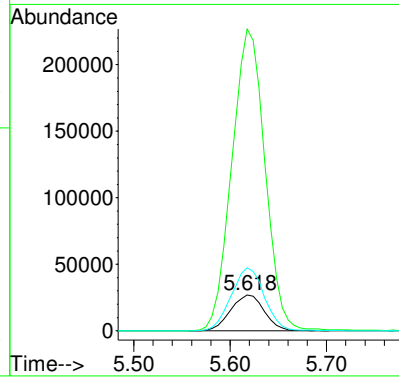
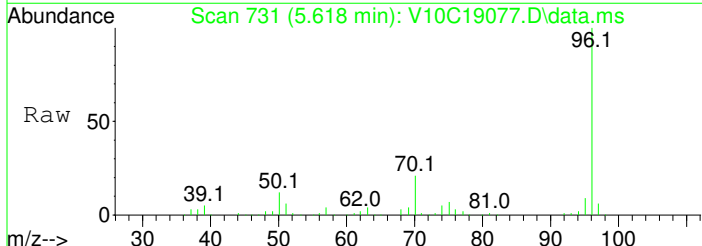
Quant Time: Mar 05 22:31:11 2026
QMeth File : V10-8260D-R020926.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R020926.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Feb 11 17:28:59 2026
Response via : Initial Calibration





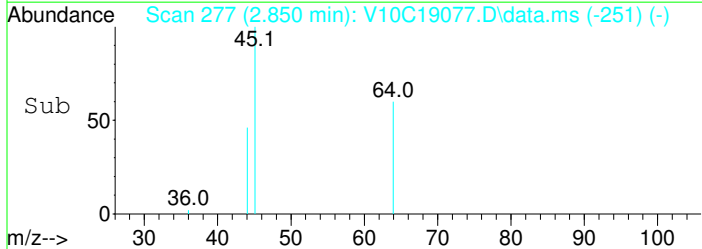
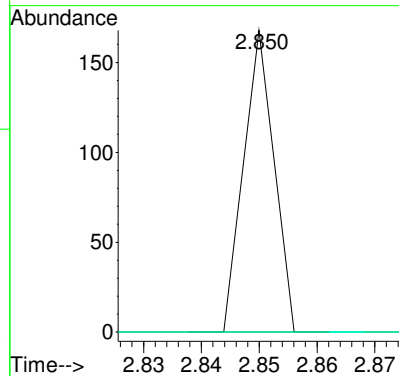
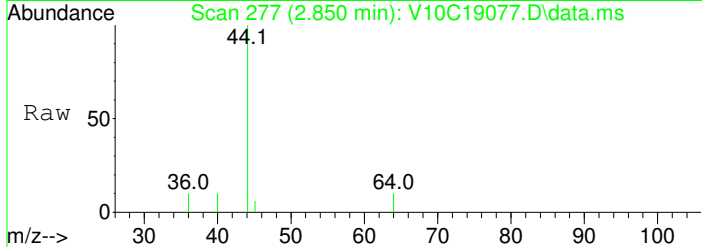
#1
 FLUOROBENZENE (ISTD)
 Concen: 10.00 ppb
 RT: 5.618 min Scan# 731
 Delta R.T. -0.000 min
 Lab File: V10C19077.D
 Acq: 5 Mar 2026 2:21 pm

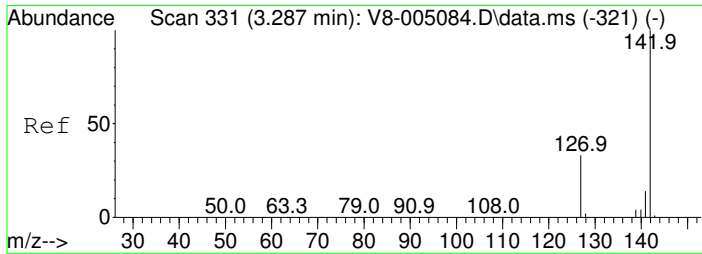
Tgt Ion	50	Resp	65763
Ion Ratio	Lower	Upper	
50	100		
96	828.1	549.7	1141.7
70	173.0	112.2	233.0



#13
 Ethanol
 Concen: 2.85 ppb
 RT: 2.850 min Scan# 277
 Delta R.T. 0.006 min
 Lab File: V10C19077.D
 Acq: 5 Mar 2026 2:21 pm

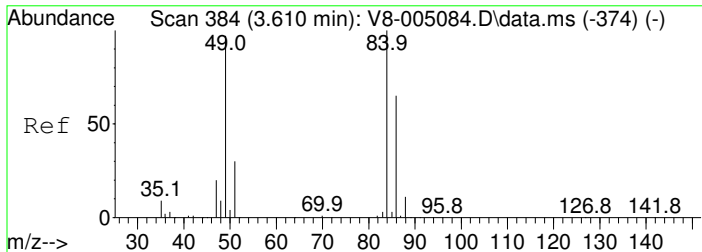
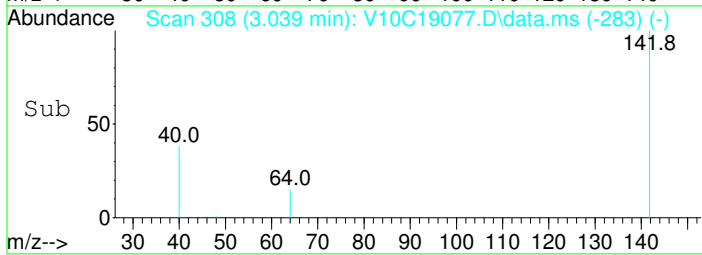
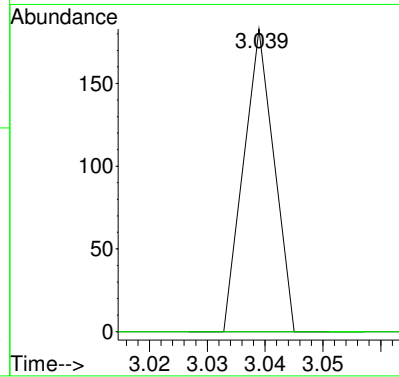
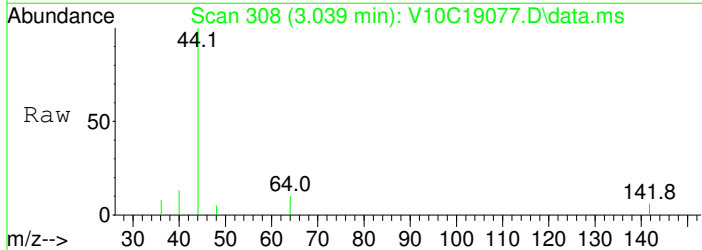
Tgt Ion	45	Resp	61
Ion Ratio	Lower	Upper	
45	100		
46	0.0	27.6	57.2#
42	0.0	5.6	11.6#





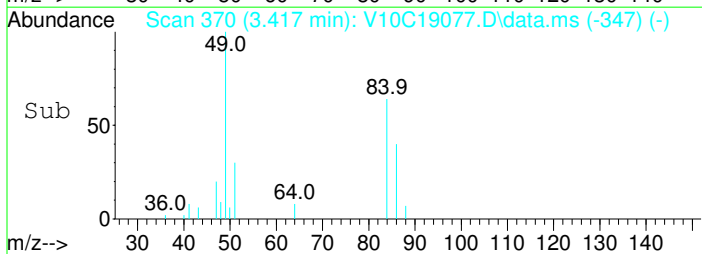
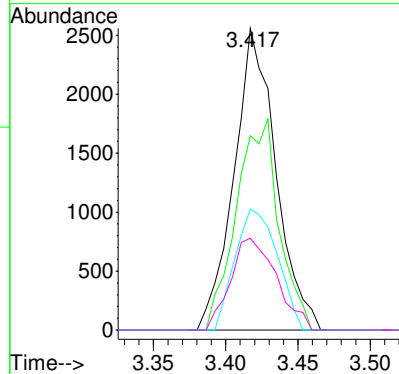
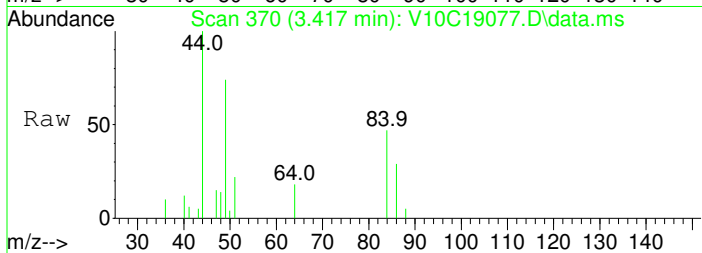
#19
Iodomethane
Concen: 1.06 ppb
RT: 3.039 min Scan# 308
Delta R.T. -0.000 min
Lab File: V10C19077.D
Acq: 5 Mar 2026 2:21 pm

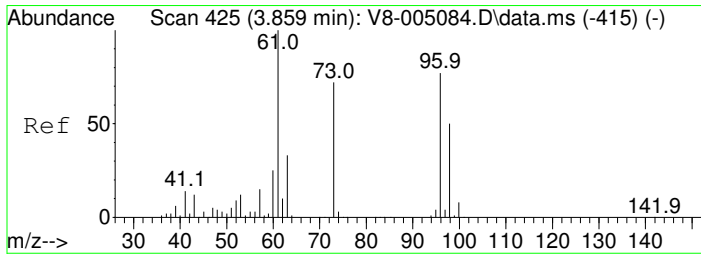
Tgt Ion	Ratio	Lower	Upper
142	100		
127	0.0	24.2	50.2#



#24
Methylene Chloride
Concen: 0.33 ppb
RT: 3.417 min Scan# 370
Delta R.T. -0.012 min
Lab File: V10C19077.D
Acq: 5 Mar 2026 2:21 pm

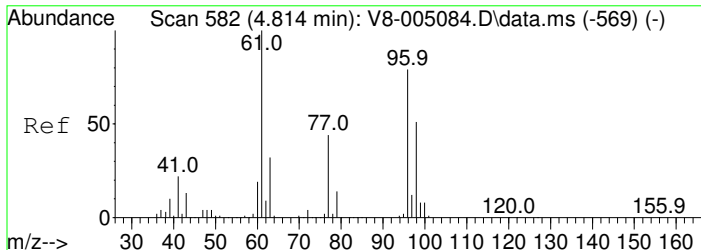
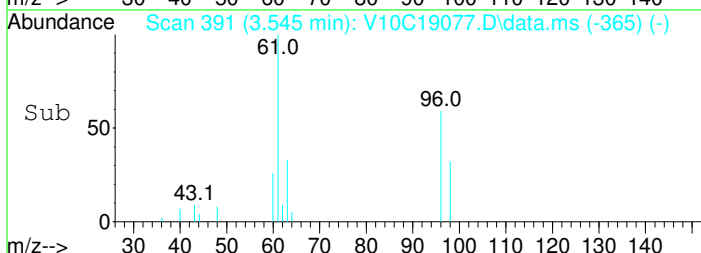
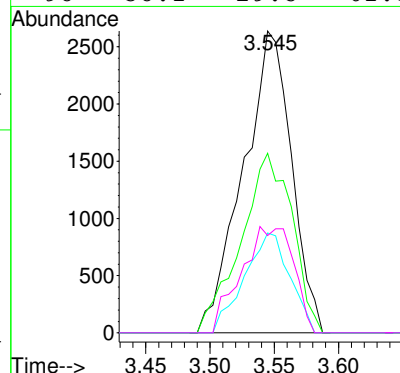
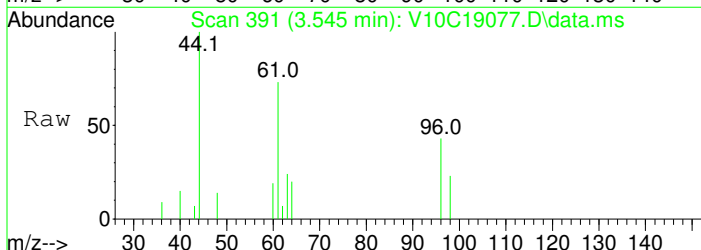
Tgt Ion	Ratio	Lower	Upper
49	100		
84	71.2	53.7	111.5
86	40.7	34.1	70.9
51	33.4	20.7	43.1





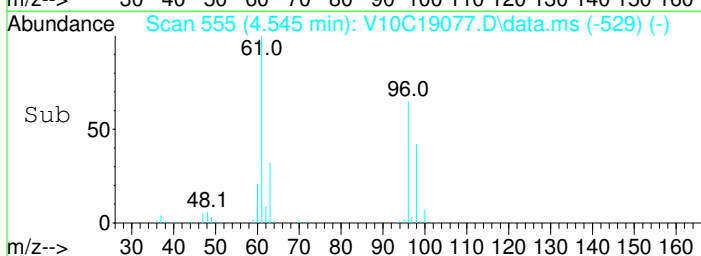
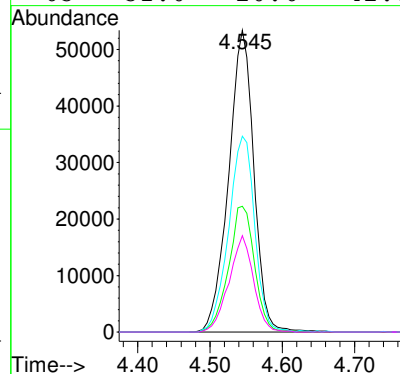
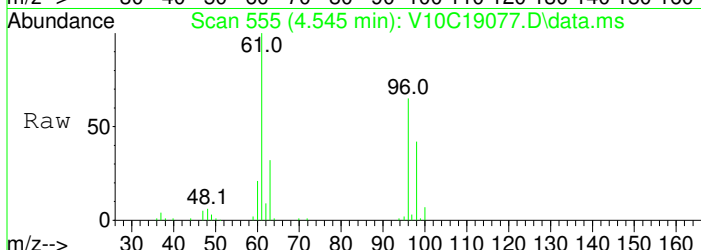
#26
trans-1,2-Dichloroethylene
Concen: 0.37 ppb
RT: 3.545 min Scan# 391
Delta R.T. 0.006 min
Lab File: V10C19077.D
Acq: 5 Mar 2026 2:21 pm

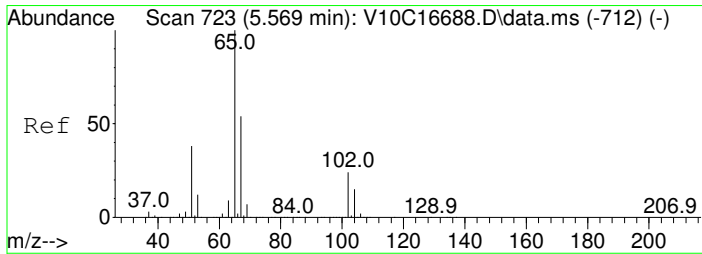
Tgt Ion	61	Resp	6904
Ion Ratio	100	Lower	Upper
96	63.2	46.9	97.5
63	31.1	21.2	44.0
98	38.1	29.5	61.3



#33
cis-1,2-Dichloroethylene
Concen: 8.47 ppb
RT: 4.545 min Scan# 555
Delta R.T. 0.006 min
Lab File: V10C19077.D
Acq: 5 Mar 2026 2:21 pm

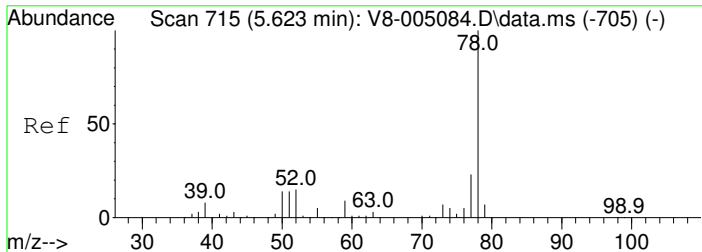
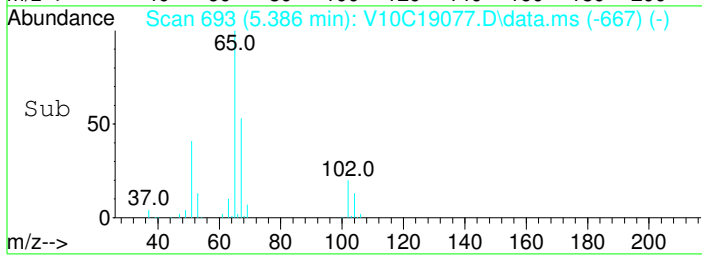
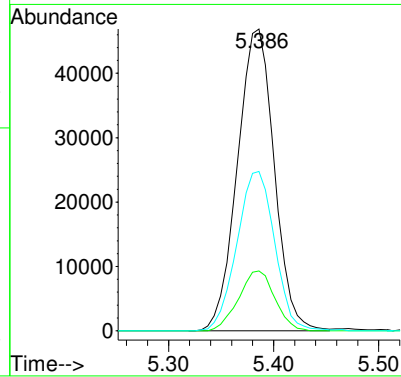
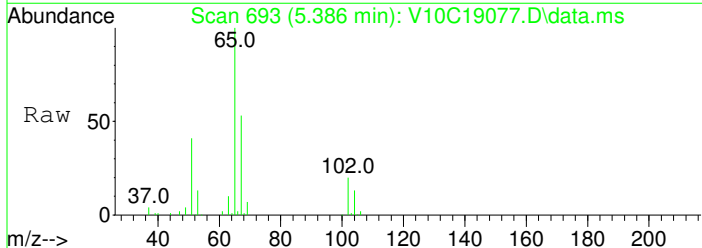
Tgt Ion	61	Resp	129701
Ion Ratio	100	Lower	Upper
98	42.9	31.3	64.9
96	66.9	49.9	103.7
63	31.0	20.6	42.8





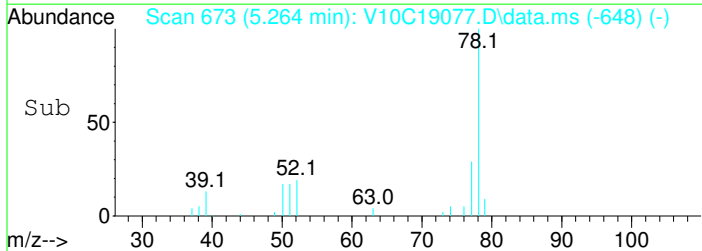
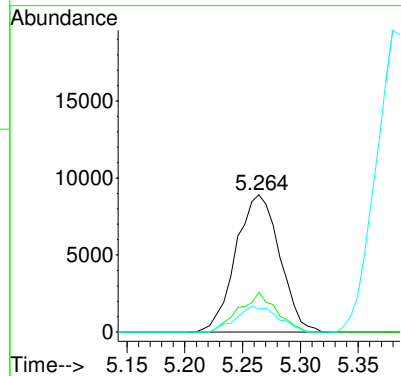
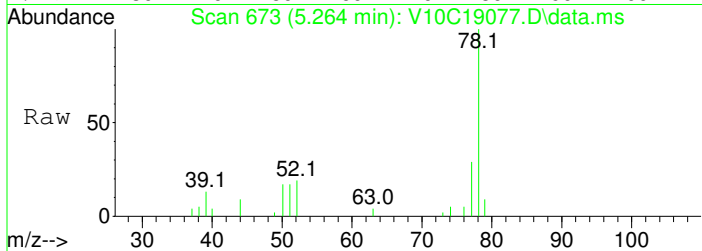
#42
d4-1,2-Dichloroethane (SURR)
Concen: 9.96 ppb
RT: 5.386 min Scan# 693
Delta R.T. 0.006 min
Lab File: V10C19077.D
Acq: 5 Mar 2026 2:21 pm

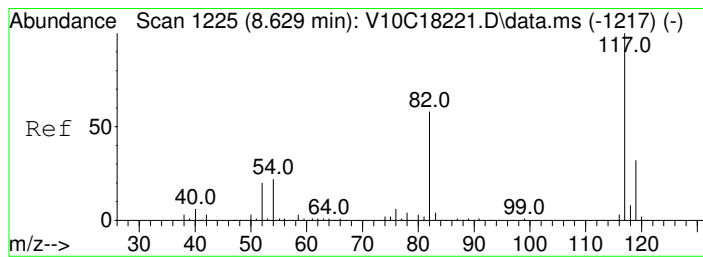
Tgt Ion: 65	Resp: 114474
Ion Ratio	Lower Upper
65	100
102	19.5 12.9 26.9
67	54.1 32.7 67.9



#46
Benzene
Concen: 0.51 ppb
RT: 5.264 min Scan# 673
Delta R.T. -0.000 min
Lab File: V10C19077.D
Acq: 5 Mar 2026 2:21 pm

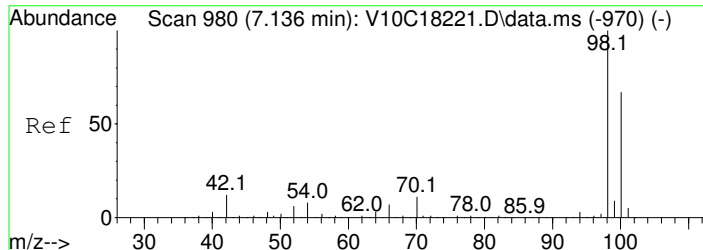
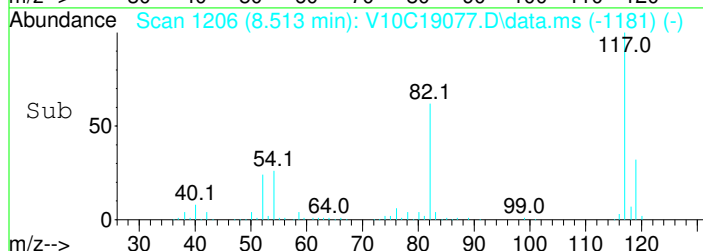
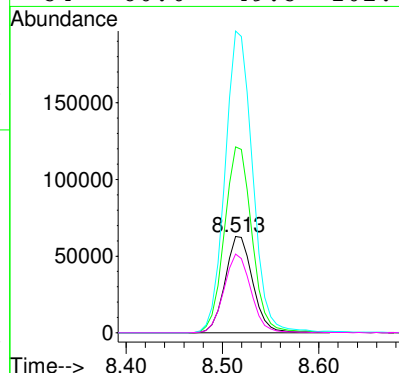
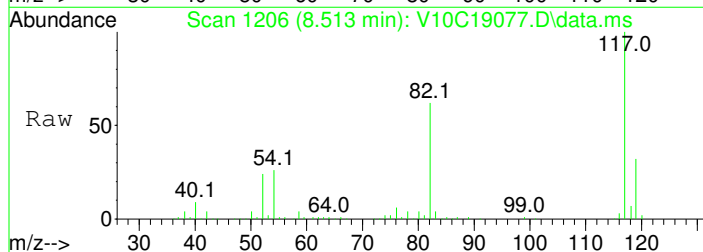
Tgt Ion: 78	Resp: 23550
Ion Ratio	Lower Upper
78	100
77	24.6 15.5 32.1
51	18.2 12.4 25.8





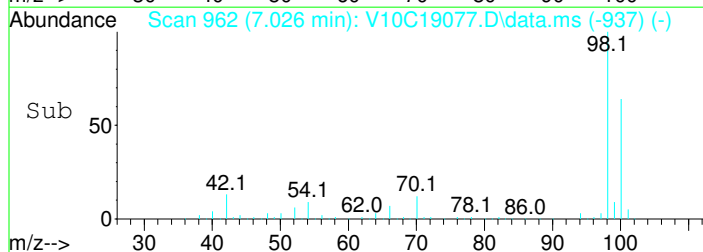
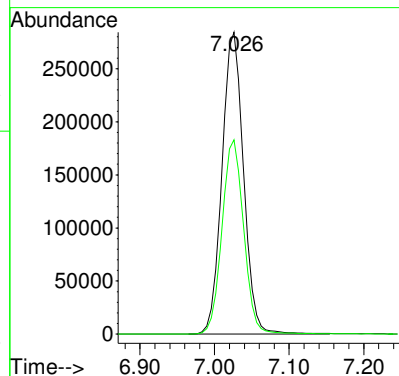
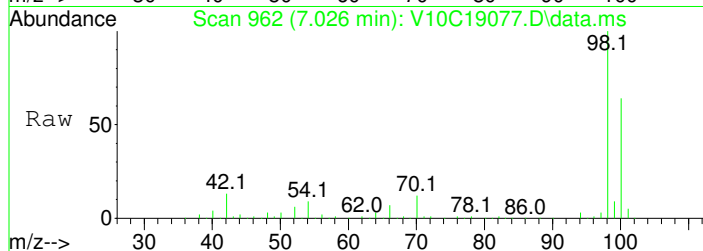
#48
 CHLOROBENZENE-d5 (ISTD)
 Concen: 10.00 ppb
 RT: 8.513 min Scan# 1206
 Delta R.T. -0.000 min
 Lab File: V10C19077.D
 Acq: 5 Mar 2026 2:21 pm

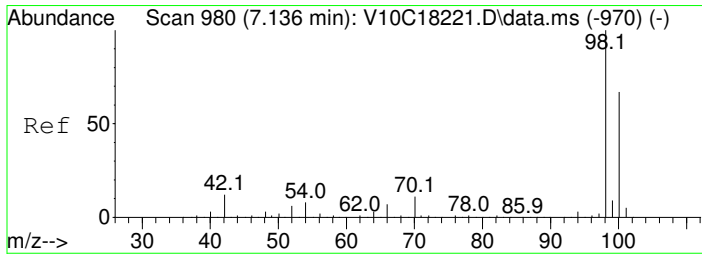
Tgt Ion: 119	Resp: 125601
Ion Ratio	Lower Upper
119	100
82	193.3 115.3 239.5
117	312.8 202.4 420.4
54	80.6 49.5 102.7



#60
 Toluene-d8 (SURR)
 Concen: 10.25 ppb
 RT: 7.026 min Scan# 962
 Delta R.T. -0.000 min
 Lab File: V10C19077.D
 Acq: 5 Mar 2026 2:21 pm

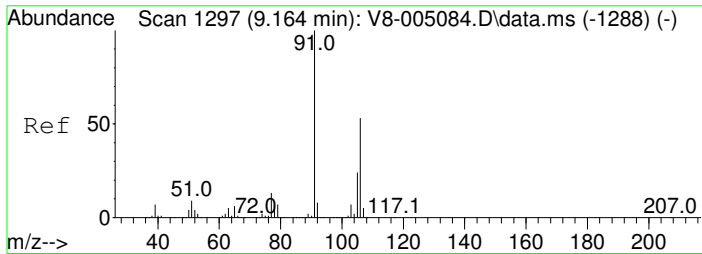
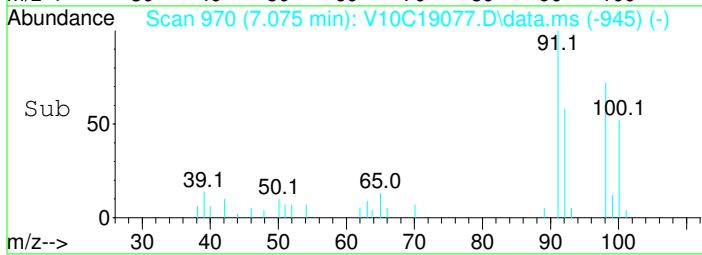
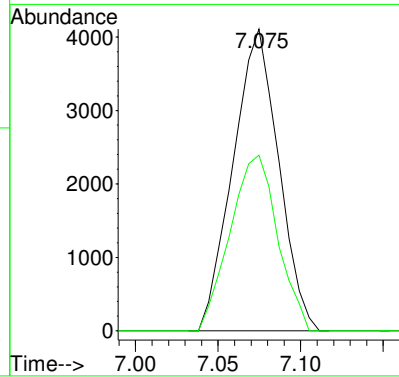
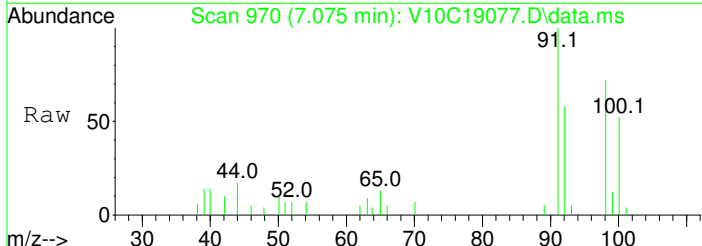
Tgt Ion: 98	Resp: 570718
Ion Ratio	Lower Upper
98	100
100	64.4 42.3 87.9





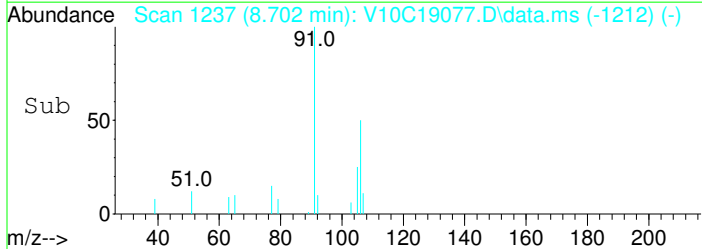
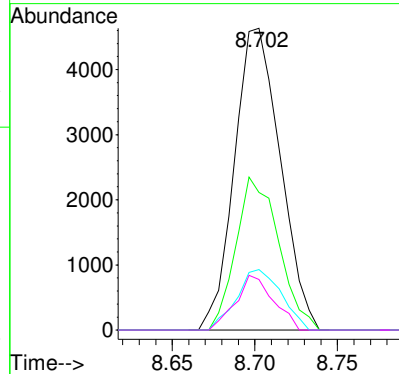
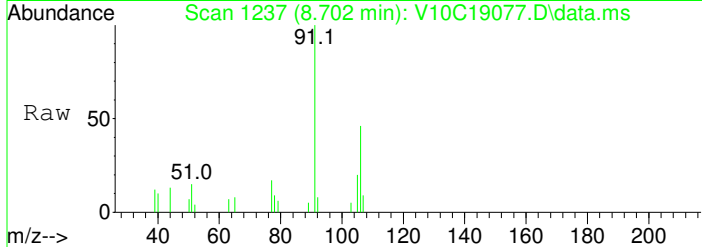
#61
Toluene
Concen: 0.16 ppb
RT: 7.075 min Scan# 970
Delta R.T. -0.000 min
Lab File: V10C19077.D
Acq: 5 Mar 2026 2:21 pm

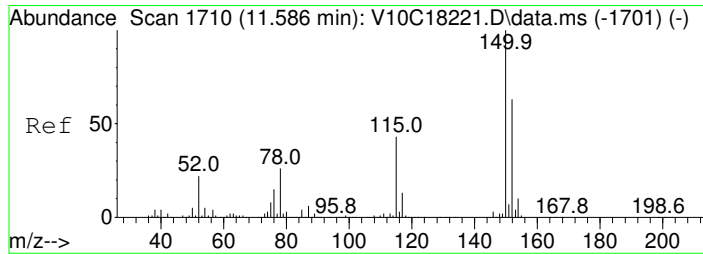
Tgt Ion:	91	Resp:	7900
Ion Ratio	Lower	Upper	
91	100		
92	60.5	38.2	79.4



#76
p- & m-Xylenes
Concen: 0.22 ppb
RT: 8.702 min Scan# 1237
Delta R.T. -0.000 min
Lab File: V10C19077.D
Acq: 5 Mar 2026 2:21 pm

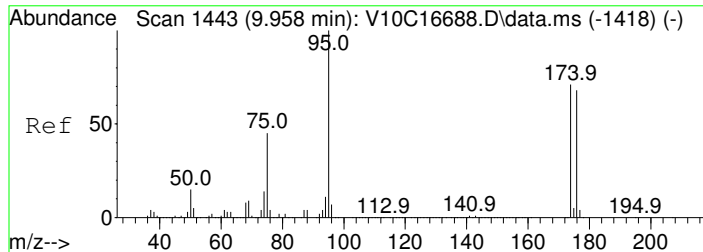
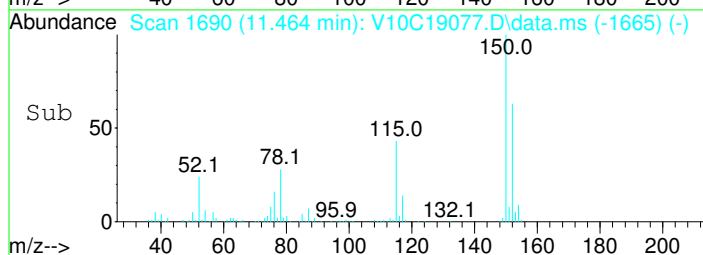
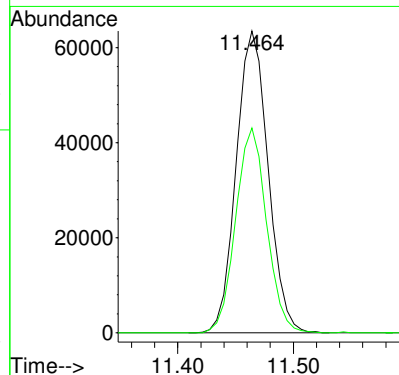
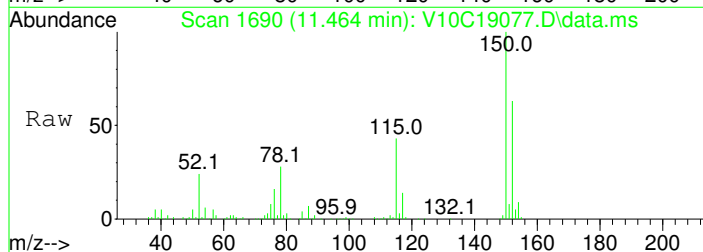
Tgt Ion:	91	Resp:	8978
Ion Ratio	Lower	Upper	
91	100		
106	47.2	33.0	68.4
105	19.6	14.9	30.9
77	14.9	8.6	17.8





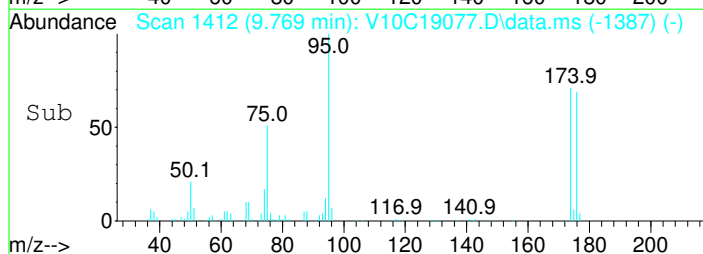
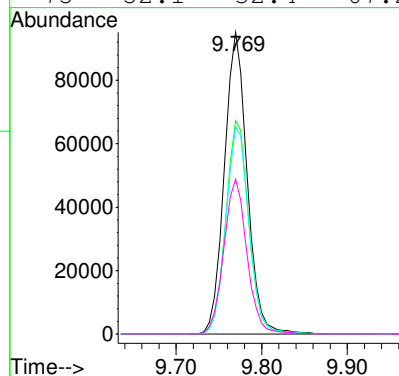
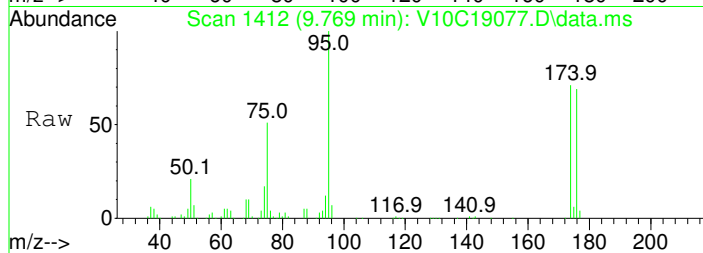
#80
1,2-DICHLOROBENZENE-d4 (ISTD)
Concen: 10.00 ppb
RT: 11.464 min Scan# 1690
Delta R.T. -0.000 min
Lab File: V10C19077.D
Acq: 5 Mar 2026 2:21 pm

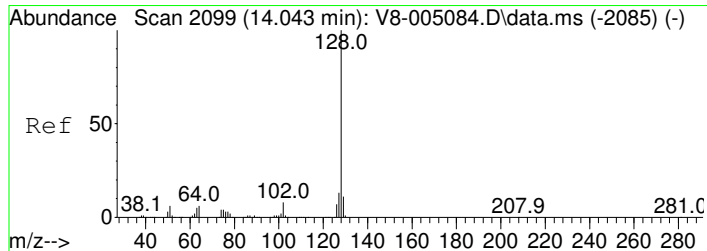
Tgt Ion: 152 Resp: 121878
Ion Ratio Lower Upper
152 100
115 65.9 41.0 85.2



#82
p-Bromofluorobenzene (SURR)
Concen: 11.01 ppb
RT: 9.769 min Scan# 1412
Delta R.T. -0.000 min
Lab File: V10C19077.D
Acq: 5 Mar 2026 2:21 pm

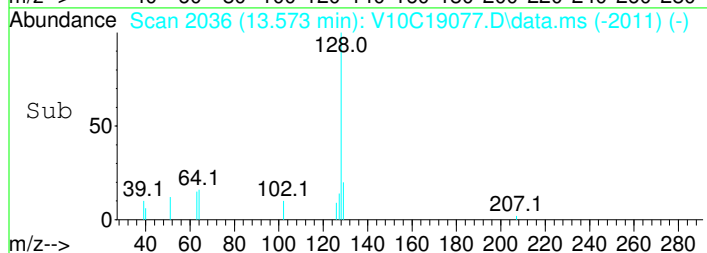
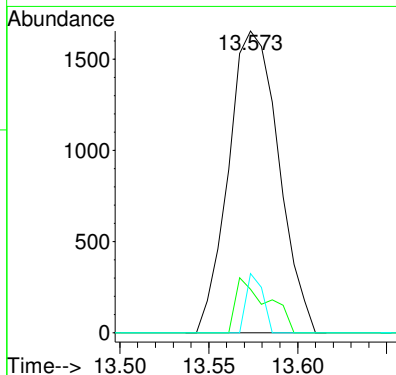
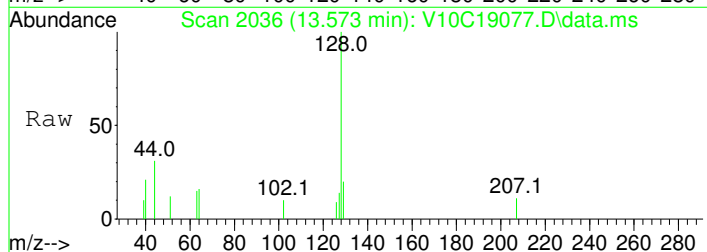
Tgt Ion: 95 Resp: 176032
Ion Ratio Lower Upper
95 100
174 71.5 52.7 109.4
176 69.8 51.0 105.8
75 52.1 32.4 67.2





#113
Naphthalene
Concen: 0.52 ppb
RT: 13.573 min Scan# 2036
Delta R.T. -0.000 min
Lab File: V10C19077.D
Acq: 5 Mar 2026 2:21 pm

Tgt Ion	Ratio	Lower	Upper
128	100		
127	11.6	8.4	17.4
129	6.5	7.2	14.9#



Sample Information

Client Sample ID: MW-10 (2026 27 02)			Sample ID: 26B1152-02			
Project (SDG) No.	Client Project ID		Matrix	Collection Date/Time		Date Received
26B1152	230051-170 Freeman Rd Brooklyn NY		Ground Water	February 27, 2026 11:25 am		02/27/2026

Volatile Organic Compounds by GC/MS

Sample Prepared by Method: EPA 5030B				Results Reported to MDL							
CAS No.	Parameter	Result	Flag	Units	RL	MDL	Dilution	Reference Method	Prepared	Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.500	0.216	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:55	THD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.500	0.266	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:55	THD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.500	0.256	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:55	THD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.500	0.286	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:55	THD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.500	0.249	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:55	THD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.500	0.272	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:55	THD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.500	0.327	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:55	THD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.500	0.222	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:55	THD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.500	0.273	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:55	THD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.500	0.138	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:55	THD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.500	0.310	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:55	THD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.500	0.432	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:55	THD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.500	0.215	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:55	THD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.500	0.270	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:55	THD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.500	0.377	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:55	THD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.500	0.327	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:55	THD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.500	0.347	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:55	THD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.500	0.283	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:55	THD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.500	0.311	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:55	THD
78-93-3	2-Butanone	ND		ug/L	0.500	0.421	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:55	THD
591-78-6	2-Hexanone	ND		ug/L	0.500	0.320	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:55	THD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.500	0.365	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:55	THD
67-64-1	Acetone	ND		ug/L	2.00	1.34	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:55	THD
107-02-8	Acrolein	ND	ICVE	ug/L	0.500	0.447	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:55	THD
107-13-1	Acrylonitrile	ND		ug/L	0.500	0.422	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:55	THD
71-43-2	Benzene	ND		ug/L	0.500	0.279	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:55	THD
74-97-5	Bromochloromethane	ND		ug/L	0.500	0.354	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:55	THD
75-27-4	Bromodichloromethane	1.80		ug/L	0.500	0.245	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:55	THD
75-25-2	Bromoform	ND		ug/L	0.500	0.163	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:55	THD
74-83-9	Bromomethane	ND	CCVE	ug/L	2.00	0.500	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:55	THD
75-15-0	Carbon disulfide	ND		ug/L	0.500	0.362	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:55	THD
56-23-5	Carbon tetrachloride	ND		ug/L	0.500	0.204	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:55	THD
108-90-7	Chlorobenzene	ND		ug/L	0.500	0.284	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:55	THD
75-00-3	Chloroethane	ND		ug/L	0.500	0.448	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:55	THD
67-66-3	Chloroform	16.6		ug/L	0.500	0.243	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:55	THD
74-87-3	Chloromethane	ND	CCVE	ug/L	0.500	0.372	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:55	THD

Sample Information

Client Sample ID: MW-10 (2026 27 02)			Sample ID: 26B1152-02			
Project (SDG) No.	Client Project ID		Matrix	Collection Date/Time		Date Received
26B1152	230051-170 Freeman Rd Brooklyn NY		Ground Water	February 27, 2026 11:25 am		02/27/2026

Volatile Organic Compounds by GC/MS

Sample Prepared by Method: EPA 5030B				Results Reported to MDL							
CAS No.	Parameter	Result	Flag	Units	RL	MDL	Dilution	Reference Method	Prepared	Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.500	0.294	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:55	THD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.500	0.262	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:55	THD
110-82-7	Cyclohexane	ND		ug/L	0.500	0.491	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:55	THD
124-48-1	Dibromochloromethane	ND		ug/L	0.500	0.146	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:55	THD
74-95-3	Dibromomethane	ND		ug/L	0.500	0.203	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:55	THD
75-71-8	Dichlorodifluoromethane	ND	ICVE	ug/L	0.500	0.451	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:55	THD
100-41-4	Ethyl Benzene	ND		ug/L	0.500	0.290	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:55	THD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	0.241	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:55	THD
98-82-8	Isopropylbenzene	ND		ug/L	0.500	0.405	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:55	THD
79-20-9	Methyl acetate	ND		ug/L	0.500	0.442	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:55	THD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	CCVE	ug/L	0.500	0.244	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:55	THD
108-87-2	Methylcyclohexane	ND		ug/L	0.500	0.477	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:55	THD
75-09-2	Methylene chloride	ND		ug/L	2.00	0.397	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:55	THD
104-51-8	n-Butylbenzene	ND		ug/L	0.500	0.399	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:55	THD
103-65-1	n-Propylbenzene	ND		ug/L	0.500	0.384	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:55	THD
95-47-6	o-Xylene	ND	CCVE	ug/L	0.500	0.261	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:55	THD
179601-23-1	p- & m- Xylenes	ND		ug/L	1.00	0.578	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:55	THD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.500	0.377	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:55	THD
135-98-8	sec-Butylbenzene	ND		ug/L	0.500	0.444	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:55	THD
100-42-5	Styrene	ND		ug/L	0.500	0.255	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:55	THD
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE	ug/L	1.00	0.608	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:55	THD
98-06-6	tert-Butylbenzene	ND		ug/L	0.500	0.367	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:55	THD
127-18-4	Tetrachloroethylene	ND		ug/L	0.500	0.239	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:55	THD
108-88-3	Toluene	ND		ug/L	0.500	0.346	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:55	THD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.500	0.279	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:55	THD
10061-02-6	trans-1,3-Dichloropropylene	ND	CCVE	ug/L	0.500	0.229	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:55	THD
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.500	0.283	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:55	THD
79-01-6	Trichloroethylene	ND		ug/L	0.500	0.249	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:55	THD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.500	0.337	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:55	THD
75-01-4	Vinyl Chloride	ND		ug/L	0.500	0.469	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:55	THD
1330-20-7	Xylenes, Total	ND	Surrogate: SURR:	ug/L	1.50	0.839	1	EPA 8260D	02/28/2026 07:00	02/28/2026 12:55	THD
17060-07-0	1,2-Dichloroethane-d4	114 %			69-130						
460-00-4	p-Bromofluorobenzene	106 %			79-122						
2037-26-5	Toluene-d8	111 %			81-117						

Data Path : C:\msdchem\1\data\VOA7-02-28-26\
 Data File : V7-55511.D
 InstName : MSVOA7
 Acq On : 28 Feb 2026 12:55 pm
 Operator : THD
 Sample : 26B1152-02 A
 Misc : 8260
 ALS Vial : 48 Sample Multiplier: 1

Quant Time: Mar 04 21:03:16 2026
 Quant Method : C:\msdchem\1\methods\Calibration\V7-8260D-R020926.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Wed Feb 11 19:02:20 2026
 Response via : Initial Calibration

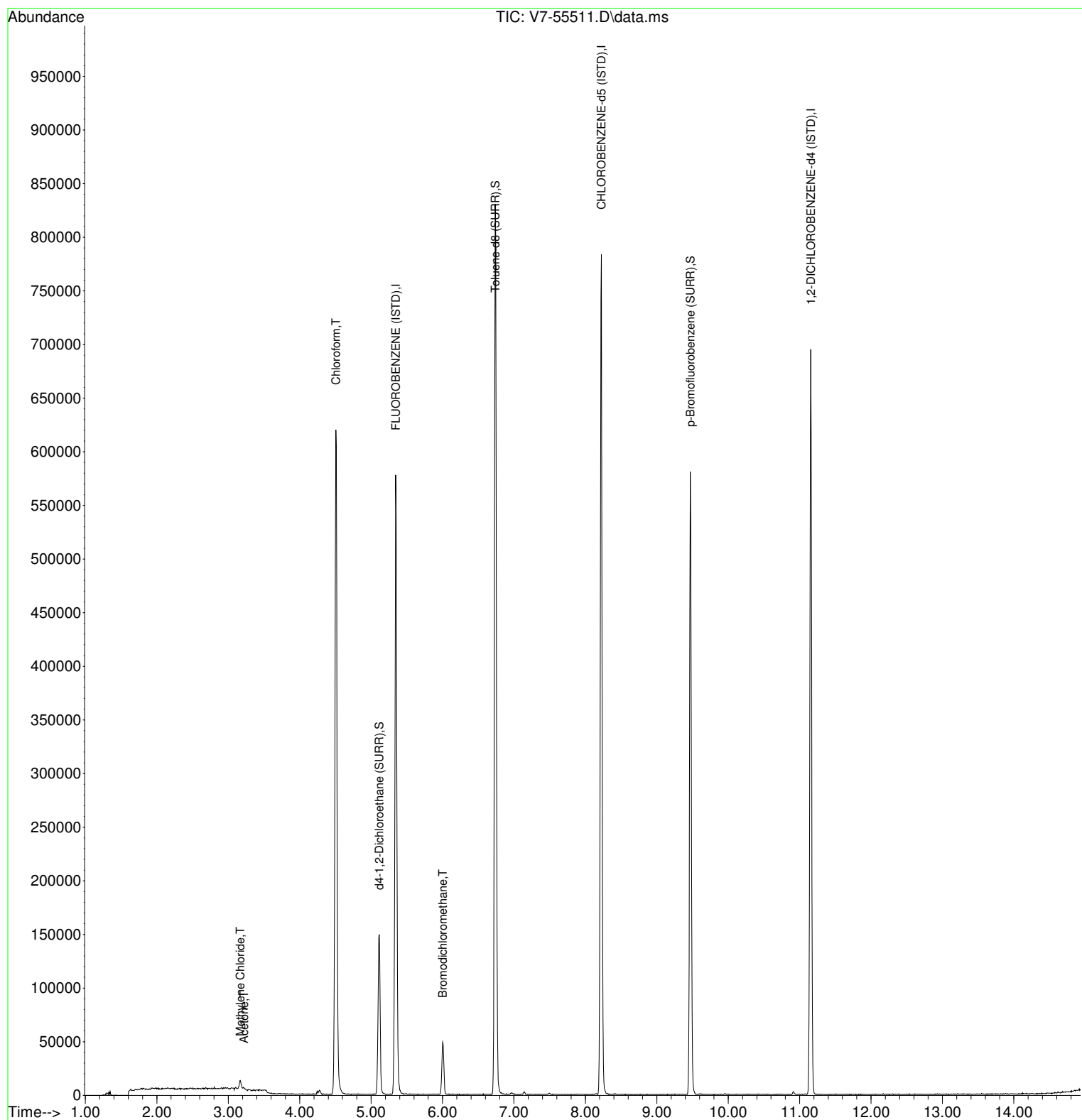
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

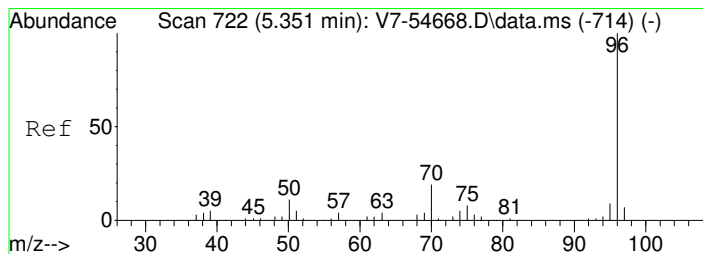
Internal Standards						
1) FLUOROBENZENE (ISTD)	5.345	50	55954	10.00	ppb	0.00
48) CHLOROBENZENE-d5 (ISTD)	8.223	54	95300	10.00	ppb	0.00
80) 1,2-DICHLOROBENZENE-d4...	11.155	152	195432	10.00	ppb	0.00
System Monitoring Compounds						
42) d4-1,2-Dichloroethane ...	5.114	65	105469	11.43	ppb	0.00
Spiked Amount 10.000	Range	69 - 130	Recovery	=	114.30%	
60) Toluene-d8 (SURR)	6.738	98	583185	11.06	ppb	0.00
Spiked Amount 10.000	Range	81 - 117	Recovery	=	110.60%	
82) p-Bromofluorobenzene (...)	9.470	95	199730	10.58	ppb	0.00
Spiked Amount 10.000	Range	79 - 122	Recovery	=	105.80%	
Target Compounds						
18) Acetone	3.222	58	181	1.28	ppb	Qvalue # 1
24) Methylene Chloride	3.167	49	4308	0.14	ppb	91
38) Chloroform	4.506	83	497978	16.65	ppb	98
53) Bromodichloromethane	6.002	83	32457	1.80	ppb	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\VOA7-02-28-26\
Data File : V7-55511.D
InstName : MSVOA7
Acq On : 28 Feb 2026 12:55 pm
Operator : THD
Sample : 26B1152-02 A
Misc : 8260
ALS Vial : 48 Sample Multiplier: 1

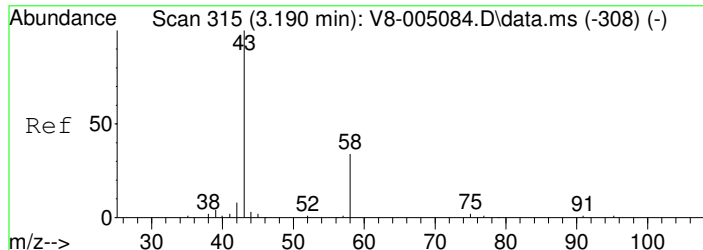
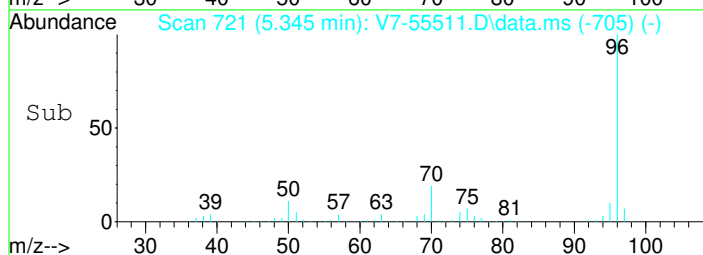
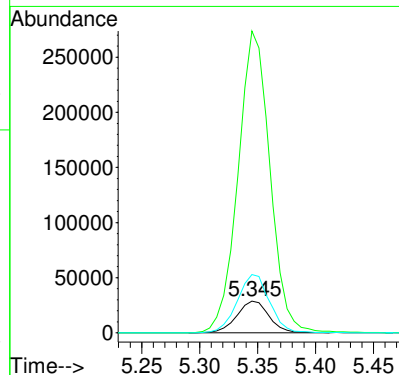
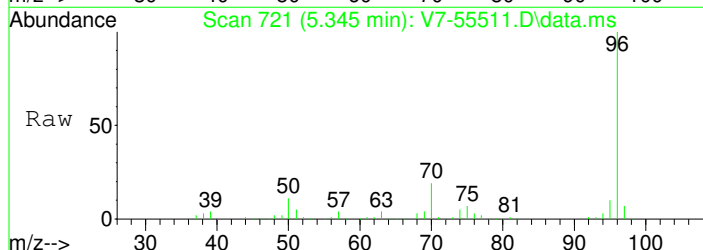
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Quant Method : C:\msdchem\1\methods\Calibration\V7-8260D-R020926.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Feb 11 19:02:20 2026
Response via : Initial Calibration





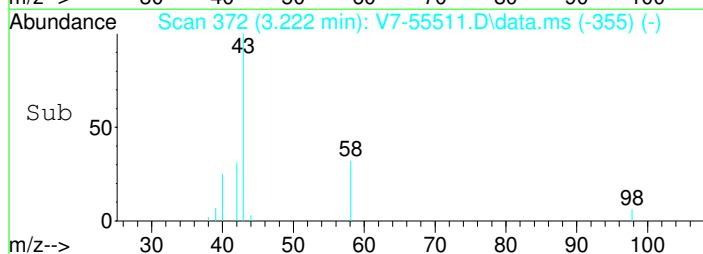
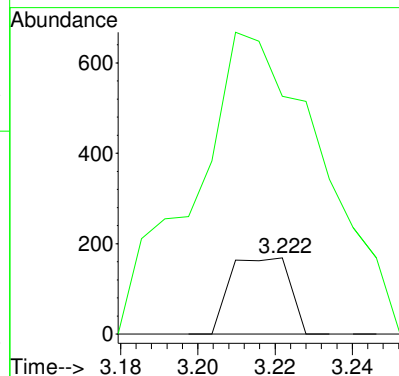
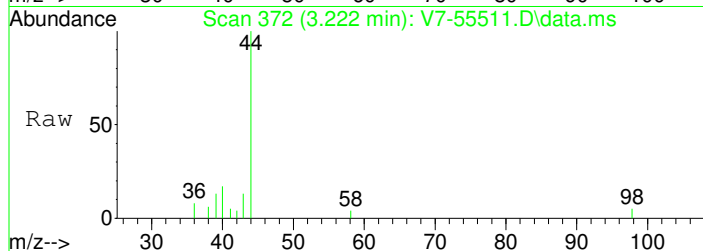
#1
 FLUOROBENZENE (ISTD)
 Concen: 10.00 ppb
 RT: 5.345 min Scan# 721
 Delta R.T. 0.000 min
 Lab File: V7-55511.D
 Acq: 28 Feb 2026 12:55 pm

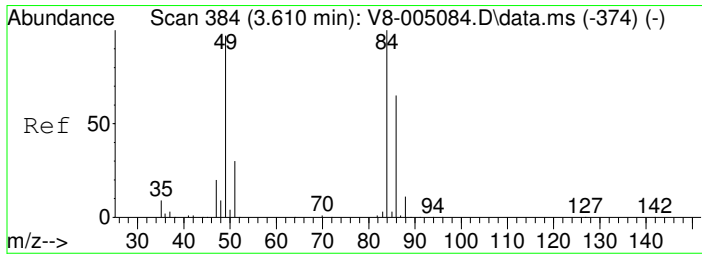
Tgt Ion	50	96	70	Resp	55954	Lower	Upper
Ion Ratio	100	938.6	184.3				
						597.1	1240.1
						118.2	245.6



#18
 Acetone
 Concen: 1.28 ppb
 RT: 3.222 min Scan# 372
 Delta R.T. 0.006 min
 Lab File: V7-55511.D
 Acq: 28 Feb 2026 12:55 pm

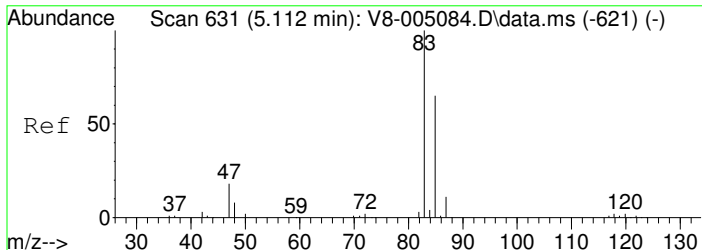
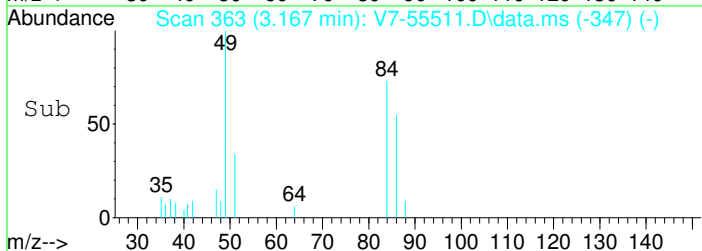
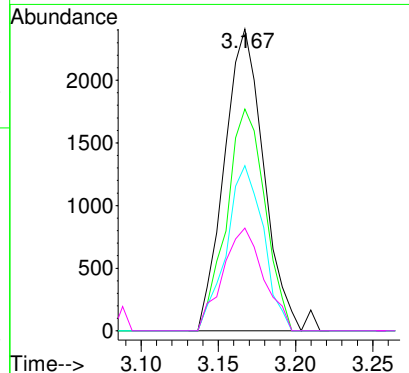
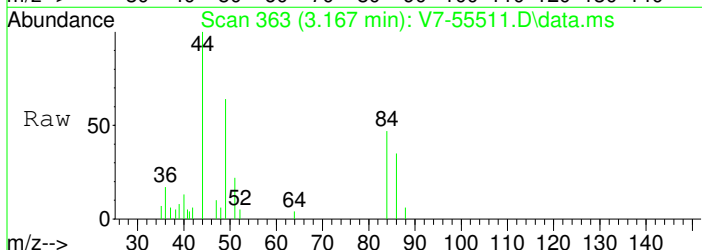
Tgt Ion	58	43	Resp	181	Lower	Upper
Ion Ratio	100	849.7				
					184.7	383.7#





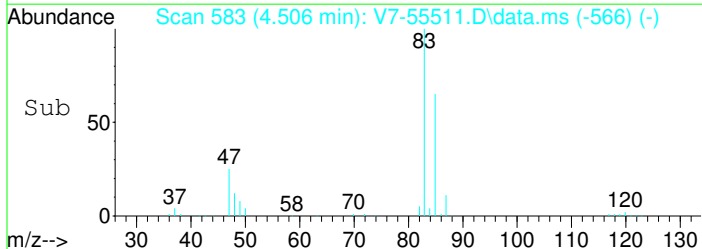
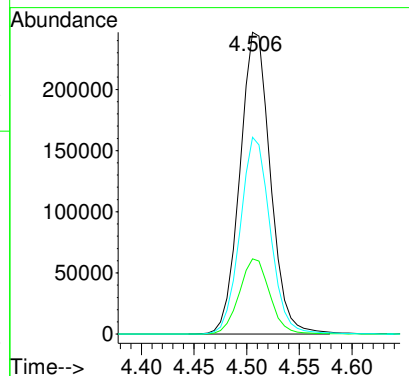
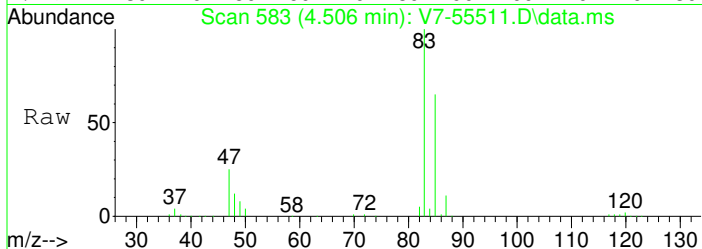
#24
Methylene Chloride
Concen: 0.14 ppb
RT: 3.167 min Scan# 363
Delta R.T. 0.000 min
Lab File: V7-55511.D
Acq: 28 Feb 2026 12:55 pm

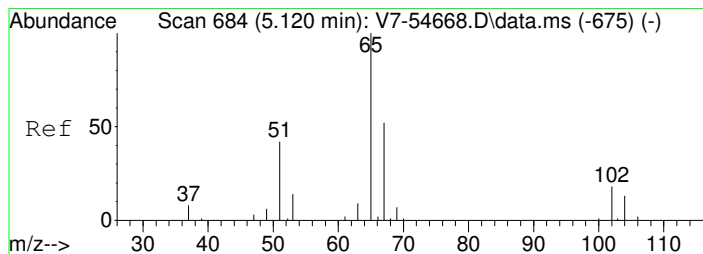
Tgt Ion:	49	Resp:	4308
Ion Ratio	Lower	Upper	
49	100		
84	71.0	54.3	112.9
86	50.9	34.8	72.4
51	35.2	20.3	42.1



#38
Chloroform
Concen: 16.65 ppb
RT: 4.506 min Scan# 583
Delta R.T. 0.001 min
Lab File: V7-55511.D
Acq: 28 Feb 2026 12:55 pm

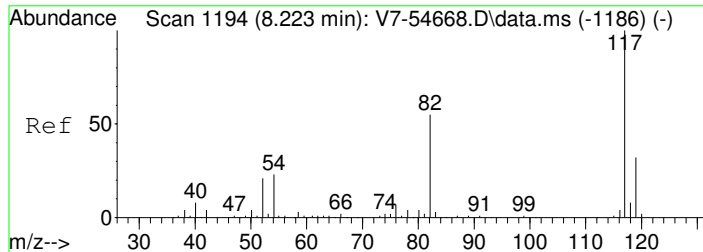
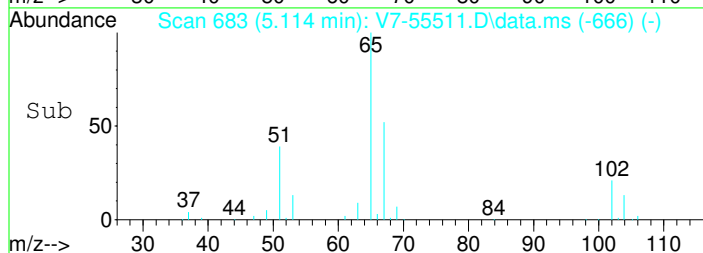
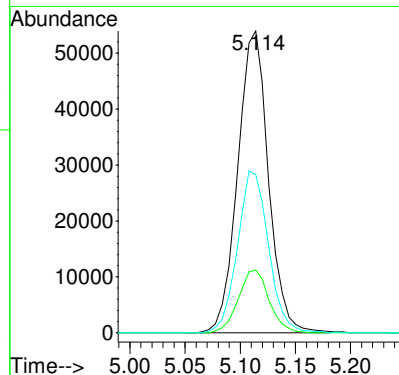
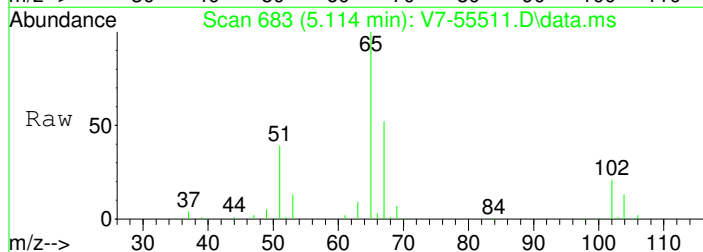
Tgt Ion:	83	Resp:	497978
Ion Ratio	Lower	Upper	
83	100		
47	24.9	14.4	30.0
85	64.3	41.7	86.5





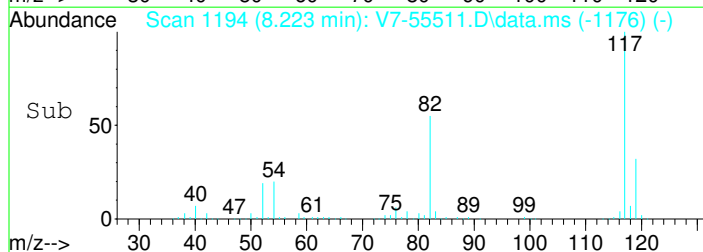
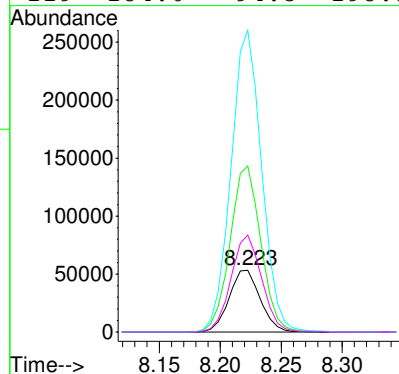
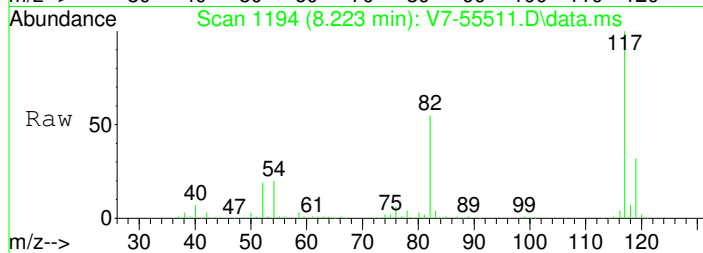
#42
d4-1,2-Dichloroethane (SURR)
Concen: 11.43 ppb
RT: 5.114 min Scan# 683
Delta R.T. 0.006 min
Lab File: V7-55511.D
Acq: 28 Feb 2026 12:55 pm

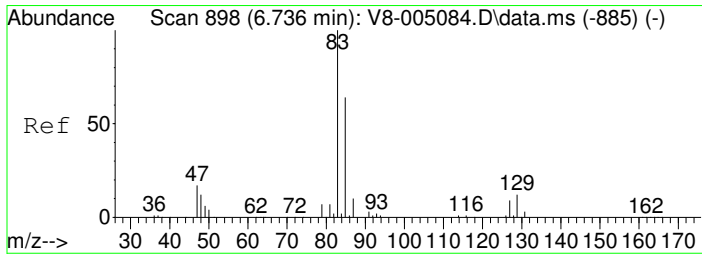
Tgt Ion	Ratio	Lower	Upper
65	100		
102	20.7	14.8	30.6
67	54.0	36.5	75.9



#48
CHLOROBENZENE-d5 (ISTD)
Concen: 10.00 ppb
RT: 8.223 min Scan# 1194
Delta R.T. 0.007 min
Lab File: V7-55511.D
Acq: 28 Feb 2026 12:55 pm

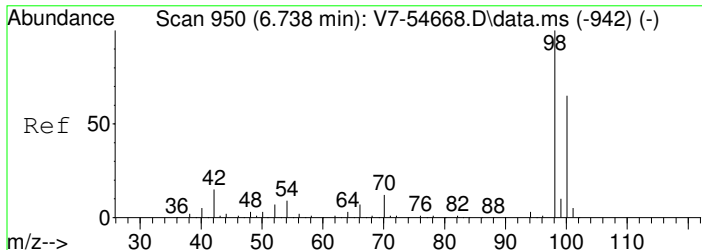
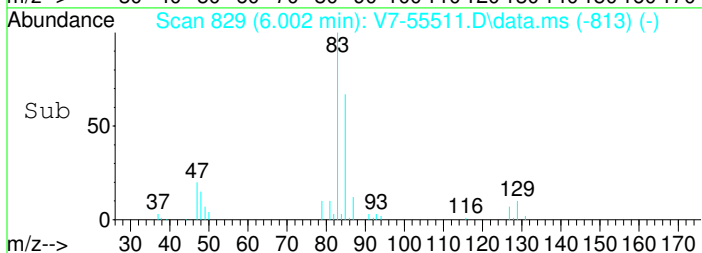
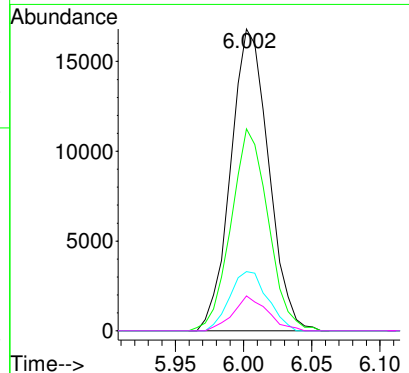
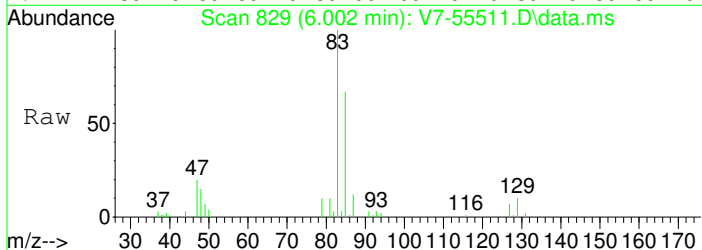
Tgt Ion	Ratio	Lower	Upper
54	100		
82	264.2	160.7	333.9
117	478.0	293.7	610.1
119	154.0	94.3	195.9





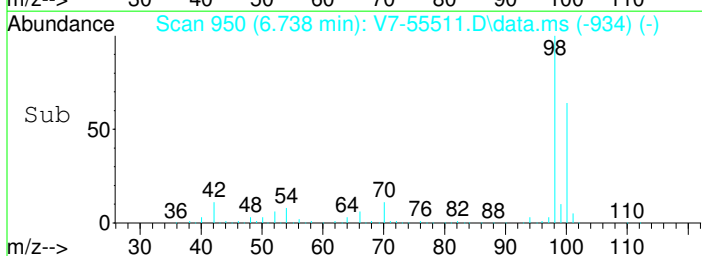
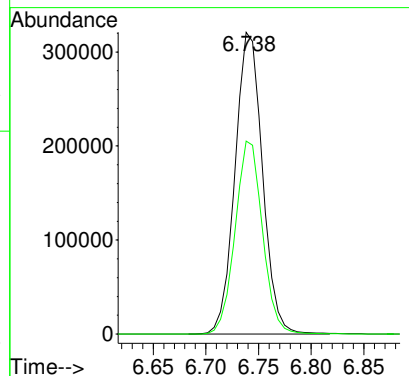
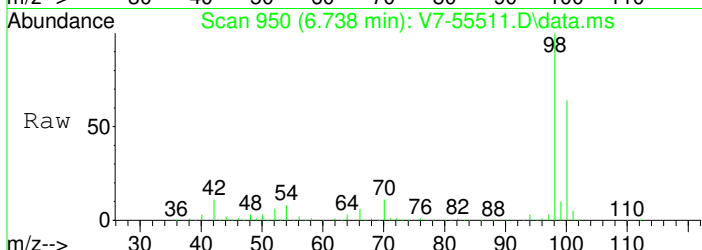
#53
 Bromodichloromethane
 Concen: 1.80 ppb
 RT: 6.002 min Scan# 829
 Delta R.T. 0.000 min
 Lab File: V7-55511.D
 Acq: 28 Feb 2026 12:55 pm

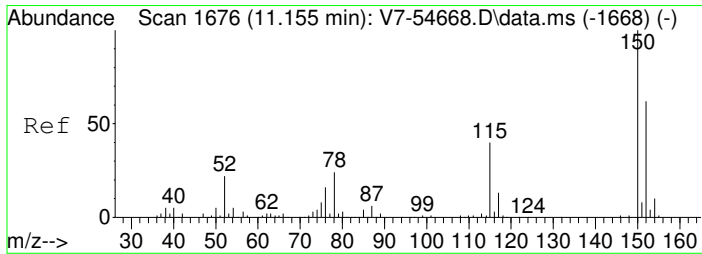
Tgt Ion:	83	Resp:	32457
Ion Ratio		Lower	Upper
83	100		
85	65.5	41.7	86.5
47	19.6	11.6	24.2
87	10.5	6.7	13.9



#60
 Toluene-d8 (SURR)
 Concen: 11.06 ppb
 RT: 6.738 min Scan# 950
 Delta R.T. 0.000 min
 Lab File: V7-55511.D
 Acq: 28 Feb 2026 12:55 pm

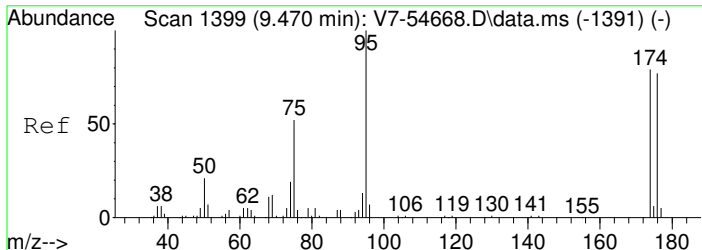
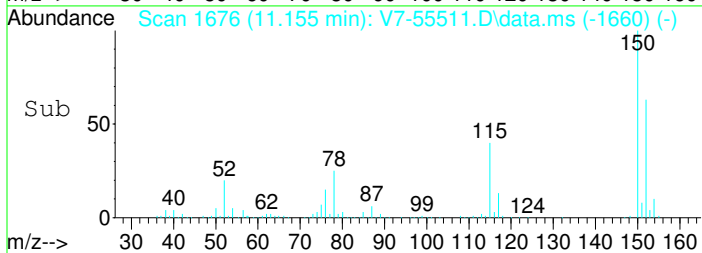
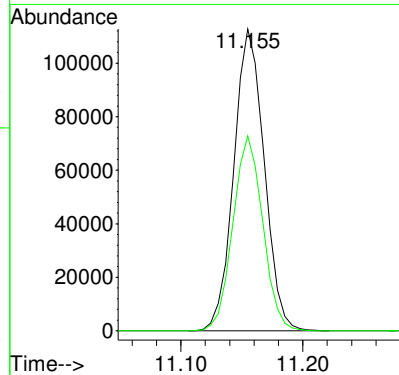
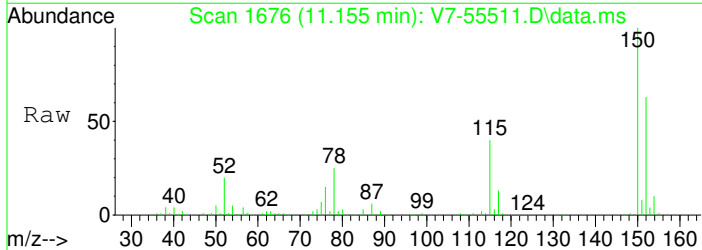
Tgt Ion:	98	Resp:	583185
Ion Ratio		Lower	Upper
98	100		
100	63.6	42.3	87.9





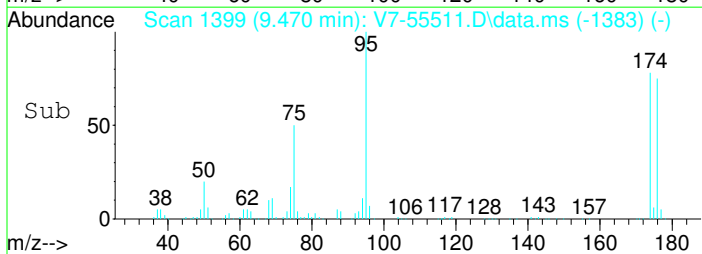
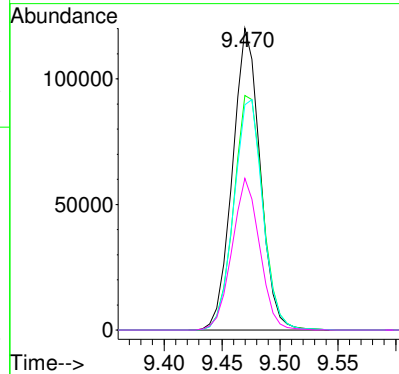
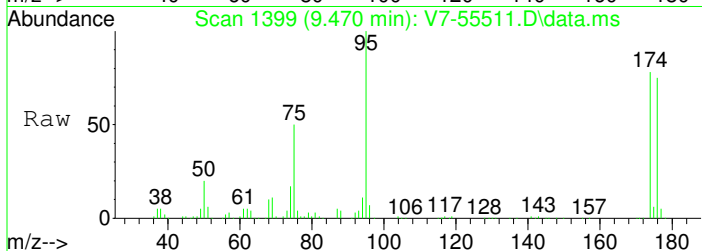
#80
 1,2-DICHLOROBENZENE-d4 (ISTD)
 Concen: 10.00 ppb
 RT: 11.155 min Scan# 1676
 Delta R.T. -0.000 min
 Lab File: V7-55511.D
 Acq: 28 Feb 2026 12:55 pm

Tgt Ion:	152	Resp:	195432
Ion Ratio	Lower	Upper	
152	100		
115	63.4	40.0	83.2



#82
 p-Bromofluorobenzene (SURRE)
 Concen: 10.58 ppb
 RT: 9.470 min Scan# 1399
 Delta R.T. -0.000 min
 Lab File: V7-55511.D
 Acq: 28 Feb 2026 12:55 pm

Tgt Ion:	95	Resp:	199730
Ion Ratio	Lower	Upper	
95	100		
174	82.1	53.5	111.1
176	80.1	52.3	108.5
75	50.4	30.1	62.5



Sample Information

Client Sample ID: MW-11R MS/MSD (2026 27 02)			Sample ID: 26B1152-03	
Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26B1152	230051-170 Freeman Rd Brooklyn NY	Ground Water	February 27, 2026 10:15 am	02/27/2026

Volatile Organic Compounds by GC/MS

Sample Prepared by Method: EPA 5030B				Results Reported to MDL							
CAS No.	Parameter	Result	Flag	Units	RL	MDL	Dilution	Reference Method	Prepared	Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.500	0.216	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:24	THD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.500	0.266	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:24	THD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.500	0.256	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:24	THD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.500	0.286	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:24	THD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.500	0.249	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:24	THD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.500	0.272	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:24	THD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.500	0.327	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:24	THD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.500	0.222	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:24	THD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.500	0.273	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:24	THD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.500	0.138	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:24	THD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.500	0.310	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:24	THD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.500	0.432	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:24	THD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.500	0.215	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:24	THD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.500	0.270	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:24	THD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.500	0.377	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:24	THD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.500	0.327	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:24	THD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.500	0.347	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:24	THD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.500	0.283	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:24	THD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.500	0.311	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:24	THD
78-93-3	2-Butanone	ND		ug/L	0.500	0.421	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:24	THD
591-78-6	2-Hexanone	0.910	CCVE, ICVE, QL-02	ug/L	0.500	0.320	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:24	THD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.500	0.365	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:24	THD
107-02-8	Acrolein	ND	ICVE	ug/L	0.500	0.447	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:24	THD
107-13-1	Acrylonitrile	ND		ug/L	0.500	0.422	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:24	THD
71-43-2	Benzene	ND		ug/L	0.500	0.279	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:24	THD
74-97-5	Bromochloromethane	ND		ug/L	0.500	0.354	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:24	THD
75-27-4	Bromodichloromethane	ND		ug/L	0.500	0.245	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:24	THD
75-25-2	Bromoform	ND		ug/L	0.500	0.163	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:24	THD
74-83-9	Bromomethane	ND	CCVE	ug/L	2.00	0.500	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:24	THD
75-15-0	Carbon disulfide	ND		ug/L	0.500	0.362	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:24	THD
56-23-5	Carbon tetrachloride	ND		ug/L	0.500	0.204	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:24	THD
108-90-7	Chlorobenzene	ND		ug/L	0.500	0.284	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:24	THD
75-00-3	Chloroethane	ND		ug/L	0.500	0.448	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:24	THD
67-66-3	Chloroform	ND		ug/L	0.500	0.243	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:24	THD
74-87-3	Chloromethane	ND	CCVE	ug/L	0.500	0.372	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:24	THD

Sample Information

Client Sample ID: MW-11R MS/MSD (2026 27 02)			Sample ID: 26B1152-03	
Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26B1152	230051-170 Freeman Rd Brooklyn NY	Ground Water	February 27, 2026 10:15 am	02/27/2026

Volatile Organic Compounds by GC/MS

Sample Prepared by Method: EPA 5030B					Results Reported to MDL						
CAS No.	Parameter	Result	Flag	Units	RL	MDL	Dilution	Reference Method	Prepared	Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	3.95		ug/L	0.500	0.294	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:24	THD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.500	0.262	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:24	THD
110-82-7	Cyclohexane	ND		ug/L	0.500	0.491	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:24	THD
124-48-1	Dibromochloromethane	ND		ug/L	0.500	0.146	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:24	THD
74-95-3	Dibromomethane	ND		ug/L	0.500	0.203	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:24	THD
75-71-8	Dichlorodifluoromethane	ND	CCVE, ICVE, QL-02	ug/L	0.500	0.451	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:24	THD
100-41-4	Ethyl Benzene	ND		ug/L	0.500	0.290	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:24	THD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	0.241	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:24	THD
98-82-8	Isopropylbenzene	ND		ug/L	0.500	0.405	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:24	THD
79-20-9	Methyl acetate	ND		ug/L	0.500	0.442	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:24	THD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	ICVE	ug/L	0.500	0.244	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:24	THD
108-87-2	Methylcyclohexane	ND		ug/L	0.500	0.477	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:24	THD
75-09-2	Methylene chloride	ND	CCVE	ug/L	2.00	0.397	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:24	THD
104-51-8	n-Butylbenzene	ND		ug/L	0.500	0.399	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:24	THD
103-65-1	n-Propylbenzene	ND		ug/L	0.500	0.384	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:24	THD
95-47-6	o-Xylene	ND		ug/L	0.500	0.261	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:24	THD
179601-23-1	p- & m- Xylenes	ND		ug/L	1.00	0.578	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:24	THD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.500	0.377	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:24	THD
135-98-8	sec-Butylbenzene	ND		ug/L	0.500	0.444	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:24	THD
100-42-5	Styrene	ND		ug/L	0.500	0.255	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:24	THD
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE	ug/L	1.00	0.608	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:24	THD
98-06-6	tert-Butylbenzene	ND		ug/L	0.500	0.367	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:24	THD
127-18-4	Tetrachloroethylene	ND		ug/L	0.500	0.239	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:24	THD
108-88-3	Toluene	ND		ug/L	0.500	0.346	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:24	THD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.500	0.279	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:24	THD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.500	0.229	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:24	THD
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.500	0.283	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:24	THD
79-01-6	Trichloroethylene	ND		ug/L	0.500	0.249	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:24	THD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.500	0.337	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:24	THD
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.500	0.469	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:24	THD
1330-20-7	Xylenes, Total	ND		ug/L	1.50	0.839	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:24	THD
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	116 %			69-130						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	106 %			79-122						
2037-26-5	Surrogate: SURR: Toluene-d8	106 %			81-117						

Data Path : C:\msdchem\1\data\VOA7-02-28-26\
 Data File : V7-55512.D
 InstName : MSVOA7
 Acq On : 28 Feb 2026 1:24 pm
 Operator : THD
 Sample : 26B1152-03 A
 Misc : 8260
 ALS Vial : 49 Sample Multiplier: 1

Quant Time: Mar 04 21:07:55 2026
 Quant Method : C:\msdchem\1\methods\Calibration\V7-8260D-R020926.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Wed Feb 11 19:02:20 2026
 Response via : Initial Calibration

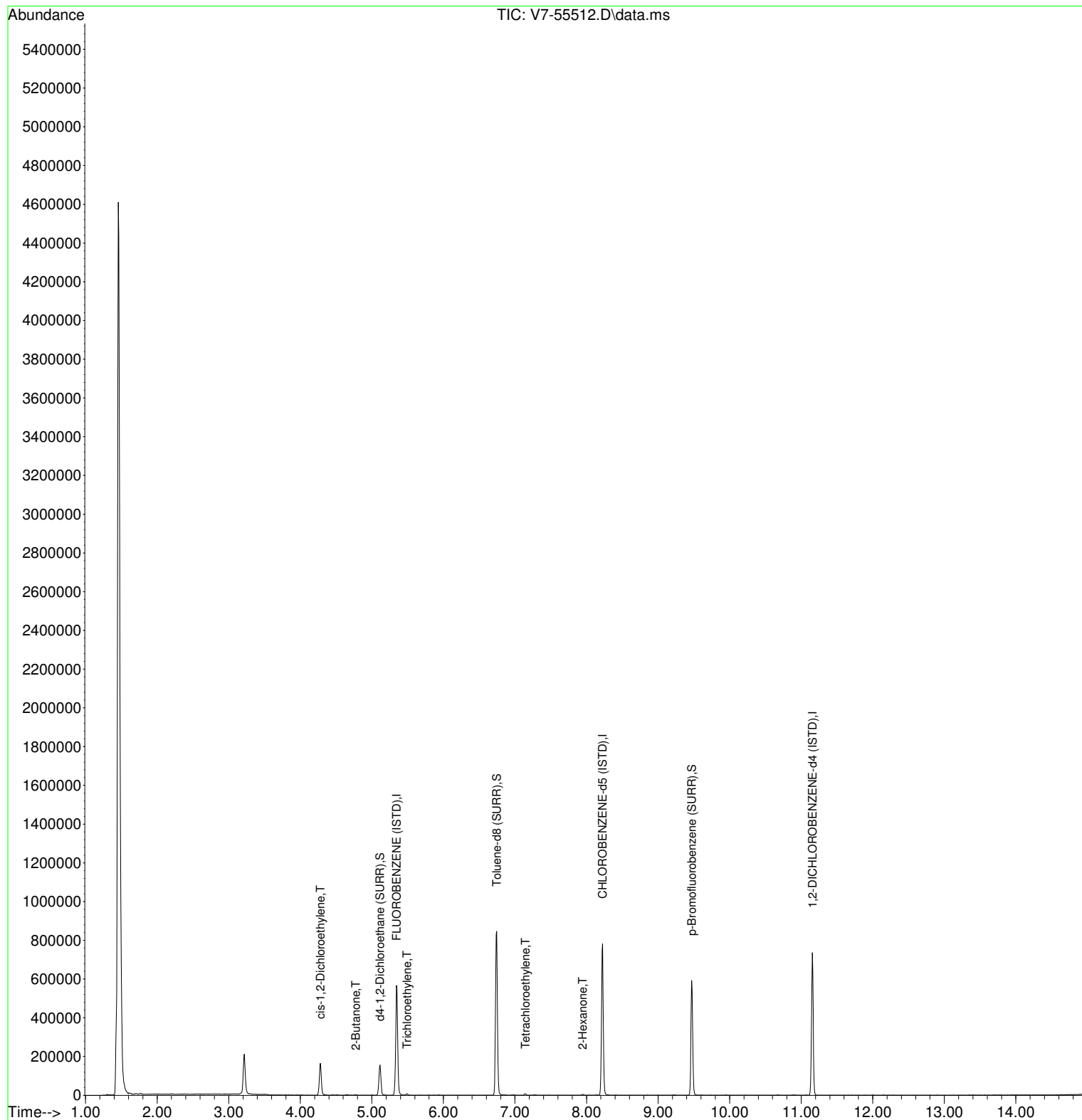
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

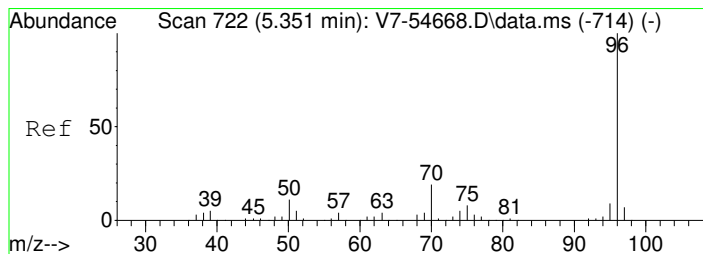
Internal Standards						
1) FLUOROBENZENE (ISTD)	5.345	50	55642	10.00	ppb	0.00
48) CHLOROBENZENE-d5 (ISTD)	8.223	54	99168	10.00	ppb	0.00
80) 1,2-DICHLOROBENZENE-d4...	11.155	152	198248	10.00	ppb	0.00
System Monitoring Compounds						
42) d4-1,2-Dichloroethane ...	5.114	65	106141	11.57	ppb	0.00
Spiked Amount 10.000	Range	69 - 130	Recovery	=	115.70%	
60) Toluene-d8 (SURR)	6.744	98	583056	10.63	ppb	0.00
Spiked Amount 10.000	Range	81 - 117	Recovery	=	106.30%	
82) p-Bromofluorobenzene (...)	9.470	95	203681	10.63	ppb	0.00
Spiked Amount 10.000	Range	79 - 122	Recovery	=	106.30%	
Target Compounds						
					Qvalue	
3) Freon 152a	1.457	65	2982368m	Below	Cal	
18) Acetone	3.216	58	93125m	Below	Cal	
33) cis-1,2-Dichloroethylene	4.280	61	89518	3.95	ppb	98
34) 2-Butanone	4.773	72	127	0.40	ppb	# 1
49) Trichloroethylene	5.491	95	2103	0.12	ppb	99
67) Tetrachloroethylene	7.146	166	1962	0.10	ppb	87
68) 2-Hexanone	7.943	43	672	0.91	ppb	# 1

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\VOA7-02-28-26\
Data File : V7-55512.D
InstName : MSVOA7
Acq On : 28 Feb 2026 1:24 pm
Operator : THD
Sample : 26B1152-03 A
Misc : 8260
ALS Vial : 49 Sample Multiplier: 1

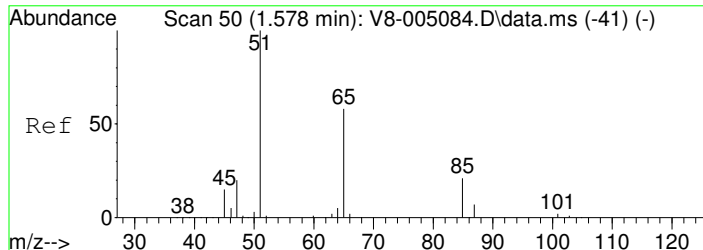
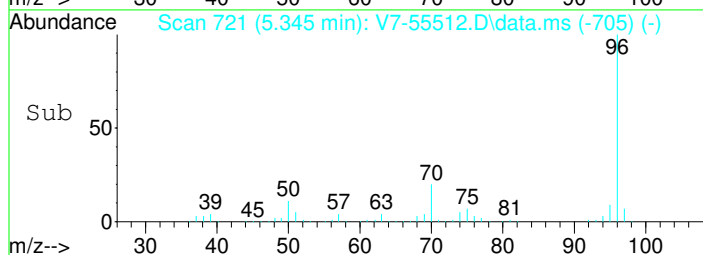
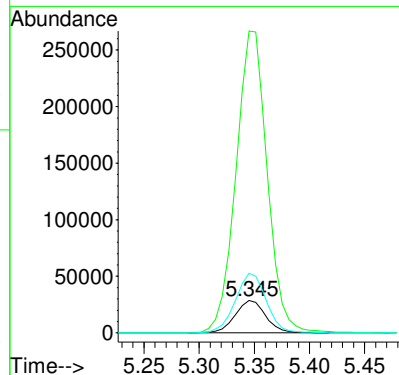
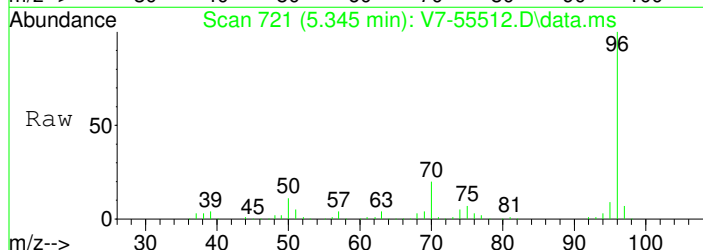
Quant Time: Mar 04 21:07:55 2026
Quant Method : C:\msdchem\1\methods\Calibration\V7-8260D-R020926.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Feb 11 19:02:20 2026
Response via : Initial Calibration





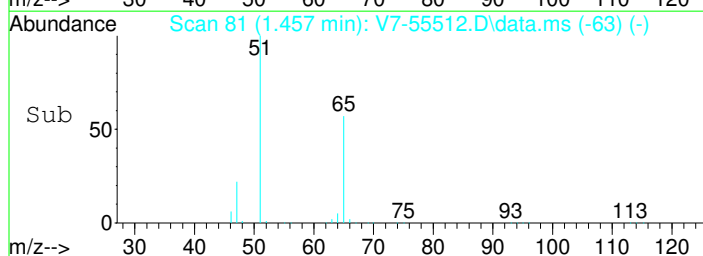
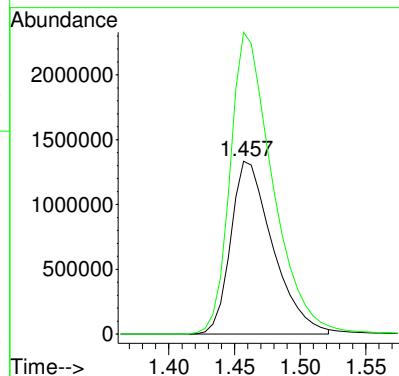
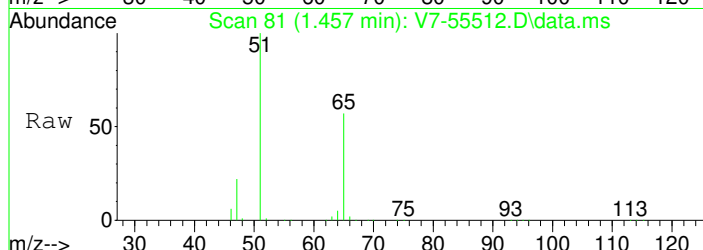
#1
 FLUOROBENZENE (ISTD)
 Concen: 10.00 ppb
 RT: 5.345 min Scan# 721
 Delta R.T. 0.000 min
 Lab File: V7-55512.D
 Acq: 28 Feb 2026 1:24 pm

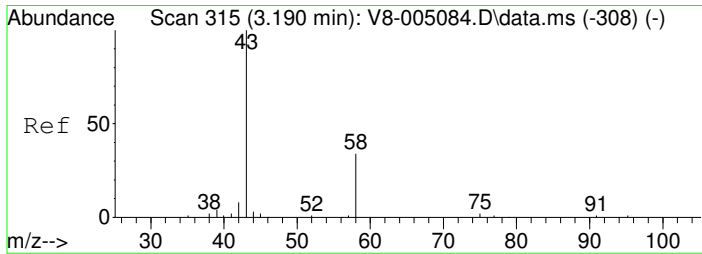
Tgt Ion	50	96	70	Resp	55642	Lower	Upper
Ion Ratio	100	949.7	185.8				
						597.1	1240.1
						118.2	245.6



#3
 Freon 152a
 Concen: Below Cal m
 RT: 1.457 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: V7-55512.D
 Acq: 28 Feb 2026 1:24 pm

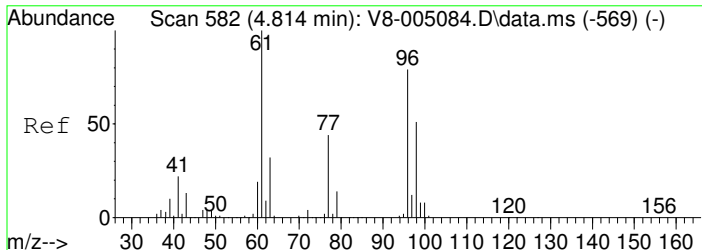
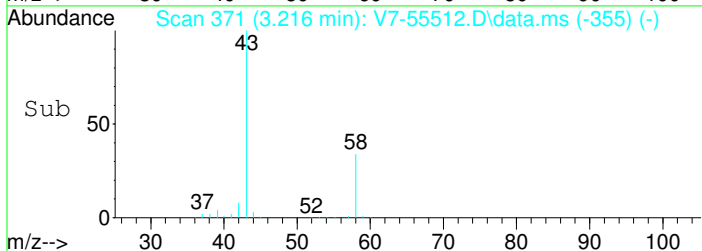
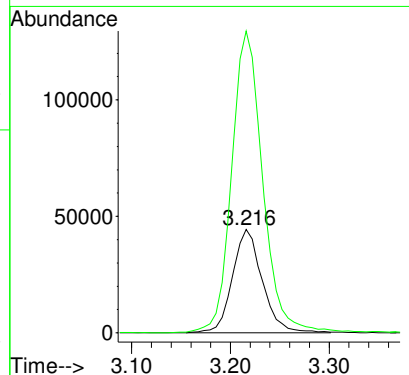
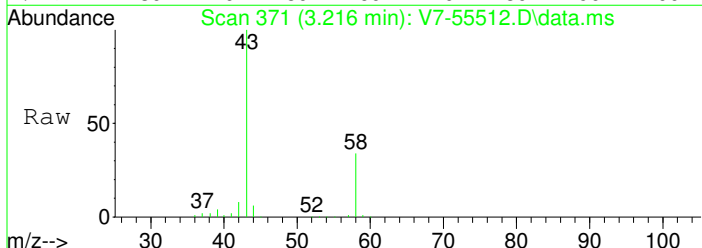
Tgt Ion	65	51	Resp	2982368	Lower	Upper
Ion Ratio	100	175.0				
					254.7	528.9#





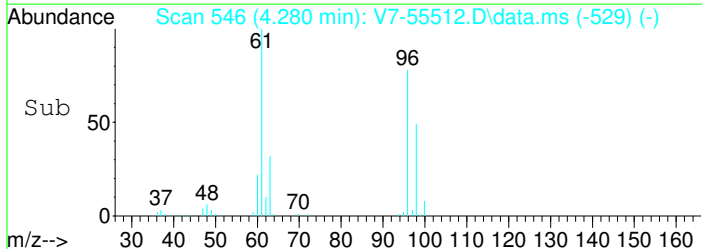
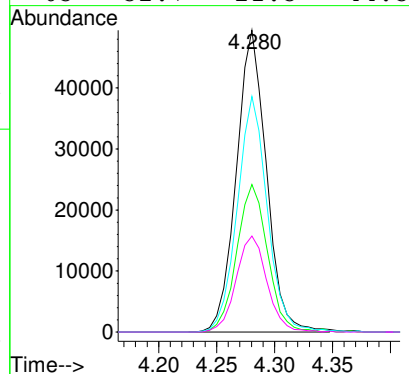
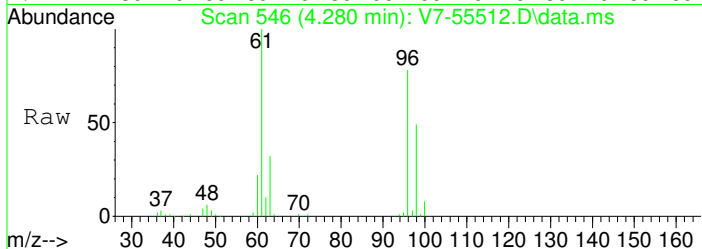
#18
Acetone
Concen: Below Cal m
RT: 3.216 min Scan# 371
Delta R.T. -0.000 min
Lab File: V7-55512.D
Acq: 28 Feb 2026 1:24 pm

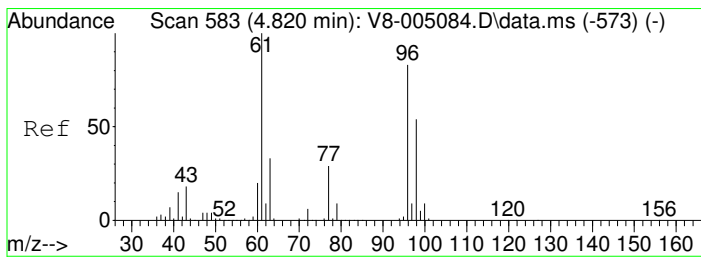
Tgt Ion: 58 Resp: 93125
Ion Ratio Lower Upper
58 100
43 301.7 184.7 383.7



#33
cis-1,2-Dichloroethylene
Concen: 3.95 ppb
RT: 4.280 min Scan# 546
Delta R.T. 0.006 min
Lab File: V7-55512.D
Acq: 28 Feb 2026 1:24 pm

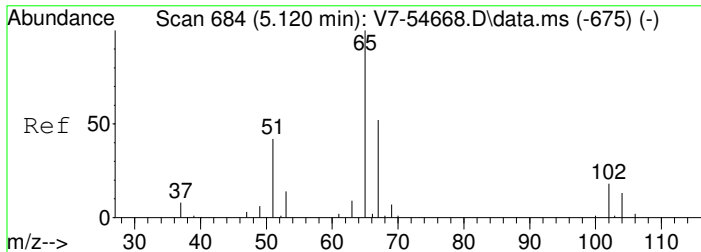
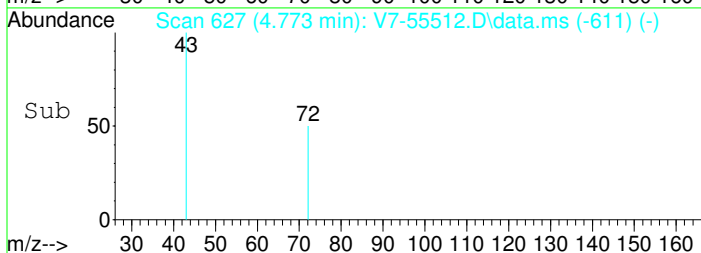
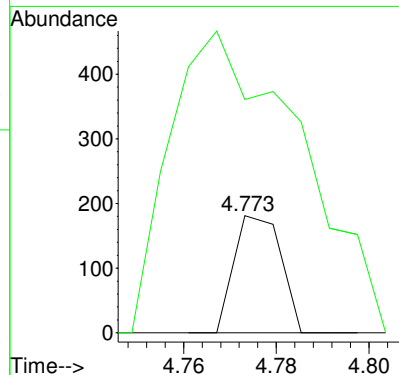
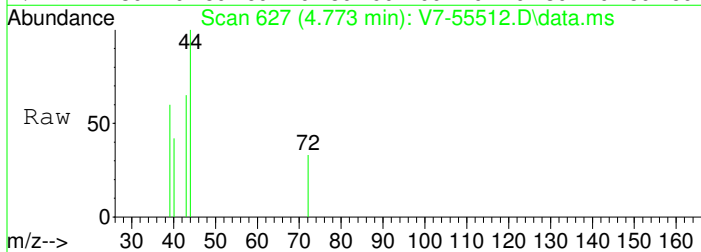
Tgt Ion: 61 Resp: 89518
Ion Ratio Lower Upper
61 100
98 49.9 33.6 69.8
96 78.1 52.3 108.5
63 32.7 21.3 44.3





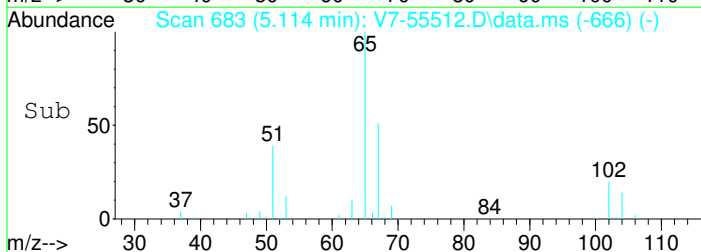
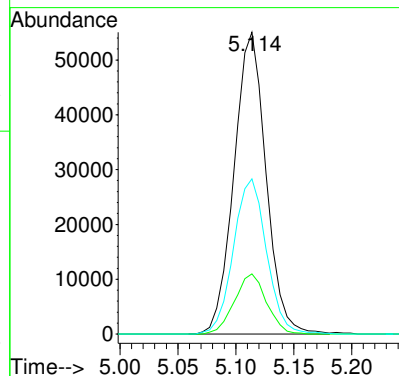
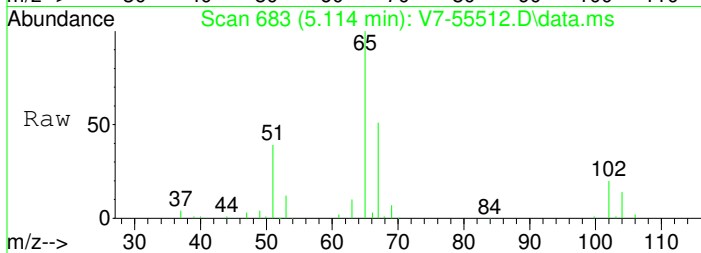
#34
2-Butanone
Concen: 0.40 ppb
RT: 4.773 min Scan# 627
Delta R.T. 0.000 min
Lab File: V7-55512.D
Acq: 28 Feb 2026 1:24 pm

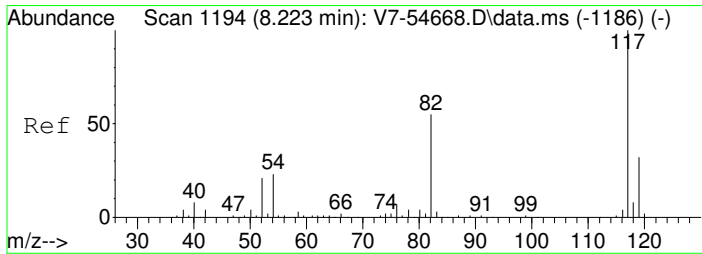
Tgt Ion: 72 Resp: 127
Ion Ratio Lower Upper
72 100
43 718.9 92.8 192.8#



#42
d4-1,2-Dichloroethane (SURR)
Concen: 11.57 ppb
RT: 5.114 min Scan# 683
Delta R.T. 0.006 min
Lab File: V7-55512.D
Acq: 28 Feb 2026 1:24 pm

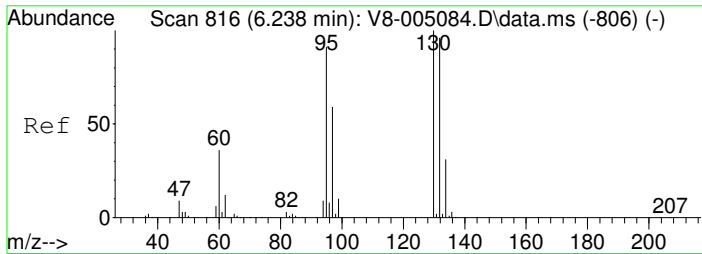
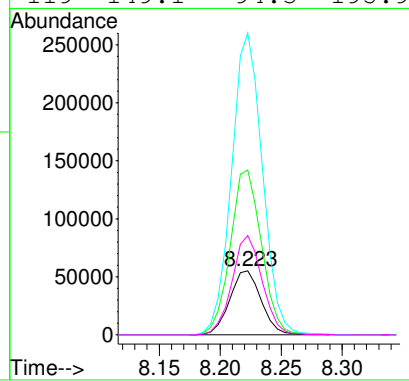
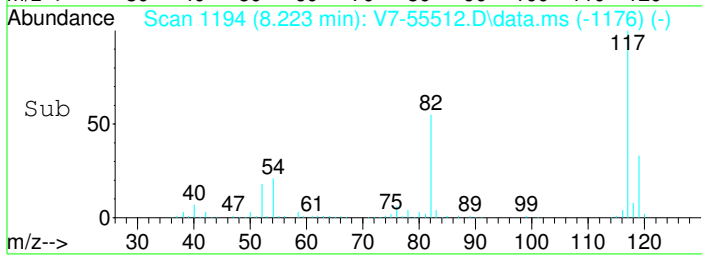
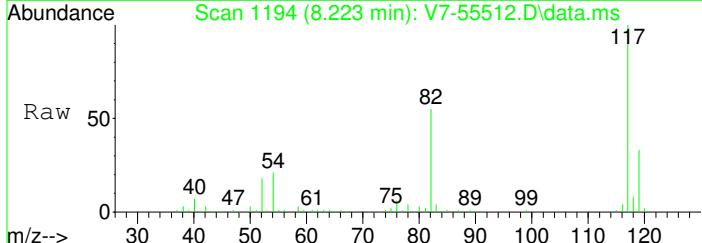
Tgt Ion: 65 Resp: 106141
Ion Ratio Lower Upper
65 100
102 20.0 14.8 30.6
67 53.2 36.5 75.9





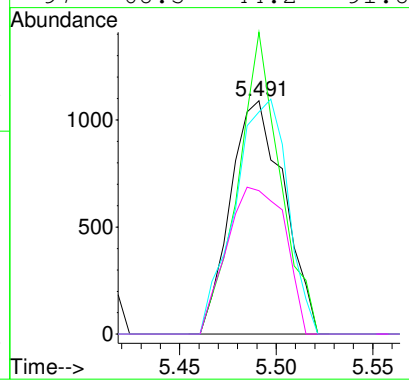
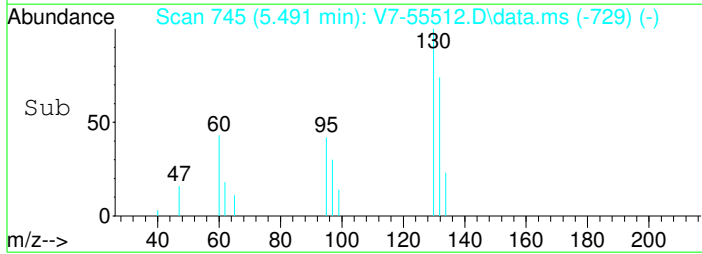
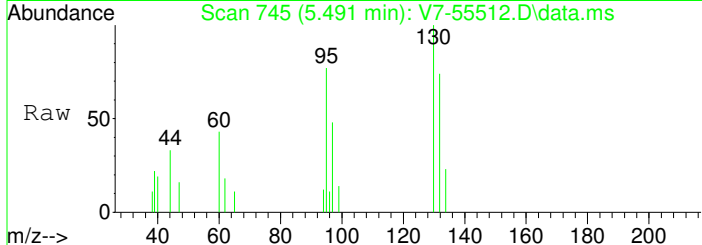
#48
 CHLOROBENZENE-d5 (ISTD)
 Concen: 10.00 ppb
 RT: 8.223 min Scan# 1194
 Delta R.T. 0.007 min
 Lab File: V7-55512.D
 Acq: 28 Feb 2026 1:24 pm

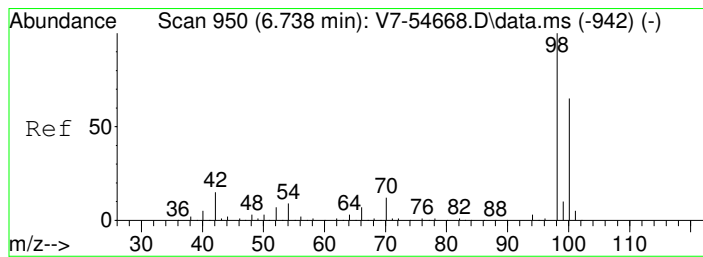
Tgt Ion:	54	Resp:	99168
Ion Ratio	Lower	Upper	
54	100		
82	256.1	160.7	333.9
117	462.4	293.7	610.1
119	149.1	94.3	195.9



#49
 Trichloroethylene
 Concen: 0.12 ppb
 RT: 5.491 min Scan# 745
 Delta R.T. 0.000 min
 Lab File: V7-55512.D
 Acq: 28 Feb 2026 1:24 pm

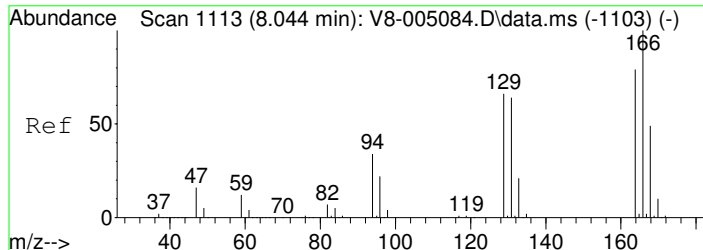
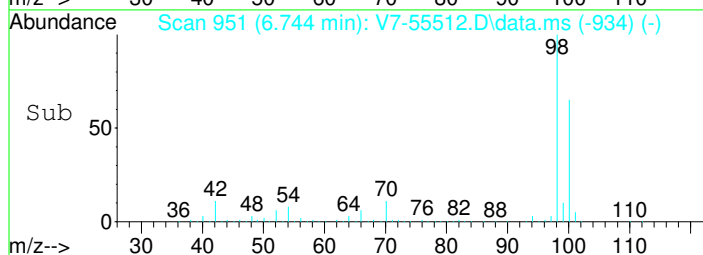
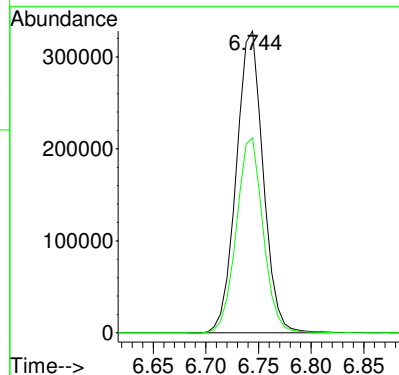
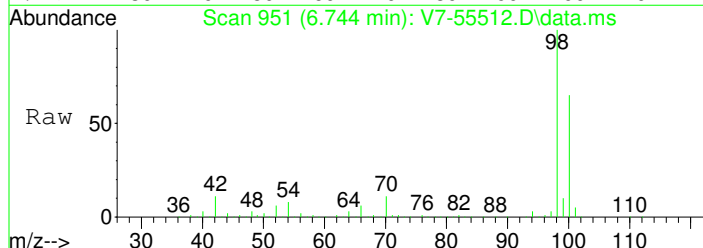
Tgt Ion:	95	Resp:	2103
Ion Ratio	Lower	Upper	
95	100		
130	101.6	66.8	138.8
132	99.7	63.6	132.2
97	68.5	44.2	91.8





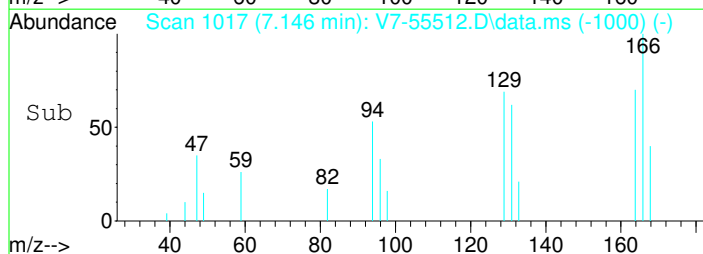
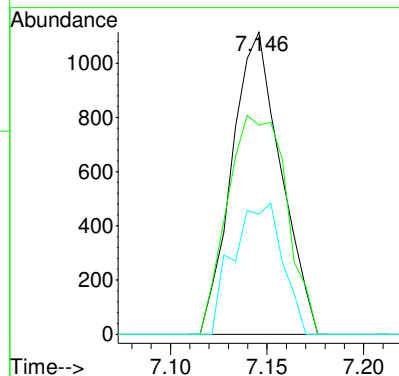
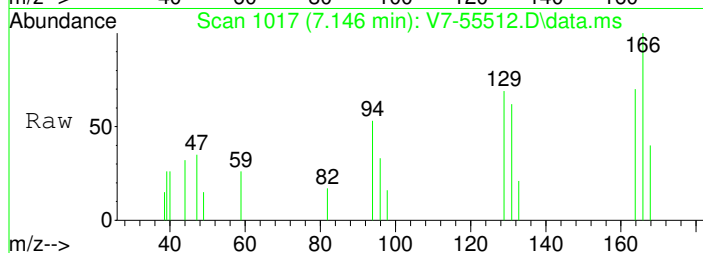
#60
Toluene-d8 (SURR)
Concen: 10.63 ppb
RT: 6.744 min Scan# 951
Delta R.T. 0.006 min
Lab File: V7-55512.D
Acq: 28 Feb 2026 1:24 pm

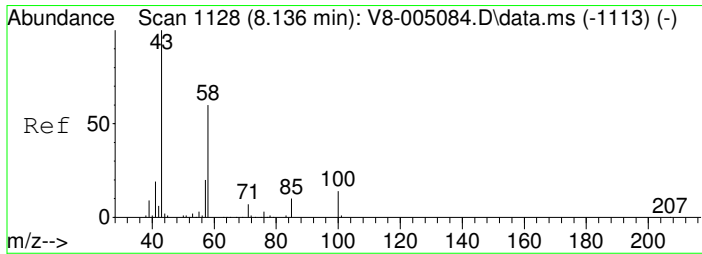
Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	42.3	87.9



#67
Tetrachloroethylene
Concen: 0.10 ppb
RT: 7.146 min Scan# 1017
Delta R.T. 0.006 min
Lab File: V7-55512.D
Acq: 28 Feb 2026 1:24 pm

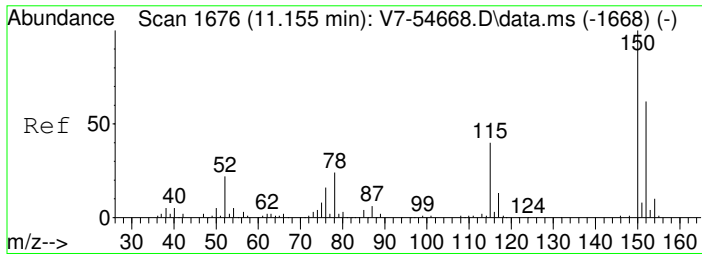
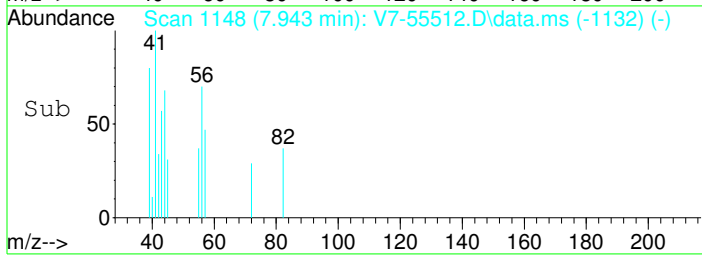
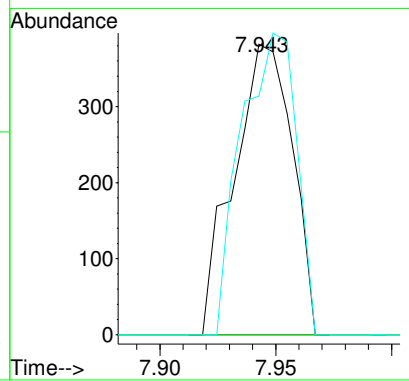
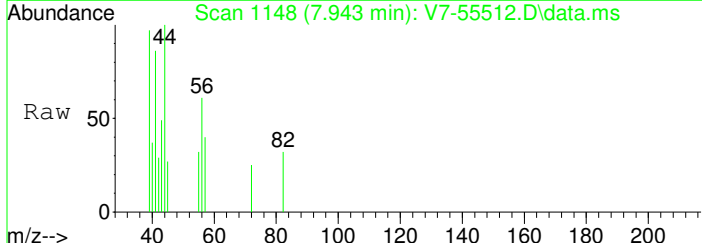
Tgt Ion	Ratio	Lower	Upper
166	100		
129	87.6	47.6	99.0
168	43.9	31.2	64.8





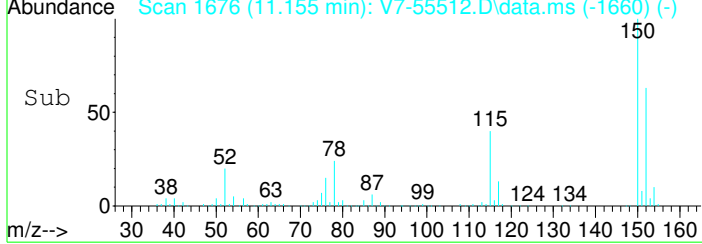
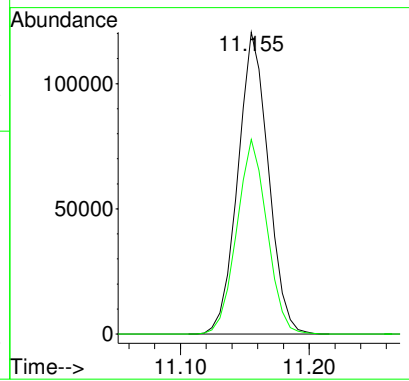
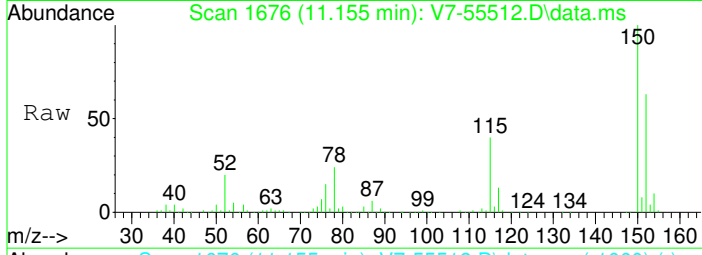
#68
 2-Hexanone
 Concen: 0.91 ppb
 RT: 7.943 min Scan# 1148
 Delta R.T. -0.000 min
 Lab File: V7-55512.D
 Acq: 28 Feb 2026 1:24 pm

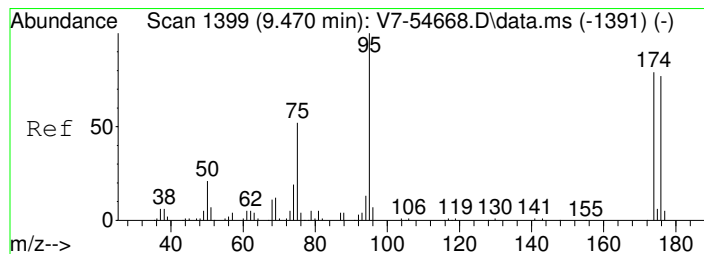
Tgt Ion:	43	Resp:	672
Ion Ratio	Lower	Upper	
43	100		
58	0.0	37.2	77.4#
57	97.8	12.9	26.7#



#80
 1,2-DICHLOROBENZENE-d4 (ISTD)
 Concen: 10.00 ppb
 RT: 11.155 min Scan# 1676
 Delta R.T. -0.000 min
 Lab File: V7-55512.D
 Acq: 28 Feb 2026 1:24 pm

Tgt Ion:	152	Resp:	198248
Ion Ratio	Lower	Upper	
152	100		
115	64.2	40.0	83.2





#82

p-Bromofluorobenzene (SURR)

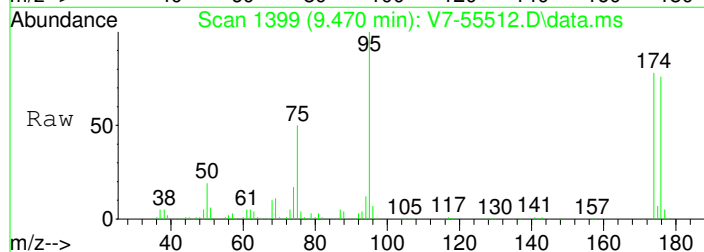
Concen: 10.63 ppb

RT: 9.470 min Scan# 1399

Delta R.T. -0.000 min

Lab File: V7-55512.D

Acq: 28 Feb 2026 1:24 pm



Tgt Ion: 95 Resp: 203681

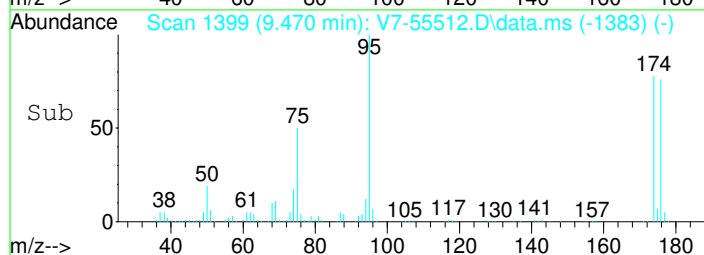
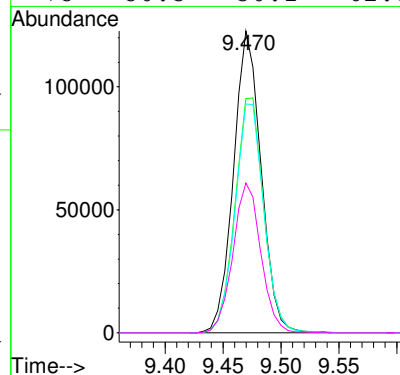
Ion Ratio Lower Upper

95 100

174 81.2 53.5 111.1

176 79.2 52.3 108.5

75 50.3 30.1 62.5



Sample Information

Client Sample ID: MW-11R MS/MSD (2026 27 02)

Sample ID: 26B1152-03RE1

Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26B1152	230051-170 Freeman Rd Brooklyn NY	Ground Water	February 27, 2026 10:15 am	02/27/2026

Volatile Organic Compounds by GC/MS

Sample Prepared by Method: EPA 5030B				Results Reported to MDL							
CAS No.	Parameter	Result	Flag	Units	RL	MDL	Dilution	Reference Method	Prepared	Analyzed	Analyst
67-64-1	Acetone	258	CAL-E, CCVE, QL-02	ug/L	100	67.0	50	EPA 8260D	02/28/2026 07:00	03/05/2026 14:50	THD
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	100 %			69-130						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	112 %			79-122						
2037-26-5	Surrogate: SURR: Toluene-d8	103 %			81-117						

Data File : V10C19078.D
 Data Path : C:\msdchem\1\data\V10-03-05-2026\
 Acq On : 5 Mar 2026 2:50 pm
 Operator : THD
 Sample : 26B1152-03RE1
 Misc : 50X
 ALS Vial : 36
 InstName : VOA No. 10
 DataAcq Meth:VOA10ACQ.M
 Multiplr: 50.00

Quant Time: Mar 05 22:58:01 2026
 QMeth File : V10-8260D-R020926.M
 Quant Method : C:\msdchem\1\methods\V10-8260D-R020926.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Wed Feb 11 17:28:59 2026
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)

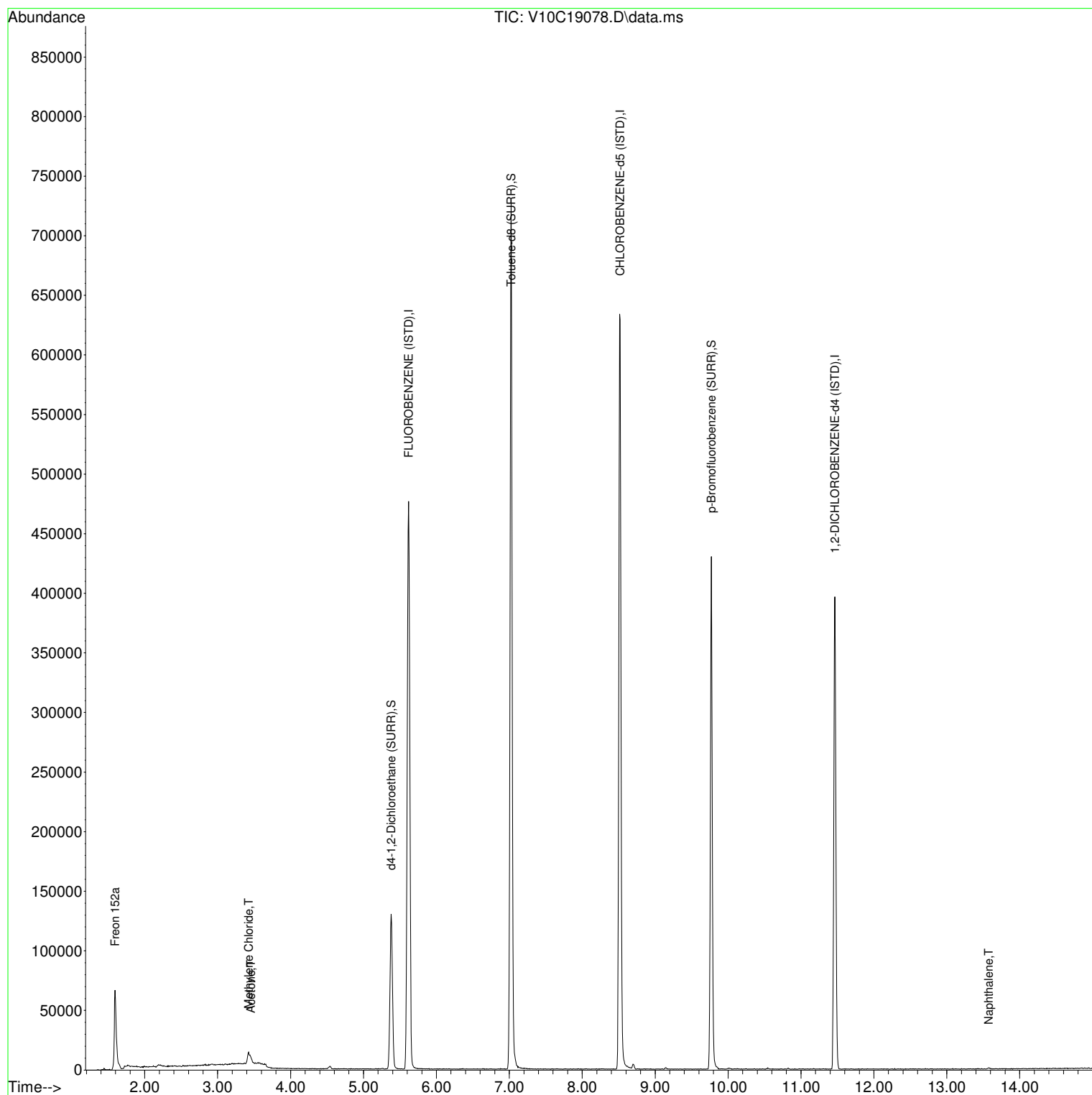
Internal Standards						
1) FLUOROBENZENE (ISTD)	5.618	50	64802	10.00	ppb	0.00
48) CHLOROBENZENE-d5 (ISTD)	8.520	119	122627	10.00	ppb	0.00
80) 1,2-DICHLOROBENZENE-d4...	11.464	152	116499	10.00	ppb	0.00
System Monitoring Compounds						
42) d4-1,2-Dichloroethane ...	5.380	65	113529	10.02	ppb	0.00
Spiked Amount 10.000	Range 69 - 130		Recovery	=	100.20%	
60) Toluene-d8 (SURR)	7.026	98	560829	10.32	ppb	0.00
Spiked Amount 10.000	Range 81 - 117		Recovery	=	103.20%	
82) p-Bromofluorobenzene (...)	9.769	95	171551	11.22	ppb	0.00
Spiked Amount 10.000	Range 79 - 122		Recovery	=	112.20%	
Target Compounds						Qvalue
3) Freon 152a	1.593	65	34615	8.19	ppb	# 4
18) Acetone	3.453	58	2486	5.15	ppb	# 44
24) Methylene Chloride	3.423	49	5651	0.37	ppb	# 87
113) Naphthalene	13.573	128	1445	0.24	ppb	# 75

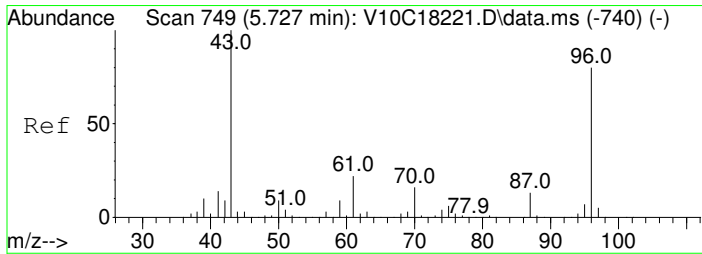
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : V10C19078.D
Data Path : C:\msdchem\1\data\V10-03-05-2026\
Acq On : 5 Mar 2026 2:50 pm
Operator : THD
Sample : 26B1152-03RE1
Misc : 50X
ALS Vial : 36
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Multiplr: 50.00

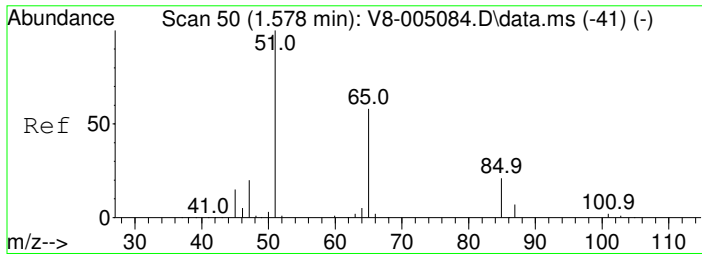
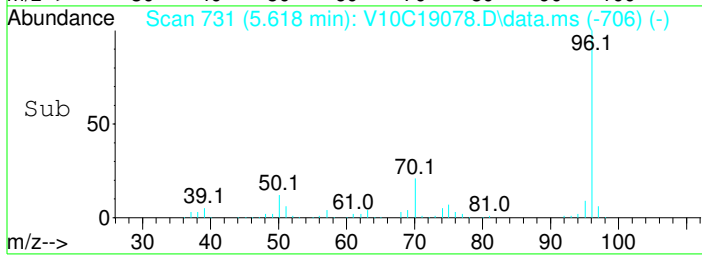
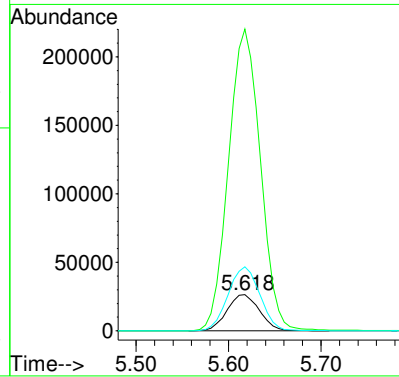
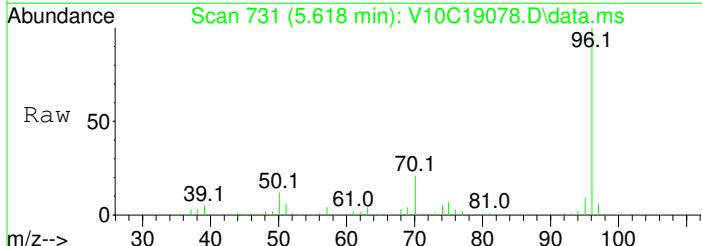
Quant Time: Mar 05 22:58:01 2026
QMeth File : V10-8260D-R020926.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R020926.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Feb 11 17:28:59 2026
Response via : Initial Calibration





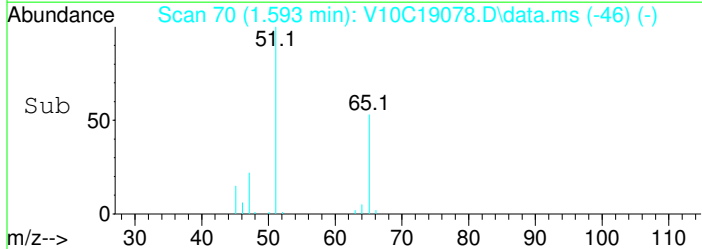
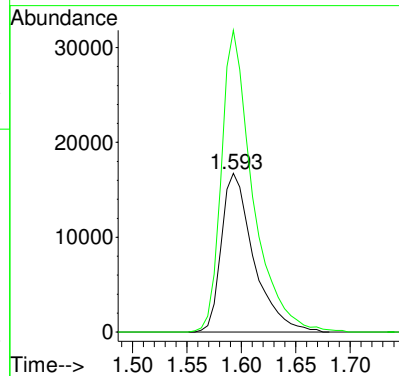
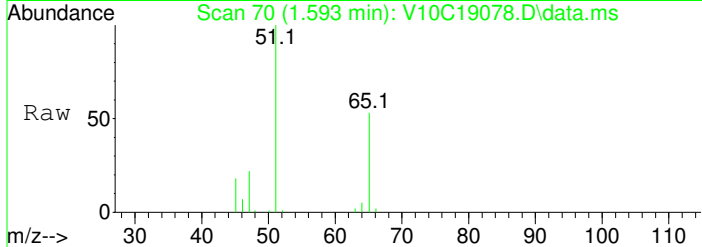
#1
 FLUOROBENZENE (ISTD)
 Concen: 10.00 ppb
 RT: 5.618 min Scan# 731
 Delta R.T. -0.000 min
 Lab File: V10C19078.D
 Acq: 5 Mar 2026 2:50 pm

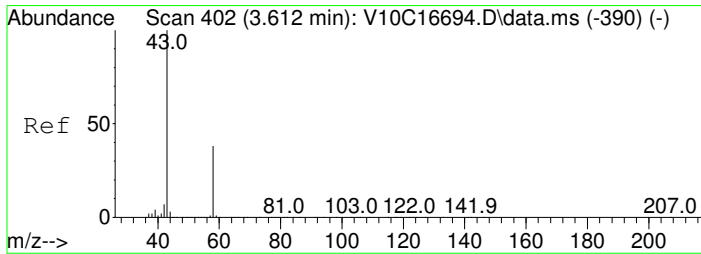
Tgt Ion:	50	Resp:	64802
Ion Ratio	Lower	Upper	
50	100		
96	817.2	549.7	1141.7
70	173.4	112.2	233.0



#3
 Freon 152a
 Concen: 8.19 ppb
 RT: 1.593 min Scan# 70
 Delta R.T. -0.006 min
 Lab File: V10C19078.D
 Acq: 5 Mar 2026 2:50 pm

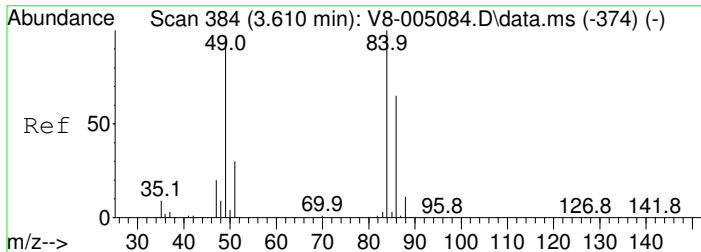
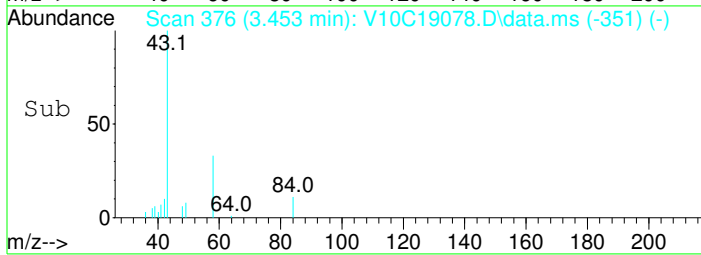
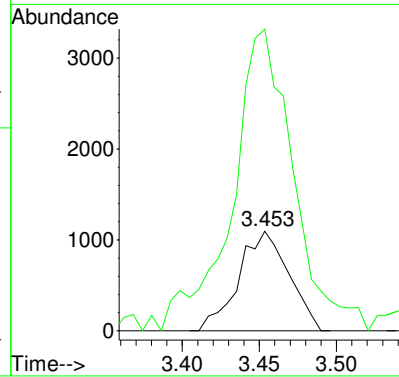
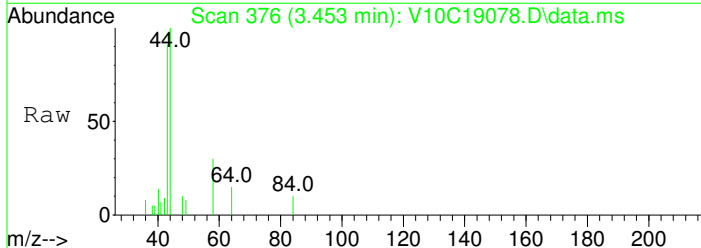
Tgt Ion:	65	Resp:	34615
Ion Ratio	Lower	Upper	
65	100		
51	184.5	209.3	627.9#





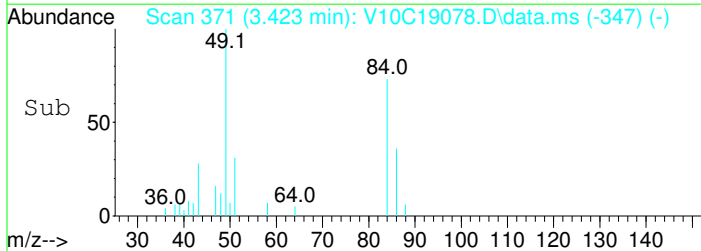
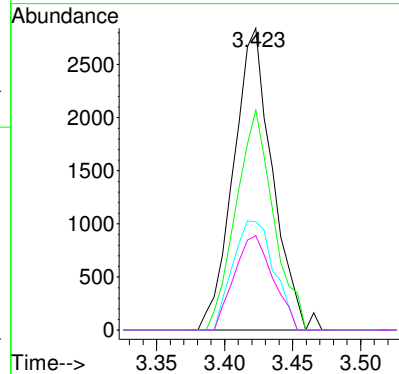
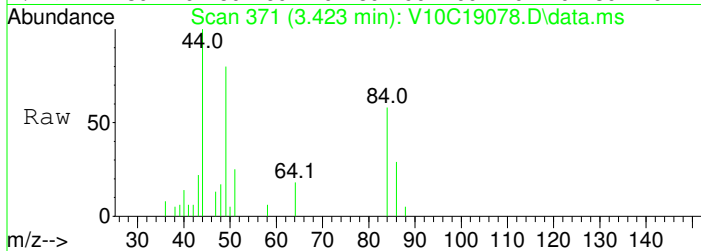
#18
Acetone
Concen: 5.15 ppb
RT: 3.453 min Scan# 376
Delta R.T. -0.000 min
Lab File: V10C19078.D
Acq: 5 Mar 2026 2:50 pm

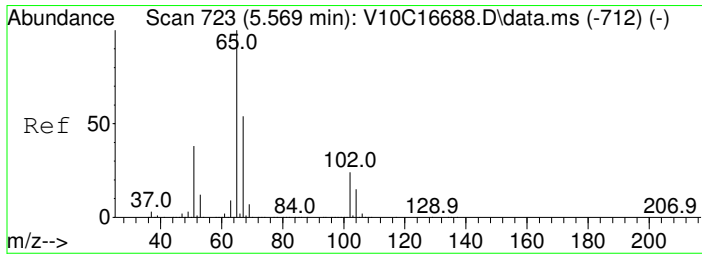
Tgt Ion: 58 Resp: 2486
Ion Ratio Lower Upper
58 100
43 372.4 175.6 364.6#



#24
Methylene Chloride
Concen: 0.37 ppb
RT: 3.423 min Scan# 371
Delta R.T. -0.006 min
Lab File: V10C19078.D
Acq: 5 Mar 2026 2:50 pm

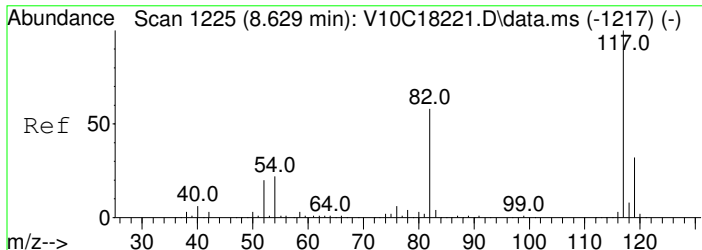
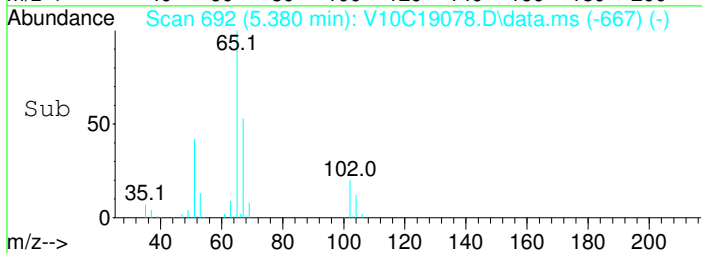
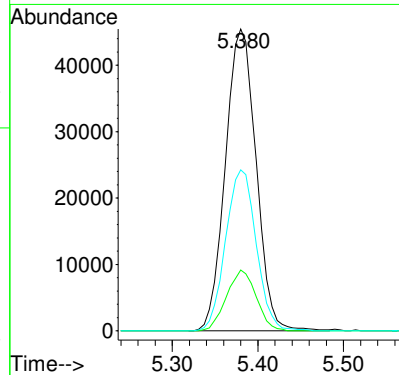
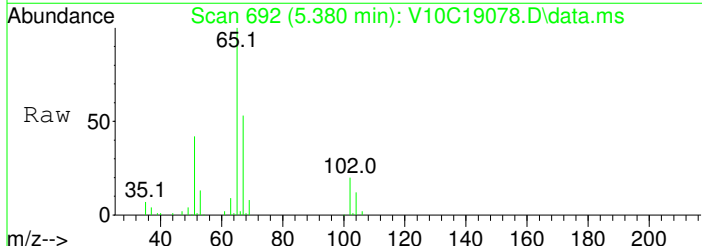
Tgt Ion: 49 Resp: 5651
Ion Ratio Lower Upper
49 100
84 70.2 53.7 111.5
86 38.3 34.1 70.9
51 31.0 20.7 43.1





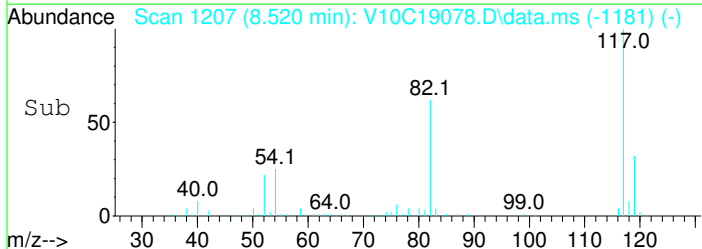
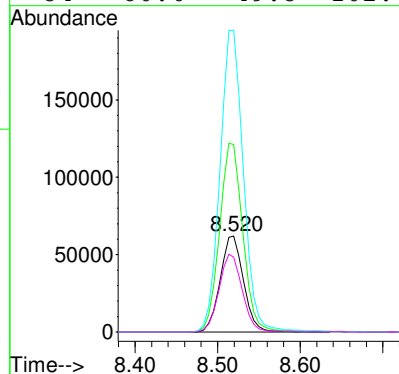
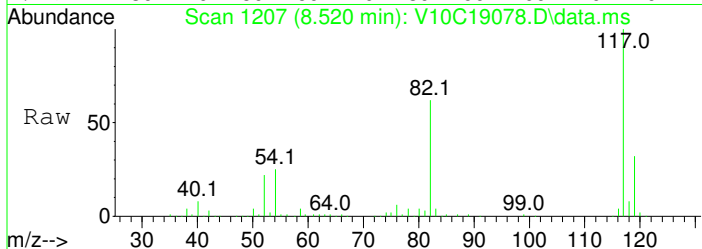
#42
d4-1,2-Dichloroethane (SURR)
Concen: 10.02 ppb
RT: 5.380 min Scan# 692
Delta R.T. -0.000 min
Lab File: V10C19078.D
Acq: 5 Mar 2026 2:50 pm

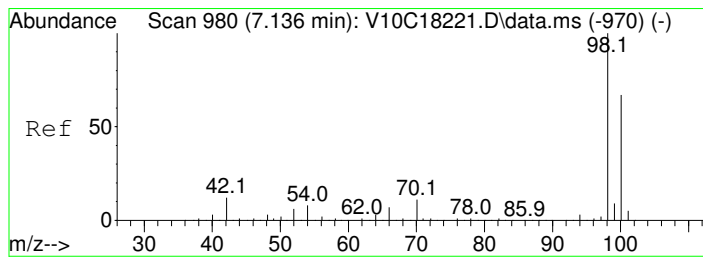
Tgt Ion:	65	Resp:	113529
Ion Ratio	Lower	Upper	
65	100		
102	19.4	12.9	26.9
67	53.1	32.7	67.9



#48
CHLOROBENZENE-d5 (ISTD)
Concen: 10.00 ppb
RT: 8.520 min Scan# 1207
Delta R.T. 0.006 min
Lab File: V10C19078.D
Acq: 5 Mar 2026 2:50 pm

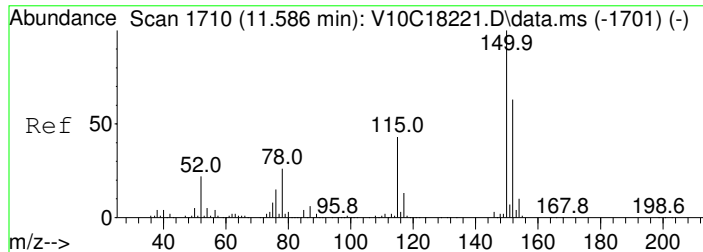
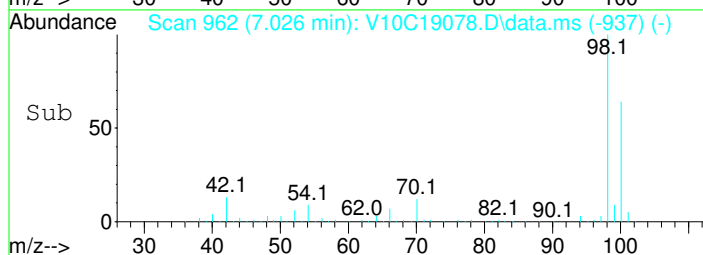
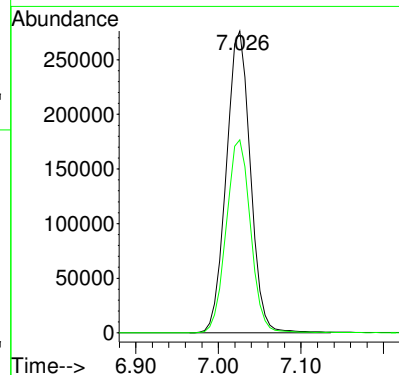
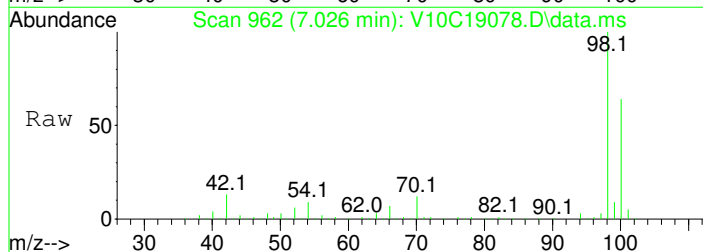
Tgt Ion:	119	Resp:	122627
Ion Ratio	Lower	Upper	
119	100		
82	194.8	115.3	239.5
117	314.4	202.4	420.4
54	80.6	49.5	102.7





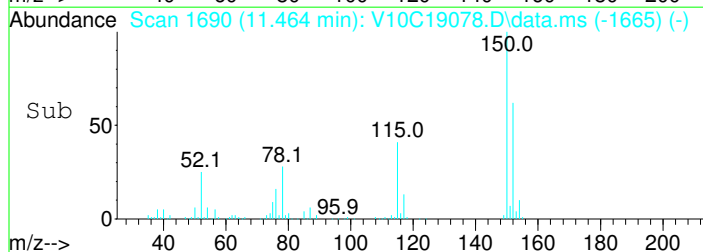
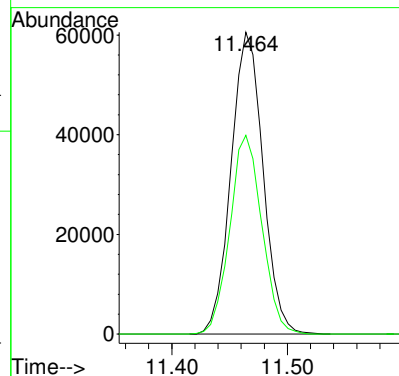
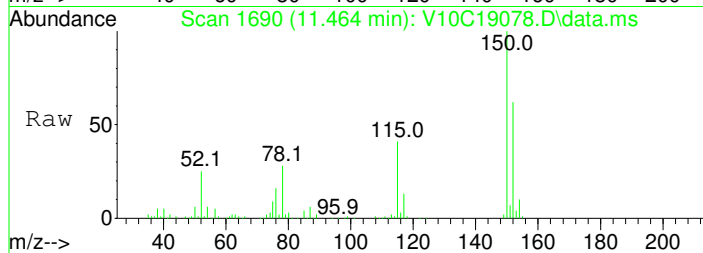
#60
Toluene-d8 (SURRE)
Concen: 10.32 ppb
RT: 7.026 min Scan# 962
Delta R.T. -0.000 min
Lab File: V10C19078.D
Acq: 5 Mar 2026 2:50 pm

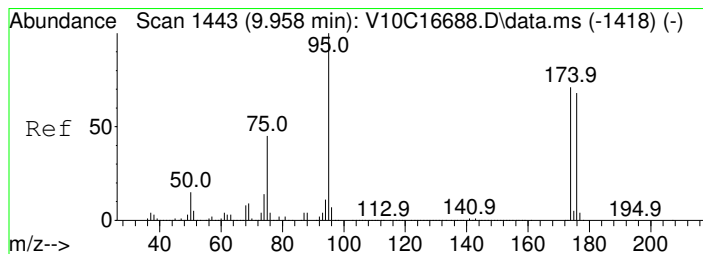
Tgt Ion: 98 Resp: 560829
Ion Ratio Lower Upper
98 100
100 64.7 42.3 87.9



#80
1,2-DICHLOROBENZENE-d4 (ISTD)
Concen: 10.00 ppb
RT: 11.464 min Scan# 1690
Delta R.T. -0.000 min
Lab File: V10C19078.D
Acq: 5 Mar 2026 2:50 pm

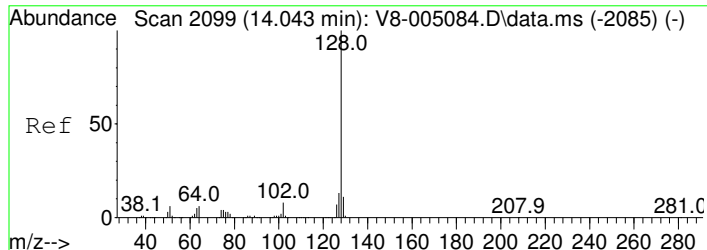
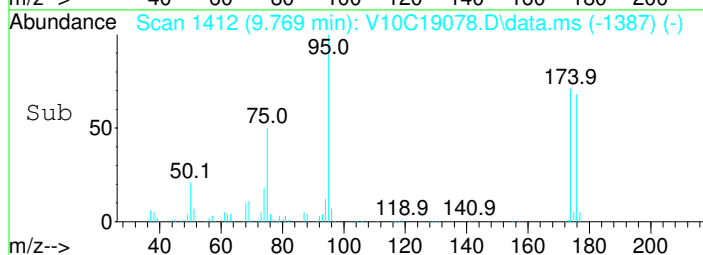
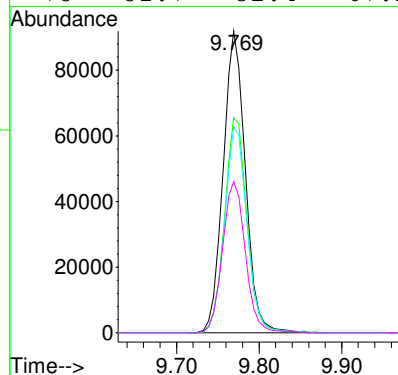
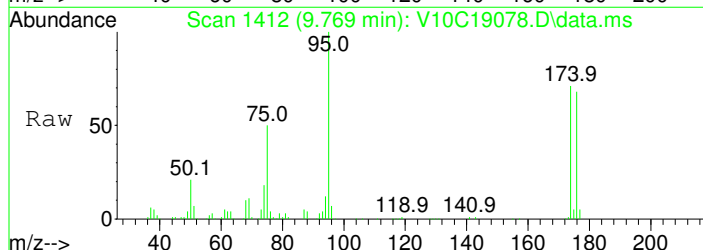
Tgt Ion: 152 Resp: 116499
Ion Ratio Lower Upper
152 100
115 65.9 41.0 85.2





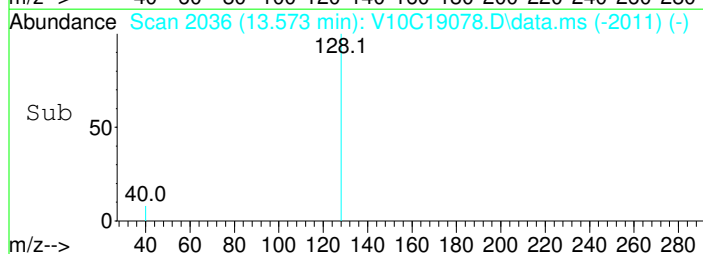
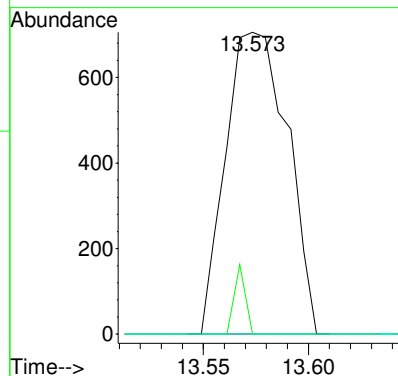
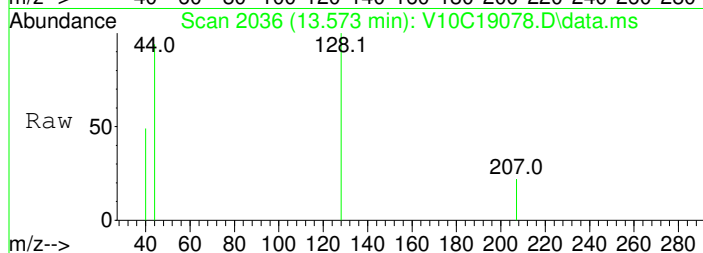
#82
p-Bromofluorobenzene (SURR)
Concen: 11.22 ppb
RT: 9.769 min Scan# 1412
Delta R.T. -0.000 min
Lab File: V10C19078.D
Acq: 5 Mar 2026 2:50 pm

Tgt Ion:	95	Resp:	171551
Ion Ratio	Lower	Upper	
95	100		
174	72.2	52.7	109.4
176	69.1	51.0	105.8
75	51.7	32.4	67.2



#113
Naphthalene
Concen: 0.24 ppb
RT: 13.573 min Scan# 2036
Delta R.T. -0.000 min
Lab File: V10C19078.D
Acq: 5 Mar 2026 2:50 pm

Tgt Ion:	128	Resp:	1445
Ion Ratio	Lower	Upper	
128	100		
127	4.2	8.4	17.4#
129	0.0	7.2	14.9#



Sample Information

Client Sample ID: MW-13R (2026 27 02)			Sample ID: 26B1152-04		
Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
26B1152	230051-170 Freeman Rd Brooklyn NY	Ground Water	February 27, 2026 1:00 pm	02/27/2026	

Volatile Organic Compounds by GC/MS

Sample Prepared by Method: EPA 5030B				Results Reported to MDL							
CAS No.	Parameter	Result	Flag	Units	RL	MDL	Dilution	Reference Method	Prepared	Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.500	0.216	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:54	THD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.500	0.266	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:54	THD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.500	0.256	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:54	THD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.500	0.286	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:54	THD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.500	0.249	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:54	THD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.500	0.272	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:54	THD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.500	0.327	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:54	THD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.500	0.222	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:54	THD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.500	0.273	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:54	THD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.500	0.138	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:54	THD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.500	0.310	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:54	THD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.500	0.432	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:54	THD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.500	0.215	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:54	THD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.500	0.270	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:54	THD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.500	0.377	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:54	THD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.500	0.327	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:54	THD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.500	0.347	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:54	THD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.500	0.283	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:54	THD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.500	0.311	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:54	THD
78-93-3	2-Butanone	ND		ug/L	0.500	0.421	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:54	THD
591-78-6	2-Hexanone	ND		ug/L	0.500	0.320	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:54	THD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.500	0.365	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:54	THD
67-64-1	Acetone	3.40	CCVE, ICVE, QL-02	ug/L	2.00	1.34	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:54	THD
107-02-8	Acrolein	ND	ICVE	ug/L	0.500	0.447	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:54	THD
107-13-1	Acrylonitrile	ND		ug/L	0.500	0.422	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:54	THD
71-43-2	Benzene	ND		ug/L	0.500	0.279	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:54	THD
74-97-5	Bromochloromethane	ND		ug/L	0.500	0.354	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:54	THD
75-27-4	Bromodichloromethane	ND		ug/L	0.500	0.245	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:54	THD
75-25-2	Bromoform	ND		ug/L	0.500	0.163	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:54	THD
74-83-9	Bromomethane	ND	CCVE	ug/L	2.00	0.500	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:54	THD
75-15-0	Carbon disulfide	ND		ug/L	0.500	0.362	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:54	THD
56-23-5	Carbon tetrachloride	ND		ug/L	0.500	0.204	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:54	THD
108-90-7	Chlorobenzene	ND		ug/L	0.500	0.284	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:54	THD
75-00-3	Chloroethane	ND		ug/L	0.500	0.448	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:54	THD
67-66-3	Chloroform	ND		ug/L	0.500	0.243	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:54	THD

Sample Information

Client Sample ID: MW-13R (2026 27 02)			Sample ID: 26B1152-04		
Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
26B1152	230051-170 Freeman Rd Brooklyn NY	Ground Water	February 27, 2026 1:00 pm	02/27/2026	

Volatile Organic Compounds by GC/MS

Sample Prepared by Method: EPA 5030B				Results Reported to MDL							
CAS No.	Parameter	Result	Flag	Units	RL	MDL	Dilution	Reference Method	Prepared	Analyzed	Analyst
74-87-3	Chloromethane	ND	CCVE	ug/L	0.500	0.372	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:54	THD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.500	0.294	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:54	THD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.500	0.262	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:54	THD
110-82-7	Cyclohexane	ND		ug/L	0.500	0.491	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:54	THD
124-48-1	Dibromochloromethane	ND		ug/L	0.500	0.146	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:54	THD
74-95-3	Dibromomethane	ND	CCVE, ICVE, QL-02	ug/L	0.500	0.203	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:54	THD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.500	0.451	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:54	THD
100-41-4	Ethyl Benzene	ND		ug/L	0.500	0.290	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:54	THD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	0.241	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:54	THD
98-82-8	Isopropylbenzene	ND		ug/L	0.500	0.405	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:54	THD
79-20-9	Methyl acetate	ND	ICVE	ug/L	0.500	0.442	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:54	THD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.500	0.244	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:54	THD
108-87-2	Methylcyclohexane	ND		ug/L	0.500	0.477	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:54	THD
75-09-2	Methylene chloride	ND		ug/L	2.00	0.397	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:54	THD
104-51-8	n-Butylbenzene	ND		ug/L	0.500	0.399	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:54	THD
103-65-1	n-Propylbenzene	ND	CCVE	ug/L	0.500	0.384	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:54	THD
95-47-6	o-Xylene	ND		ug/L	0.500	0.261	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:54	THD
179601-23-1	p- & m- Xylenes	ND		ug/L	1.00	0.578	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:54	THD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.500	0.377	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:54	THD
135-98-8	sec-Butylbenzene	ND		ug/L	0.500	0.444	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:54	THD
100-42-5	Styrene	ND	CCVE	ug/L	0.500	0.255	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:54	THD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	1.00	0.608	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:54	THD
98-06-6	tert-Butylbenzene	ND		ug/L	0.500	0.367	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:54	THD
127-18-4	Tetrachloroethylene	ND		ug/L	0.500	0.239	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:54	THD
108-88-3	Toluene	ND		ug/L	0.500	0.346	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:54	THD
156-60-5	trans-1,2-Dichloroethylene	ND	CCVE	ug/L	0.500	0.279	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:54	THD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.500	0.229	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:54	THD
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.500	0.283	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:54	THD
79-01-6	Trichloroethylene	ND		ug/L	0.500	0.249	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:54	THD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.500	0.337	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:54	THD
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.500	0.469	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:54	THD
1330-20-7	Xylenes, Total	ND		ug/L	1.50	0.839	1	EPA 8260D	02/28/2026 07:00	02/28/2026 13:54	THD
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	114 %			69-130						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	106 %			79-122						
2037-26-5	Surrogate: SURR: Toluene-d8	109 %			81-117						

Data Path : C:\msdchem\1\data\VOA7-02-28-26\
 Data File : V7-55513.D
 InstName : MSVOA7
 Acq On : 28 Feb 2026 1:54 pm
 Operator : THD
 Sample : 26B1152-04 A
 Misc : 8260
 ALS Vial : 50 Sample Multiplier: 1

Quant Time: Mar 04 21:11:56 2026
 Quant Method : C:\msdchem\1\methods\Calibration\V7-8260D-R020926.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Wed Feb 11 19:02:20 2026
 Response via : Initial Calibration

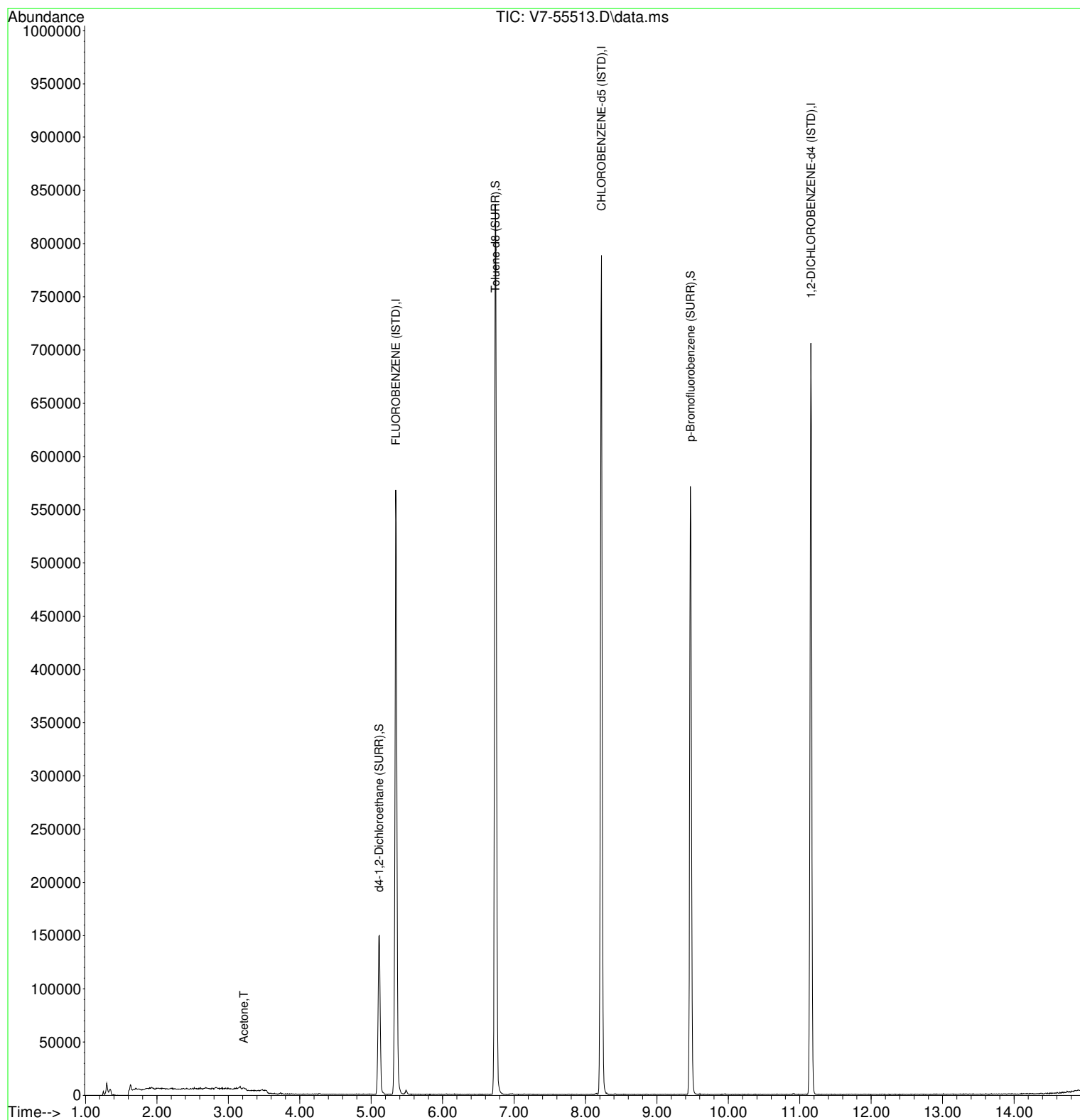
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

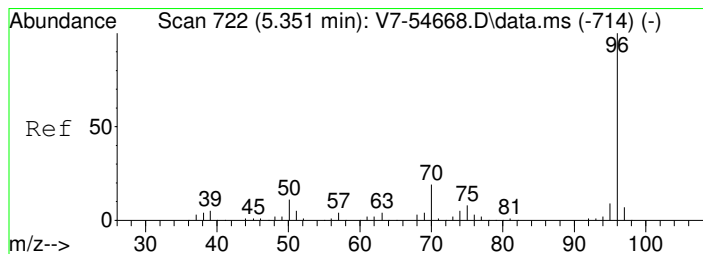
Internal Standards						
1) FLUOROBENZENE (ISTD)	5.345	50	56056	10.00	ppb	0.00
48) CHLOROBENZENE-d5 (ISTD)	8.222	54	96546	10.00	ppb	0.00
80) 1,2-DICHLOROBENZENE-d4...	11.155	152	194508	10.00	ppb	0.00
System Monitoring Compounds						
42) d4-1,2-Dichloroethane ...	5.108	65	104918	11.35	ppb	0.00
Spiked Amount 10.000	Range	69 - 130	Recovery	=	113.50%	
60) Toluene-d8 (SURR)	6.738	98	580041	10.86	ppb	0.00
Spiked Amount 10.000	Range	81 - 117	Recovery	=	108.60%	
82) p-Bromofluorobenzene (...)	9.470	95	200052	10.64	ppb	0.00
Spiked Amount 10.000	Range	79 - 122	Recovery	=	106.40%	
Target Compounds						
18) Acetone	3.216	58	482	3.40	ppb	Qvalue 63

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\VOA7-02-28-26\
Data File : V7-55513.D
InstName : MSVOA7
Acq On : 28 Feb 2026 1:54 pm
Operator : THD
Sample : 26B1152-04 A
Misc : 8260
ALS Vial : 50 Sample Multiplier: 1

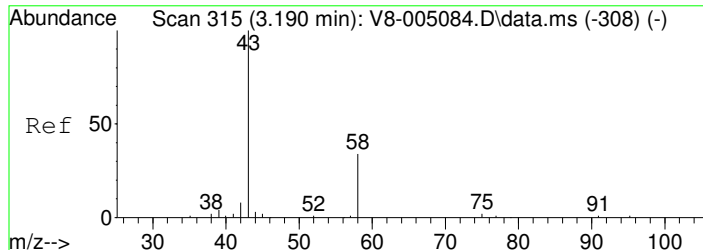
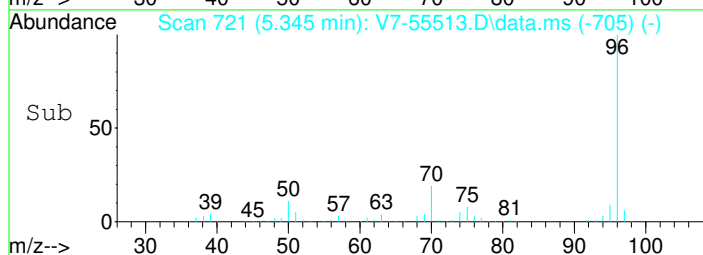
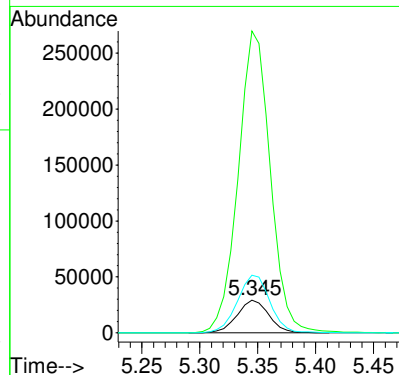
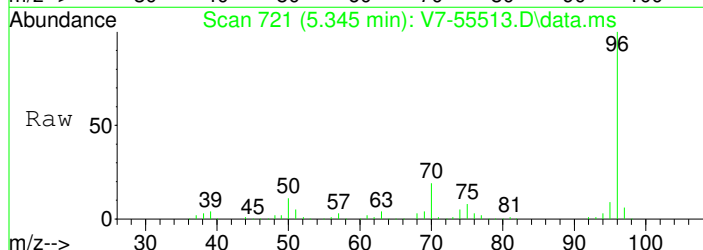
Quant Time: Mar 04 21:11:56 2026
Quant Method : C:\msdchem\1\methods\Calibration\V7-8260D-R020926.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Feb 11 19:02:20 2026
Response via : Initial Calibration





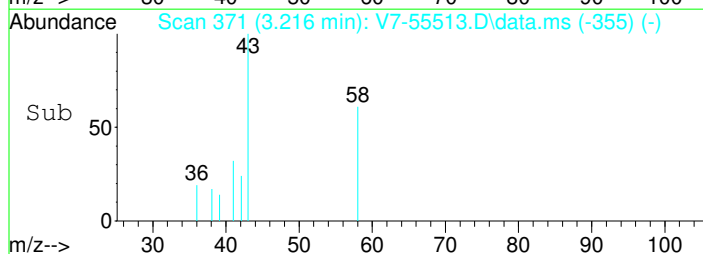
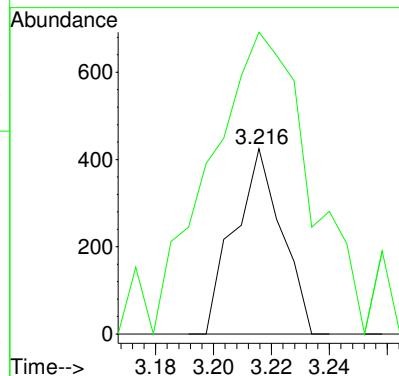
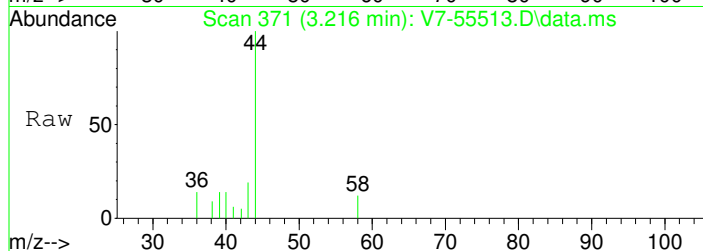
#1
 FLUOROBENZENE (ISTD)
 Concen: 10.00 ppb
 RT: 5.345 min Scan# 721
 Delta R.T. -0.000 min
 Lab File: V7-55513.D
 Acq: 28 Feb 2026 1:54 pm

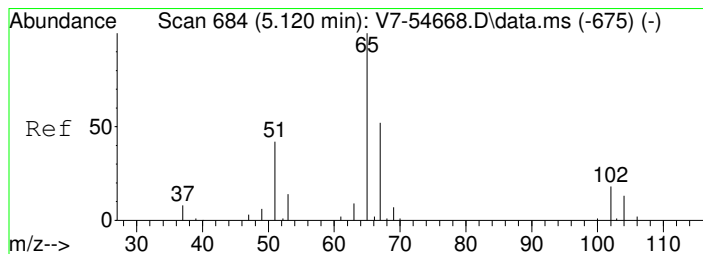
Tgt Ion	Ratio	Lower	Upper
50	100		
96	927.4	597.1	1240.1
70	180.8	118.2	245.6



#18
 Acetone
 Concen: 3.40 ppb
 RT: 3.216 min Scan# 371
 Delta R.T. -0.000 min
 Lab File: V7-55513.D
 Acq: 28 Feb 2026 1:54 pm

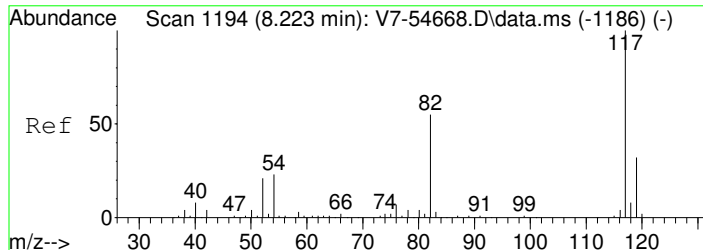
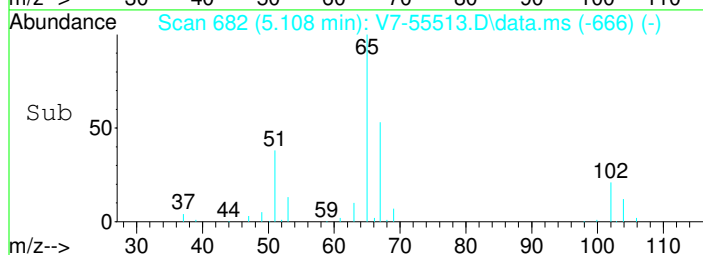
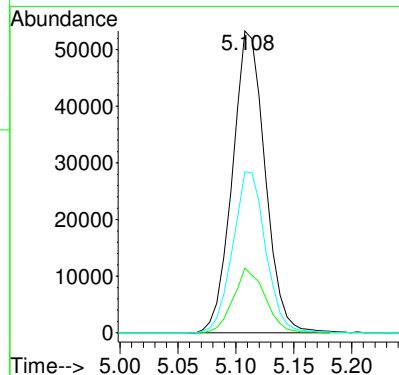
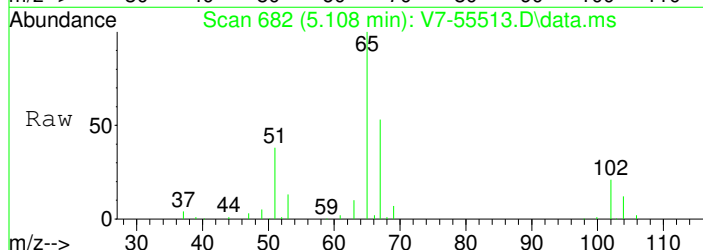
Tgt Ion	Ratio	Lower	Upper
58	100		
43	354.8	184.7	383.7





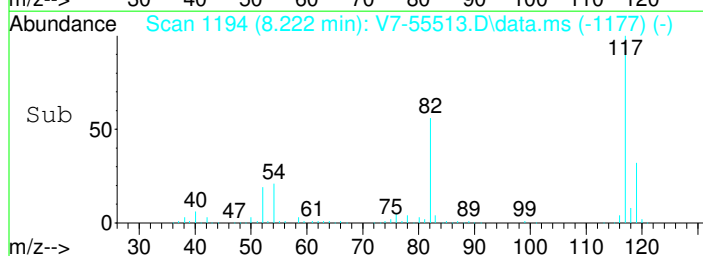
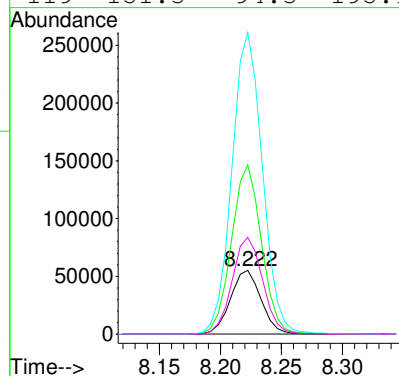
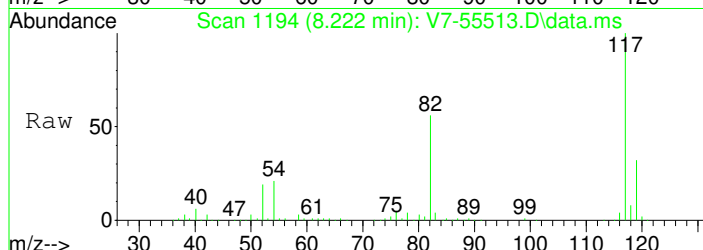
#42
d4-1,2-Dichloroethane (SURR)
Concen: 11.35 ppb
RT: 5.108 min Scan# 682
Delta R.T. -0.000 min
Lab File: V7-55513.D
Acq: 28 Feb 2026 1:54 pm

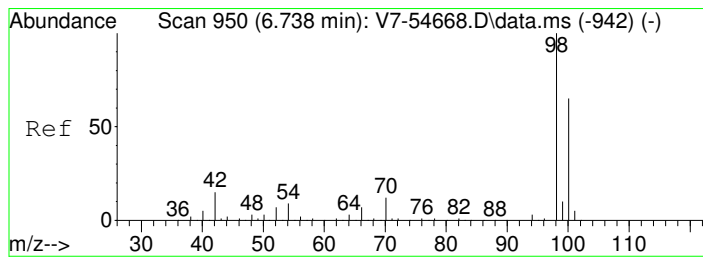
Tgt Ion	Ratio	Lower	Upper
65	100		
102	20.8	14.8	30.6
67	53.7	36.5	75.9



#48
CHLOROBENZENE-d5 (ISTD)
Concen: 10.00 ppb
RT: 8.222 min Scan# 1194
Delta R.T. 0.006 min
Lab File: V7-55513.D
Acq: 28 Feb 2026 1:54 pm

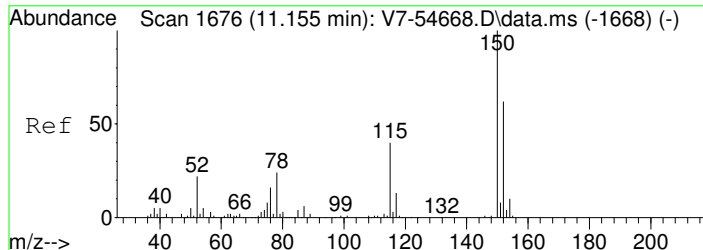
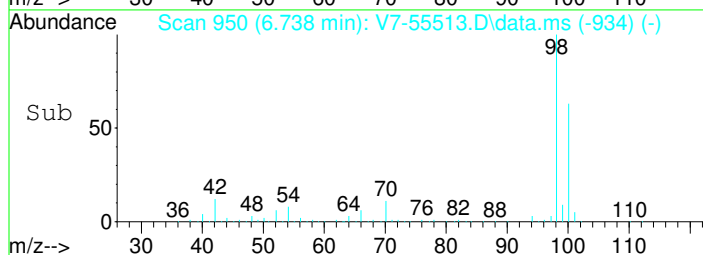
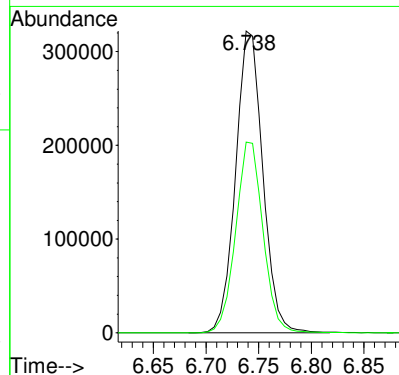
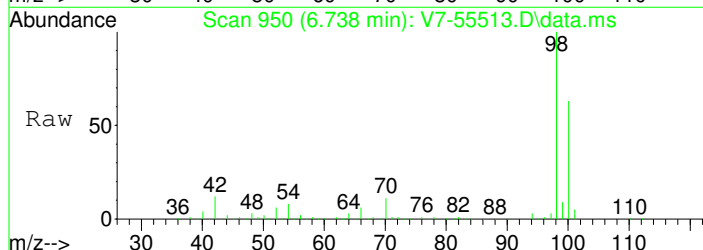
Tgt Ion	Ratio	Lower	Upper
54	100		
82	260.2	160.7	333.9
117	470.9	293.7	610.1
119	151.3	94.3	195.9





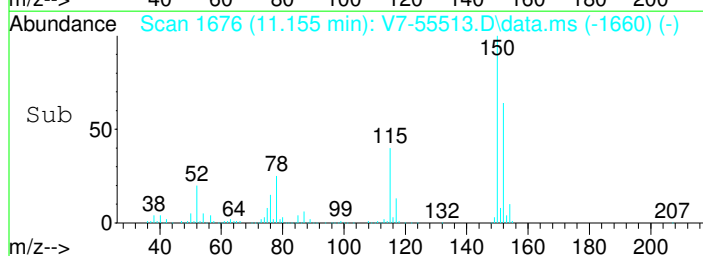
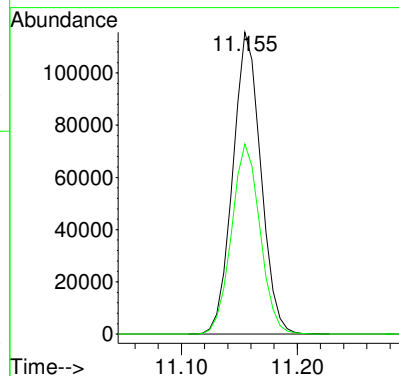
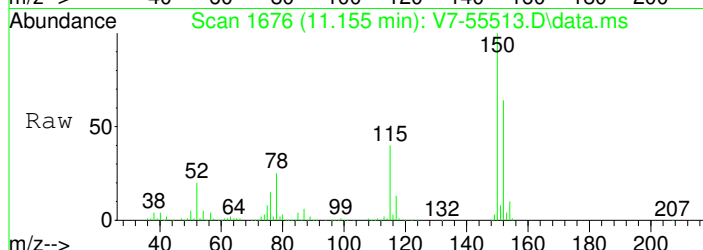
#60
Toluene-d8 (SURR)
Concen: 10.86 ppb
RT: 6.738 min Scan# 950
Delta R.T. 0.000 min
Lab File: V7-55513.D
Acq: 28 Feb 2026 1:54 pm

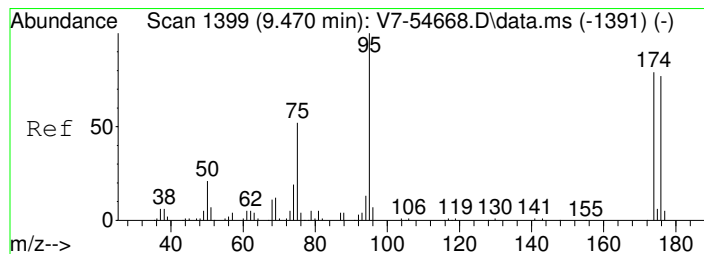
Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.4	42.3	87.9



#80
1,2-DICHLOROBENZENE-d4 (ISTD)
Concen: 10.00 ppb
RT: 11.155 min Scan# 1676
Delta R.T. -0.000 min
Lab File: V7-55513.D
Acq: 28 Feb 2026 1:54 pm

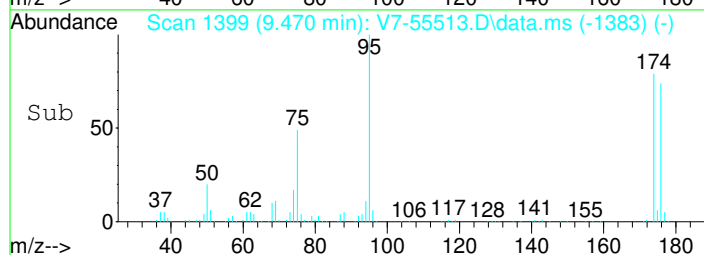
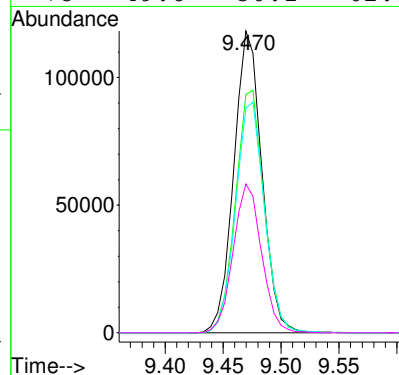
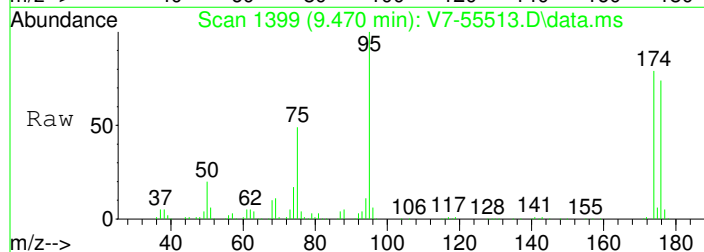
Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.0	40.0	83.2





#82
 p-Bromofluorobenzene (SURR)
 Concen: 10.64 ppb
 RT: 9.470 min Scan# 1399
 Delta R.T. -0.000 min
 Lab File: V7-55513.D
 Acq: 28 Feb 2026 1:54 pm

Tgt Ion	Ratio	Lower	Upper
95	100		
174	82.1	53.5	111.1
176	78.4	52.3	108.5
75	49.8	30.1	62.5



Sample Information

Client Sample ID: MW-14 (2026 27 02)			Sample ID: 26B1152-05	
Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26B1152	230051-170 Freeman Rd Brooklyn NY	Ground Water	February 27, 2026 12:25 pm	02/27/2026

Volatile Organic Compounds by GC/MS

Sample Prepared by Method: EPA 5030B				Results Reported to MDL							
CAS No.	Parameter	Result	Flag	Units	RL	MDL	Dilution	Reference Method	Prepared	Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.500	0.216	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:24	THD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.500	0.266	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:24	THD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.500	0.256	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:24	THD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.500	0.286	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:24	THD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.500	0.249	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:24	THD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.500	0.272	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:24	THD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.500	0.327	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:24	THD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.500	0.222	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:24	THD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.500	0.273	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:24	THD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.500	0.138	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:24	THD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.500	0.310	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:24	THD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.500	0.432	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:24	THD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.500	0.215	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:24	THD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.500	0.270	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:24	THD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.500	0.377	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:24	THD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.500	0.327	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:24	THD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.500	0.347	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:24	THD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.500	0.283	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:24	THD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.500	0.311	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:24	THD
78-93-3	2-Butanone	ND		ug/L	0.500	0.421	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:24	THD
591-78-6	2-Hexanone	ND		ug/L	0.500	0.320	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:24	THD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.500	0.365	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:24	THD
67-64-1	Acetone	ND		ug/L	2.00	1.34	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:24	THD
107-02-8	Acrolein	ND	ICVE	ug/L	0.500	0.447	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:24	THD
107-13-1	Acrylonitrile	ND		ug/L	0.500	0.422	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:24	THD
71-43-2	Benzene	ND		ug/L	0.500	0.279	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:24	THD
74-97-5	Bromochloromethane	ND		ug/L	0.500	0.354	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:24	THD
75-27-4	Bromodichloromethane	ND		ug/L	0.500	0.245	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:24	THD
75-25-2	Bromoform	ND		ug/L	0.500	0.163	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:24	THD
74-83-9	Bromomethane	ND	CCVE	ug/L	2.00	0.500	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:24	THD
75-15-0	Carbon disulfide	ND		ug/L	0.500	0.362	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:24	THD
56-23-5	Carbon tetrachloride	ND		ug/L	0.500	0.204	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:24	THD
108-90-7	Chlorobenzene	ND		ug/L	0.500	0.284	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:24	THD
75-00-3	Chloroethane	ND		ug/L	0.500	0.448	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:24	THD
67-66-3	Chloroform	ND		ug/L	0.500	0.243	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:24	THD
74-87-3	Chloromethane	ND	CCVE	ug/L	0.500	0.372	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:24	THD

Sample Information

Client Sample ID: MW-14 (2026 27 02)			Sample ID: 26B1152-05	
Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26B1152	230051-170 Freeman Rd Brooklyn NY	Ground Water	February 27, 2026 12:25 pm	02/27/2026

Volatile Organic Compounds by GC/MS

Sample Prepared by Method: EPA 5030B				Results Reported to MDL							
CAS No.	Parameter	Result	Flag	Units	RL	MDL	Dilution	Reference Method	Prepared	Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.500	0.294	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:24	THD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.500	0.262	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:24	THD
110-82-7	Cyclohexane	ND		ug/L	0.500	0.491	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:24	THD
124-48-1	Dibromochloromethane	ND		ug/L	0.500	0.146	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:24	THD
74-95-3	Dibromomethane	ND		ug/L	0.500	0.203	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:24	THD
75-71-8	Dichlorodifluoromethane	ND	CCVE, ICVE, QL-02	ug/L	0.500	0.451	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:24	THD
100-41-4	Ethyl Benzene	ND		ug/L	0.500	0.290	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:24	THD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	0.241	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:24	THD
98-82-8	Isopropylbenzene	ND		ug/L	0.500	0.405	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:24	THD
79-20-9	Methyl acetate	ND		ug/L	0.500	0.442	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:24	THD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	ICVE	ug/L	0.500	0.244	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:24	THD
108-87-2	Methylcyclohexane	ND		ug/L	0.500	0.477	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:24	THD
75-09-2	Methylene chloride	ND	CCVE	ug/L	2.00	0.397	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:24	THD
104-51-8	n-Butylbenzene	ND		ug/L	0.500	0.399	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:24	THD
103-65-1	n-Propylbenzene	ND		ug/L	0.500	0.384	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:24	THD
95-47-6	o-Xylene	ND		ug/L	0.500	0.261	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:24	THD
179601-23-1	p- & m- Xylenes	ND		ug/L	1.00	0.578	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:24	THD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.500	0.377	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:24	THD
135-98-8	sec-Butylbenzene	ND		ug/L	0.500	0.444	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:24	THD
100-42-5	Styrene	ND		ug/L	0.500	0.255	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:24	THD
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE	ug/L	1.00	0.608	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:24	THD
98-06-6	tert-Butylbenzene	ND		ug/L	0.500	0.367	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:24	THD
127-18-4	Tetrachloroethylene	ND		ug/L	0.500	0.239	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:24	THD
108-88-3	Toluene	ND		ug/L	0.500	0.346	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:24	THD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.500	0.279	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:24	THD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.500	0.229	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:24	THD
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.500	0.283	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:24	THD
79-01-6	Trichloroethylene	ND		ug/L	0.500	0.249	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:24	THD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.500	0.337	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:24	THD
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.500	0.469	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:24	THD
1330-20-7	Xylenes, Total	ND		ug/L	1.50	0.839	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:24	THD
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	113 %			69-130						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	105 %			79-122						
2037-26-5	Surrogate: SURR: Toluene-d8	108 %			81-117						

Data Path : C:\msdchem\1\data\VOA7-02-28-26\
 Data File : V7-55514.D
 InstName : MSVOA7
 Acq On : 28 Feb 2026 2:24 pm
 Operator : THD
 Sample : 26B1152-05 A
 Misc : 8260
 ALS Vial : 51 Sample Multiplier: 1

Quant Time: Mar 04 21:13:09 2026
 Quant Method : C:\msdchem\1\methods\Calibration\V7-8260D-R020926.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Wed Feb 11 19:02:20 2026
 Response via : Initial Calibration

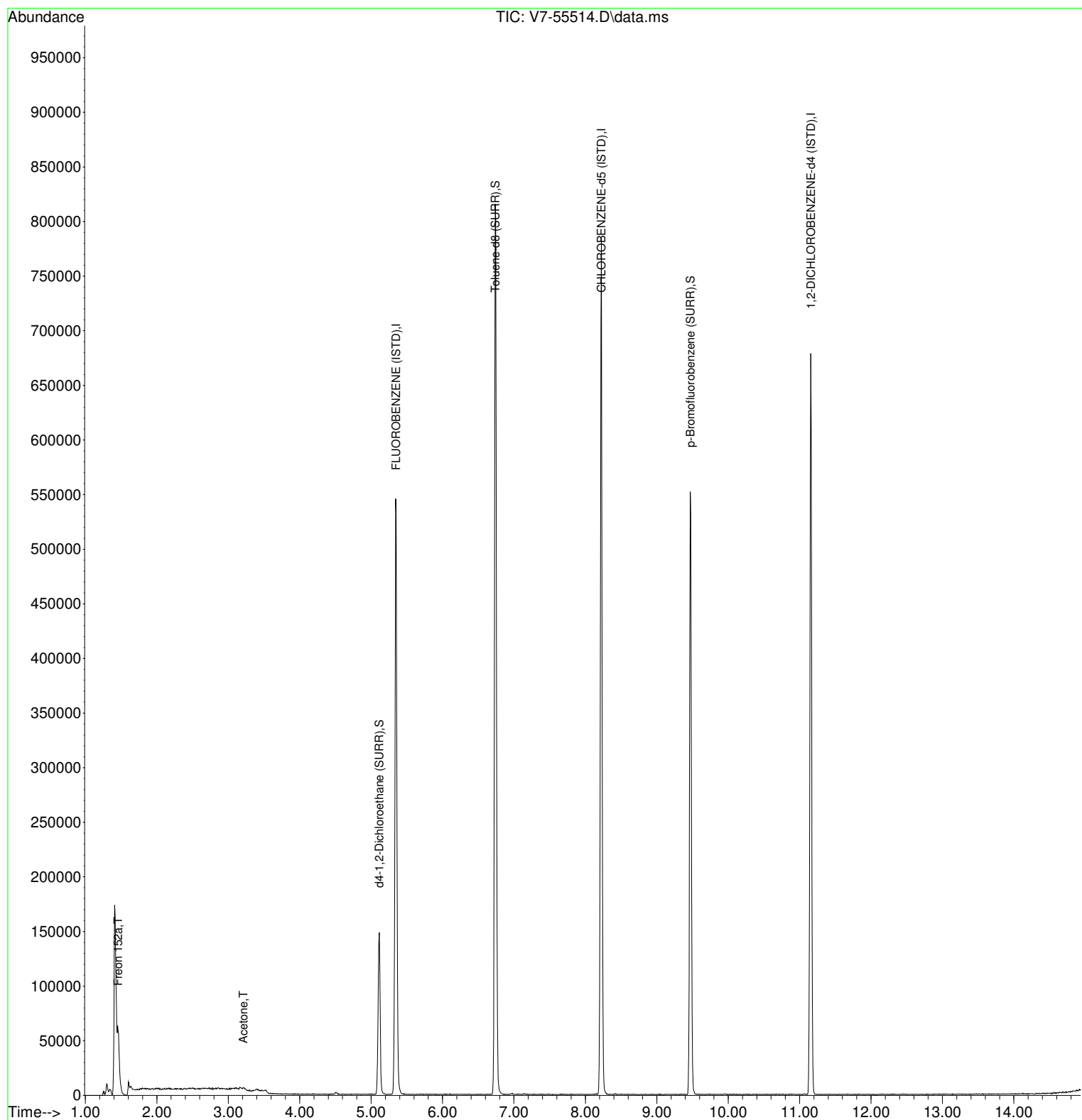
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

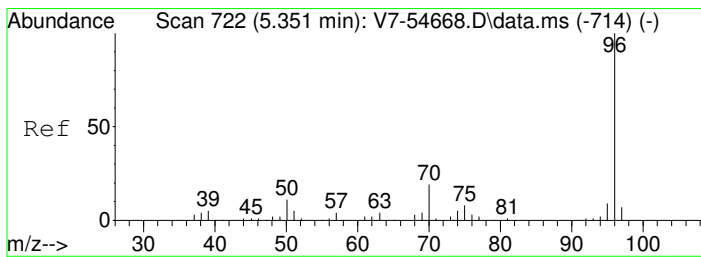
Internal Standards						
1) FLUOROBENZENE (ISTD)	5.351	50	54712	10.00	ppb	0.00
48) CHLOROBENZENE-d5 (ISTD)	8.223	54	94288	10.00	ppb	0.00
80) 1,2-DICHLOROBENZENE-d4...	11.155	152	189723	10.00	ppb	0.00
System Monitoring Compounds						
42) d4-1,2-Dichloroethane ...	5.114	65	101600	11.26	ppb	0.00
Spiked Amount 10.000	Range	69 - 130	Recovery	=	112.60%	
60) Toluene-d8 (SURR)	6.738	98	565789	10.85	ppb	0.00
Spiked Amount 10.000	Range	81 - 117	Recovery	=	108.50%	
82) p-Bromofluorobenzene (...)	9.470	95	192634	10.51	ppb	0.00
Spiked Amount 10.000	Range	79 - 122	Recovery	=	105.10%	
Target Compounds						
3) Freon 152a	1.457	65	22929	2.76	ppb	Qvalue # 24
18) Acetone	3.210	58	120	0.87	ppb	# 1

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\VOA7-02-28-26\
Data File : V7-55514.D
InstName : MSVOA7
Acq On : 28 Feb 2026 2:24 pm
Operator : THD
Sample : 26B1152-05 A
Misc : 8260
ALS Vial : 51 Sample Multiplier: 1

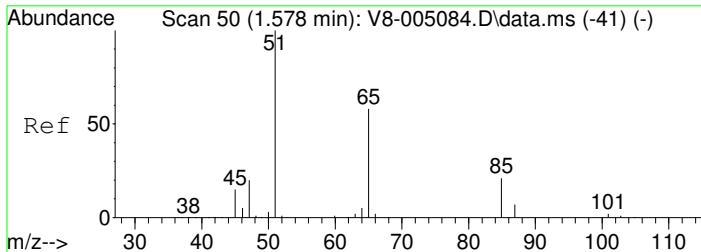
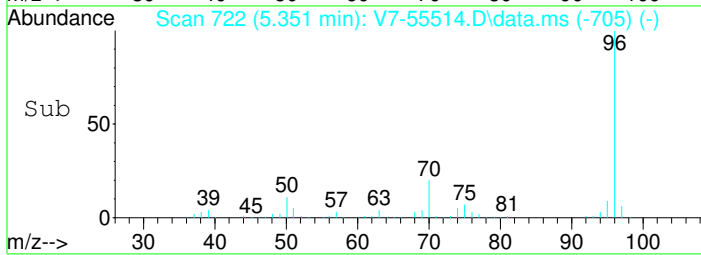
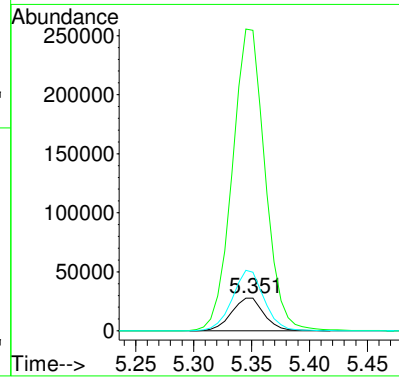
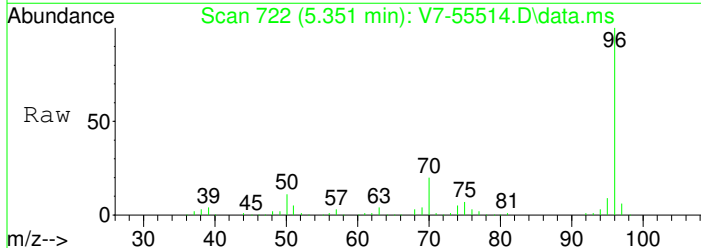
Quant Time: Mar 04 21:13:09 2026
Quant Method : C:\msdchem\1\methods\Calibration\V7-8260D-R020926.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Feb 11 19:02:20 2026
Response via : Initial Calibration





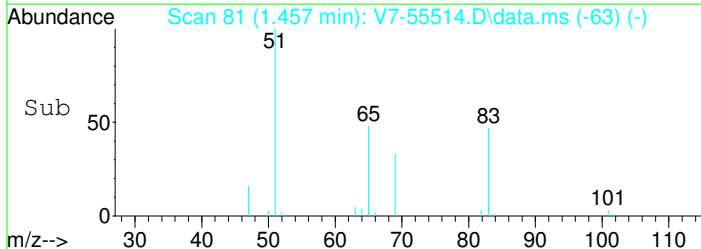
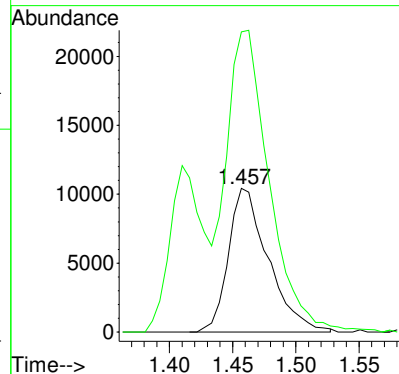
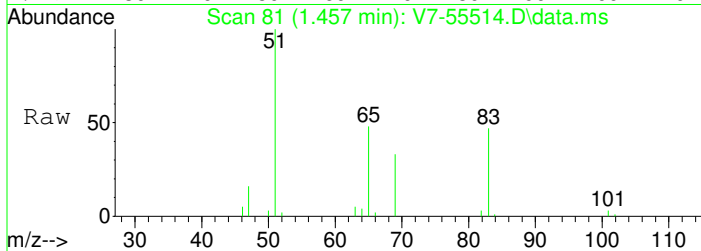
#1
 FLUOROBENZENE (ISTD)
 Concen: 10.00 ppb
 RT: 5.351 min Scan# 722
 Delta R.T. 0.006 min
 Lab File: V7-55514.D
 Acq: 28 Feb 2026 2:24 pm

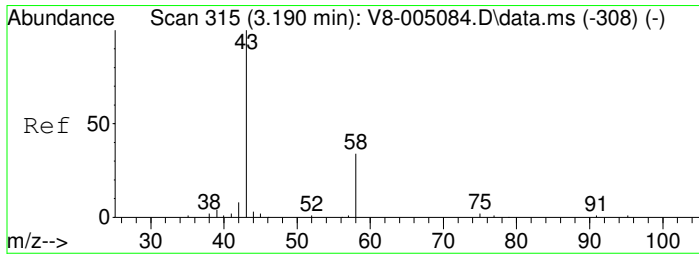
Tgt Ion	Ratio	Lower	Upper
50	100		
96	919.5	597.1	1240.1
70	179.7	118.2	245.6



#3
 Freon 152a
 Concen: 2.76 ppb
 RT: 1.457 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: V7-55514.D
 Acq: 28 Feb 2026 2:24 pm

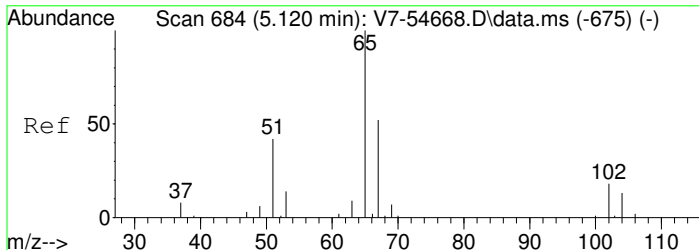
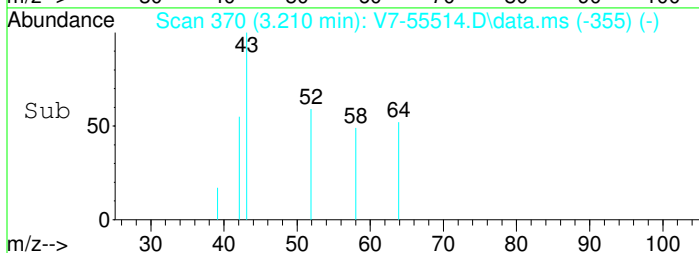
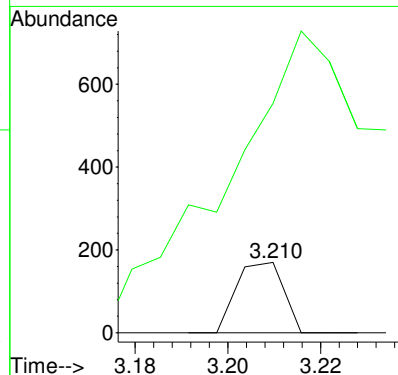
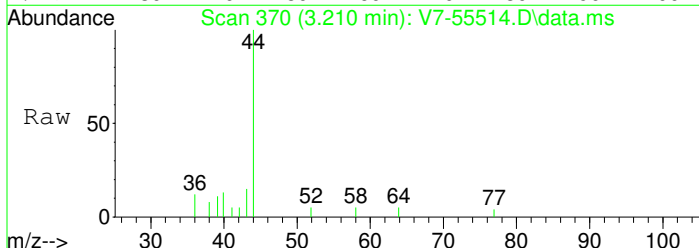
Tgt Ion	Ratio	Lower	Upper
65	100		
51	215.0	254.7	528.9#





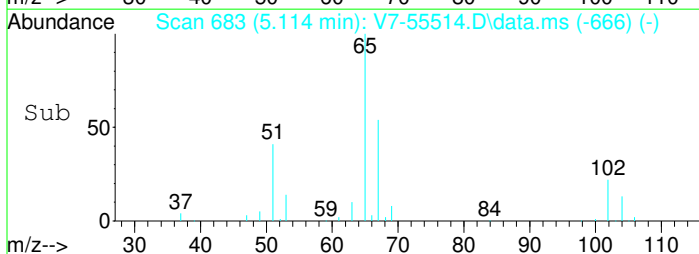
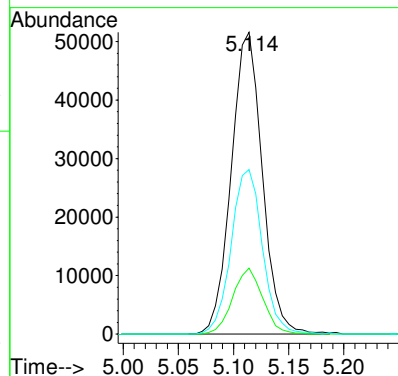
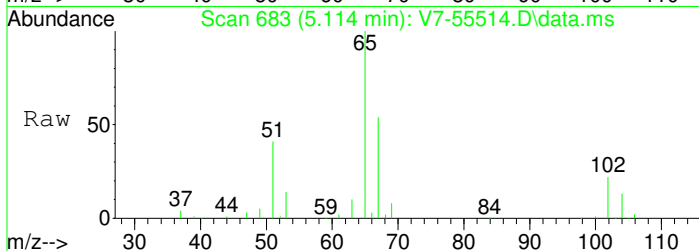
#18
Acetone
Concen: 0.87 ppb
RT: 3.210 min Scan# 370
Delta R.T. -0.006 min
Lab File: V7-55514.D
Acq: 28 Feb 2026 2:24 pm

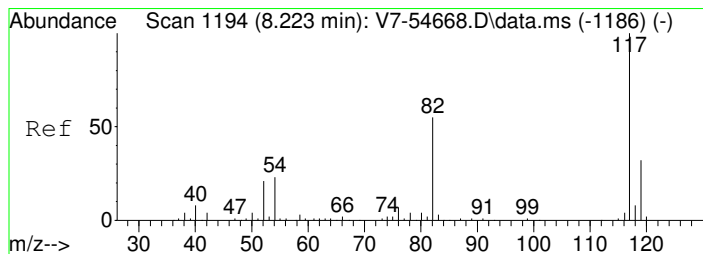
Tgt Ion: 58 Resp: 120
Ion Ratio Lower Upper
58 100
43 1467.5 184.7 383.7#



#42
d4-1,2-Dichloroethane (SURR)
Concen: 11.26 ppb
RT: 5.114 min Scan# 683
Delta R.T. 0.006 min
Lab File: V7-55514.D
Acq: 28 Feb 2026 2:24 pm

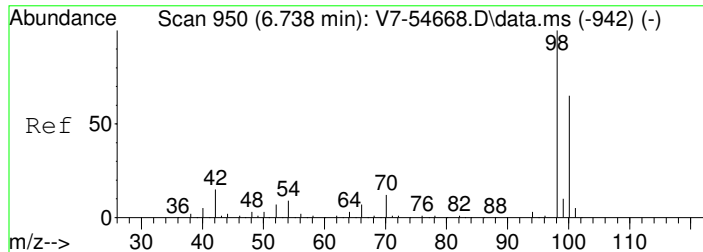
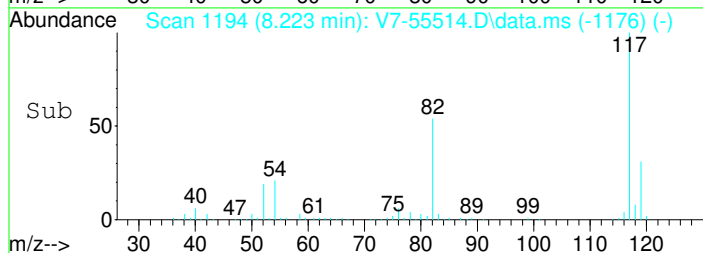
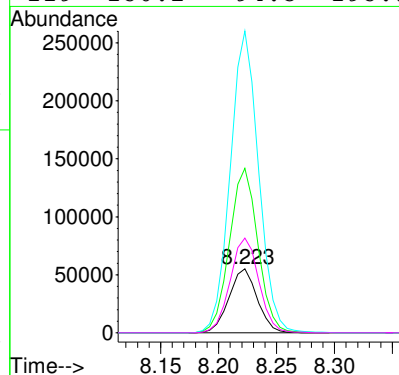
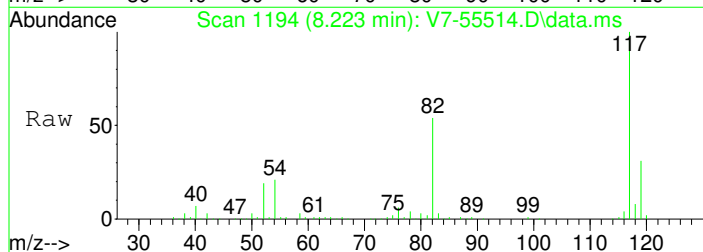
Tgt Ion: 65 Resp: 101600
Ion Ratio Lower Upper
65 100
102 21.1 14.8 30.6
67 54.8 36.5 75.9





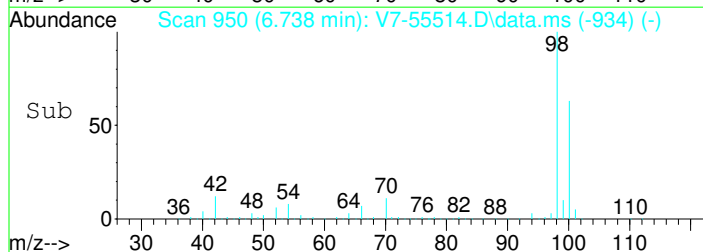
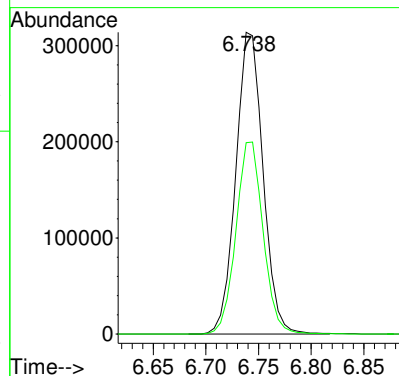
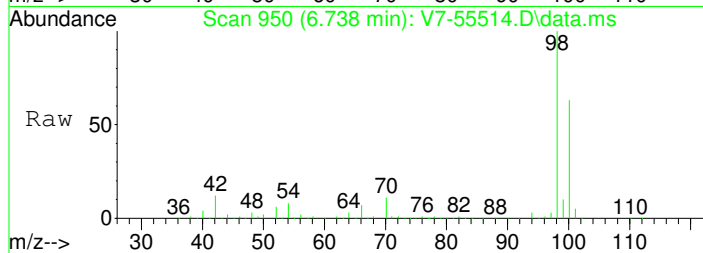
#48
 CHLOROBENZENE-d5 (ISTD)
 Concen: 10.00 ppb
 RT: 8.223 min Scan# 1194
 Delta R.T. 0.007 min
 Lab File: V7-55514.D
 Acq: 28 Feb 2026 2:24 pm

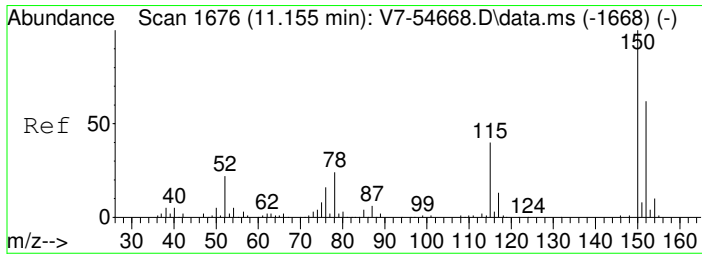
Tgt Ion:	54	Resp:	94288
Ion Ratio	Lower	Upper	
54	100		
82	257.8	160.7	333.9
117	470.6	293.7	610.1
119	150.2	94.3	195.9



#60
 Toluene-d8 (Surr)
 Concen: 10.85 ppb
 RT: 6.738 min Scan# 950
 Delta R.T. 0.000 min
 Lab File: V7-55514.D
 Acq: 28 Feb 2026 2:24 pm

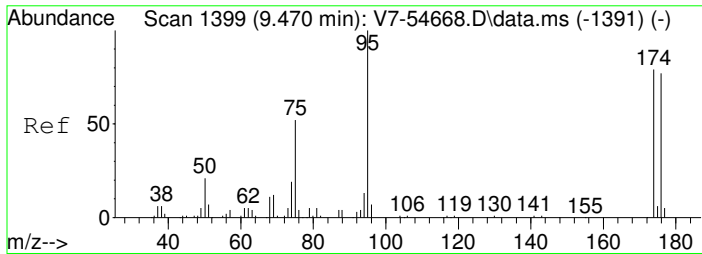
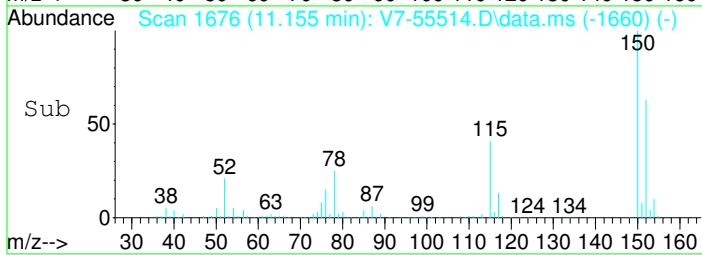
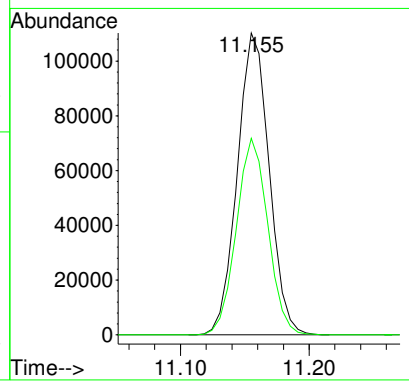
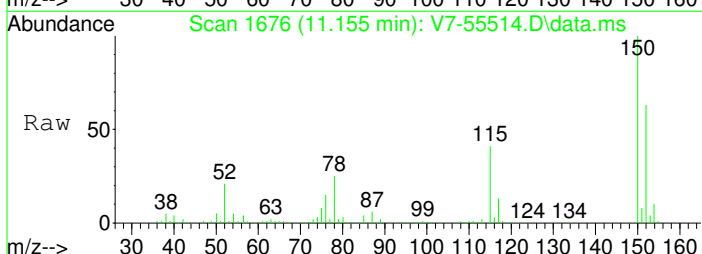
Tgt Ion:	98	Resp:	565789
Ion Ratio	Lower	Upper	
98	100		
100	63.4	42.3	87.9





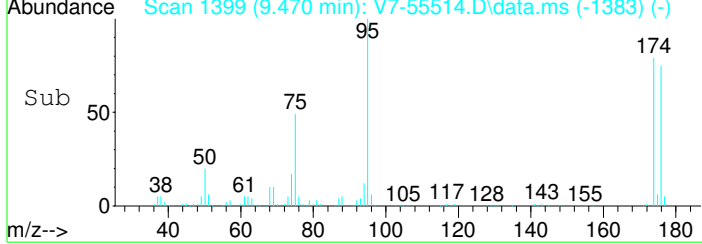
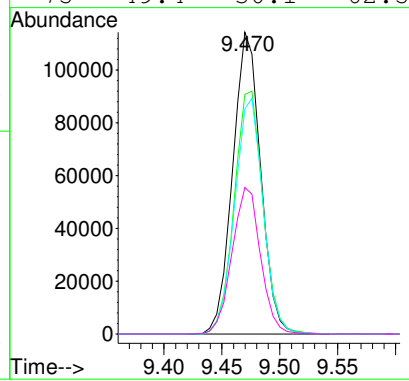
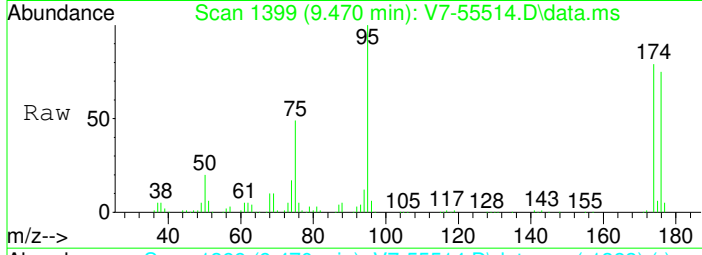
#80
 1,2-DICHLOROBENZENE-d4 (ISTD)
 Concen: 10.00 ppb
 RT: 11.155 min Scan# 1676
 Delta R.T. -0.000 min
 Lab File: V7-55514.D
 Acq: 28 Feb 2026 2:24 pm

Tgt Ion	152	Resp	189723
Ion Ratio	Lower	Upper	
152	100		
115	64.4	40.0	83.2



#82
 p-Bromofluorobenzene (SURRE)
 Concen: 10.51 ppb
 RT: 9.470 min Scan# 1399
 Delta R.T. -0.000 min
 Lab File: V7-55514.D
 Acq: 28 Feb 2026 2:24 pm

Tgt Ion	95	Resp	192634
Ion Ratio	Lower	Upper	
95	100		
174	82.8	53.5	111.1
176	79.3	52.3	108.5
75	49.4	30.1	62.5



Sample Information

Client Sample ID: MW-15 (2026 27 02)			Sample ID: 26B1152-06			
Project (SDG) No.	Client Project ID		Matrix	Collection Date/Time		Date Received
26B1152	230051-170 Freeman Rd Brooklyn NY		Ground Water	February 27, 2026 12:00 pm		02/27/2026

Volatile Organic Compounds by GC/MS

Sample Prepared by Method: EPA 5030B				Results Reported to MDL							
CAS No.	Parameter	Result	Flag	Units	RL	MDL	Dilution	Reference Method	Prepared	Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.500	0.216	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:54	THD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.500	0.266	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:54	THD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.500	0.256	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:54	THD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.500	0.286	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:54	THD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.500	0.249	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:54	THD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.500	0.272	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:54	THD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.500	0.327	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:54	THD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.500	0.222	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:54	THD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.500	0.273	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:54	THD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.500	0.138	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:54	THD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.500	0.310	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:54	THD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.500	0.432	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:54	THD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.500	0.215	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:54	THD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.500	0.270	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:54	THD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.500	0.377	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:54	THD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.500	0.327	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:54	THD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.500	0.347	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:54	THD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.500	0.283	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:54	THD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.500	0.311	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:54	THD
78-93-3	2-Butanone	ND		ug/L	0.500	0.421	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:54	THD
591-78-6	2-Hexanone	ND		ug/L	0.500	0.320	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:54	THD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.500	0.365	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:54	THD
67-64-1	Acetone	3.05	CCVE, ICVE, QL-02	ug/L	2.00	1.34	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:54	THD
107-02-8	Acrolein	ND	ICVE	ug/L	0.500	0.447	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:54	THD
107-13-1	Acrylonitrile	ND		ug/L	0.500	0.422	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:54	THD
71-43-2	Benzene	ND		ug/L	0.500	0.279	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:54	THD
74-97-5	Bromochloromethane	ND		ug/L	0.500	0.354	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:54	THD
75-27-4	Bromodichloromethane	ND		ug/L	0.500	0.245	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:54	THD
75-25-2	Bromoform	ND		ug/L	0.500	0.163	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:54	THD
74-83-9	Bromomethane	ND	CCVE	ug/L	2.00	0.500	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:54	THD
75-15-0	Carbon disulfide	ND		ug/L	0.500	0.362	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:54	THD
56-23-5	Carbon tetrachloride	ND		ug/L	0.500	0.204	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:54	THD
108-90-7	Chlorobenzene	ND		ug/L	0.500	0.284	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:54	THD
75-00-3	Chloroethane	ND		ug/L	0.500	0.448	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:54	THD
67-66-3	Chloroform	ND		ug/L	0.500	0.243	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:54	THD

Sample Information

Client Sample ID: MW-15 (2026 27 02)			Sample ID: 26B1152-06	
Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26B1152	230051-170 Freeman Rd Brooklyn NY	Ground Water	February 27, 2026 12:00 pm	02/27/2026

Volatile Organic Compounds by GC/MS

Sample Prepared by Method: EPA 5030B				Results Reported to MDL							
CAS No.	Parameter	Result	Flag	Units	RL	MDL	Dilution	Reference Method	Prepared	Analyzed	Analyst
74-87-3	Chloromethane	ND	CCVE	ug/L	0.500	0.372	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:54	THD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.500	0.294	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:54	THD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.500	0.262	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:54	THD
110-82-7	Cyclohexane	ND		ug/L	0.500	0.491	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:54	THD
124-48-1	Dibromochloromethane	ND		ug/L	0.500	0.146	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:54	THD
74-95-3	Dibromomethane	ND	QL-02, CCVE, ICVE	ug/L	0.500	0.203	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:54	THD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.500	0.451	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:54	THD
100-41-4	Ethyl Benzene	ND		ug/L	0.500	0.290	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:54	THD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	0.241	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:54	THD
98-82-8	Isopropylbenzene	ND		ug/L	0.500	0.405	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:54	THD
79-20-9	Methyl acetate	ND	ICVE	ug/L	0.500	0.442	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:54	THD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.500	0.244	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:54	THD
108-87-2	Methylcyclohexane	ND		ug/L	0.500	0.477	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:54	THD
75-09-2	Methylene chloride	ND		ug/L	2.00	0.397	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:54	THD
104-51-8	n-Butylbenzene	ND		ug/L	0.500	0.399	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:54	THD
103-65-1	n-Propylbenzene	ND	CCVE	ug/L	0.500	0.384	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:54	THD
95-47-6	o-Xylene	ND		ug/L	0.500	0.261	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:54	THD
179601-23-1	p- & m- Xylenes	ND		ug/L	1.00	0.578	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:54	THD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.500	0.377	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:54	THD
135-98-8	sec-Butylbenzene	ND		ug/L	0.500	0.444	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:54	THD
100-42-5	Styrene	ND	CCVE	ug/L	0.500	0.255	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:54	THD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	1.00	0.608	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:54	THD
98-06-6	tert-Butylbenzene	ND		ug/L	0.500	0.367	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:54	THD
127-18-4	Tetrachloroethylene	ND		ug/L	0.500	0.239	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:54	THD
108-88-3	Toluene	ND		ug/L	0.500	0.346	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:54	THD
156-60-5	trans-1,2-Dichloroethylene	ND	CCVE	ug/L	0.500	0.279	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:54	THD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.500	0.229	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:54	THD
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.500	0.283	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:54	THD
79-01-6	Trichloroethylene	ND		ug/L	0.500	0.249	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:54	THD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.500	0.337	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:54	THD
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.500	0.469	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:54	THD
1330-20-7	Xylenes, Total	ND		ug/L	1.50	0.839	1	EPA 8260D	02/28/2026 07:00	02/28/2026 14:54	THD
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	119 %			69-130						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	105 %			79-122						
2037-26-5	Surrogate: SURR: Toluene-d8	107 %			81-117						

Data Path : C:\msdchem\1\data\VOA7-02-28-26\
 Data File : V7-55515.D
 InstName : MSVOA7
 Acq On : 28 Feb 2026 2:54 pm
 Operator : THD
 Sample : 26B1152-06 A
 Misc : 8260
 ALS Vial : 52 Sample Multiplier: 1

Quant Time: Mar 04 21:14:26 2026
 Quant Method : C:\msdchem\1\methods\Calibration\V7-8260D-R020926.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Wed Feb 11 19:02:20 2026
 Response via : Initial Calibration

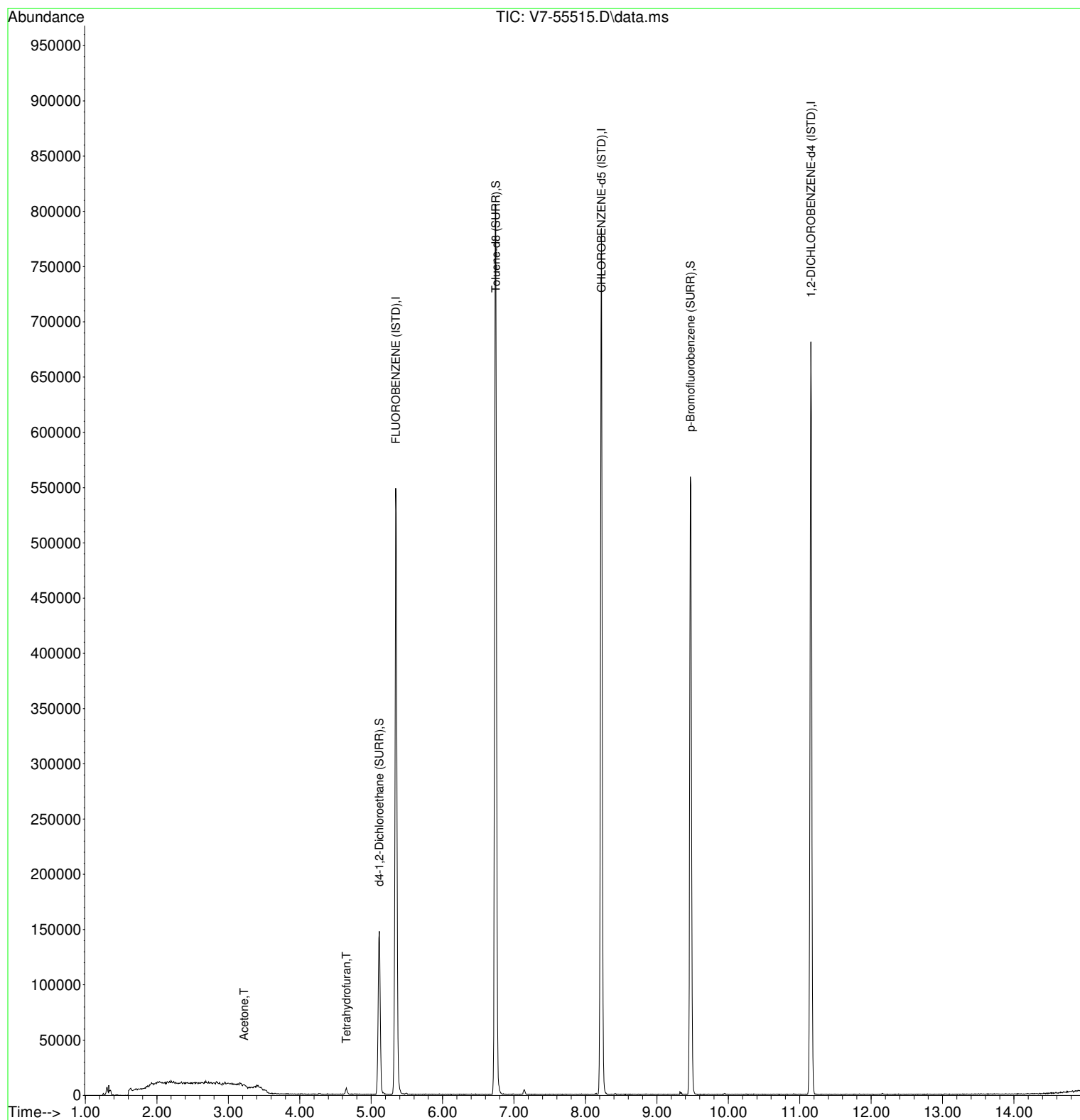
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

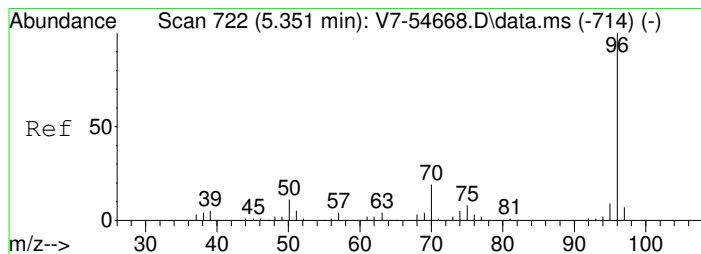
Internal Standards						
1) FLUOROBENZENE (ISTD)	5.345	50	54078	10.00	ppb	0.00
48) CHLOROBENZENE-d5 (ISTD)	8.223	54	95334	10.00	ppb	0.00
80) 1,2-DICHLOROBENZENE-d4...	11.155	152	191929	10.00	ppb	0.00
System Monitoring Compounds						
42) d4-1,2-Dichloroethane ...	5.114	65	106376	11.93	ppb	0.00
Spiked Amount 10.000	Range	69 - 130	Recovery	=	119.30%	
60) Toluene-d8 (SURR)	6.744	98	564509	10.70	ppb	0.00
Spiked Amount 10.000	Range	81 - 117	Recovery	=	107.00%	
82) p-Bromofluorobenzene (...)	9.470	95	194945	10.51	ppb	0.00
Spiked Amount 10.000	Range	79 - 122	Recovery	=	105.10%	
Target Compounds						
18) Acetone	3.222	58	418	3.05	ppb	Qvalue # 12
36) Tetrahydrofuran	4.652	71	1138	1.61	ppb	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\VOA7-02-28-26\
Data File : V7-55515.D
InstName : MSVOA7
Acq On : 28 Feb 2026 2:54 pm
Operator : THD
Sample : 26B1152-06 A
Misc : 8260
ALS Vial : 52 Sample Multiplier: 1

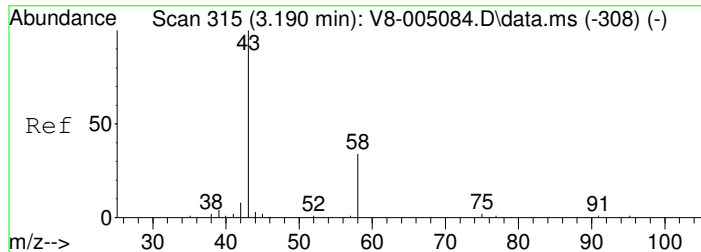
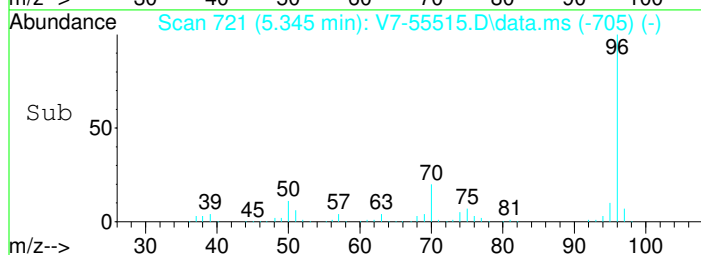
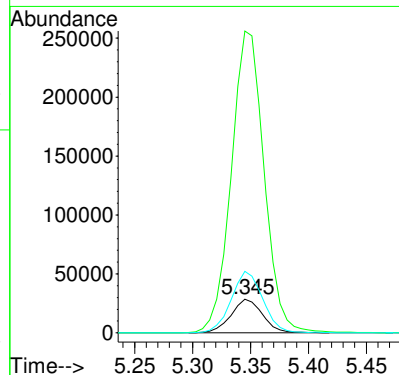
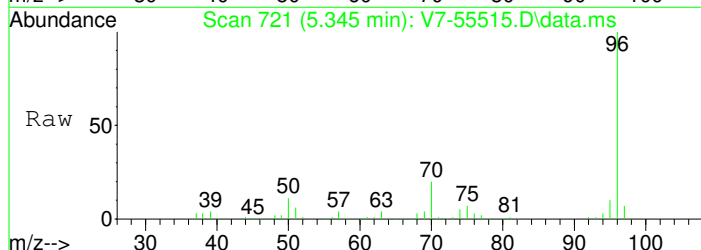
Quant Time: Mar 04 21:14:26 2026
Quant Method : C:\msdchem\1\methods\Calibration\V7-8260D-R020926.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Feb 11 19:02:20 2026
Response via : Initial Calibration





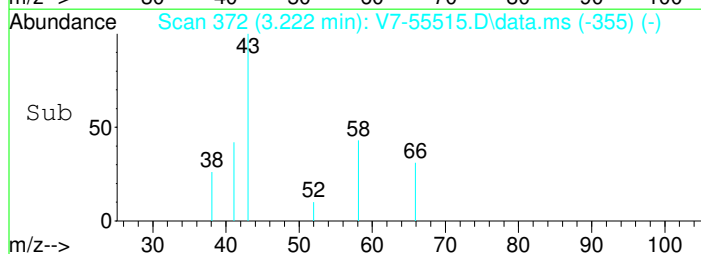
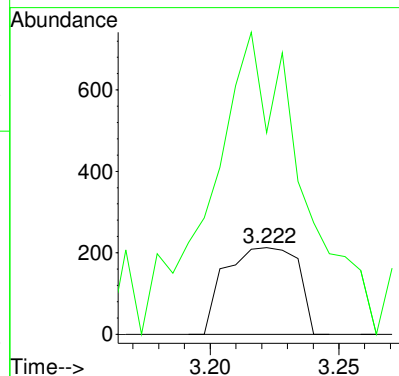
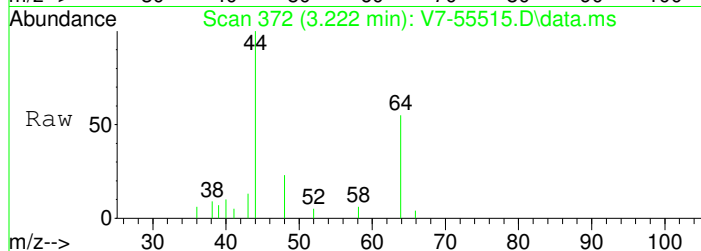
#1
 FLUOROBENZENE (ISTD)
 Concen: 10.00 ppb
 RT: 5.345 min Scan# 721
 Delta R.T. 0.000 min
 Lab File: V7-55515.D
 Acq: 28 Feb 2026 2:54 pm

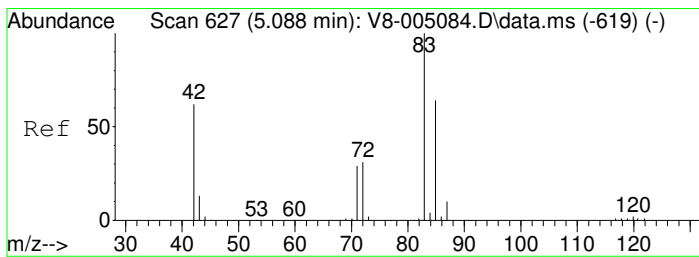
Tgt Ion	Ratio	Lower	Upper
50	100		
96	932.4	597.1	1240.1
70	183.8	118.2	245.6



#18
 Acetone
 Concen: 3.05 ppb
 RT: 3.222 min Scan# 372
 Delta R.T. 0.006 min
 Lab File: V7-55515.D
 Acq: 28 Feb 2026 2:54 pm

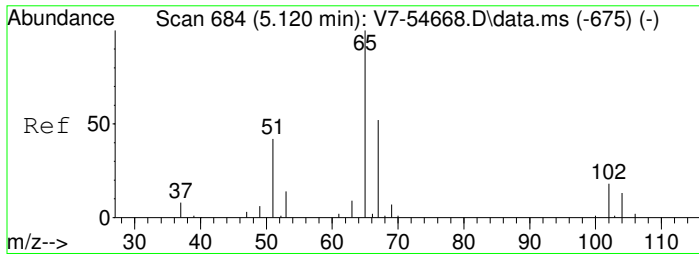
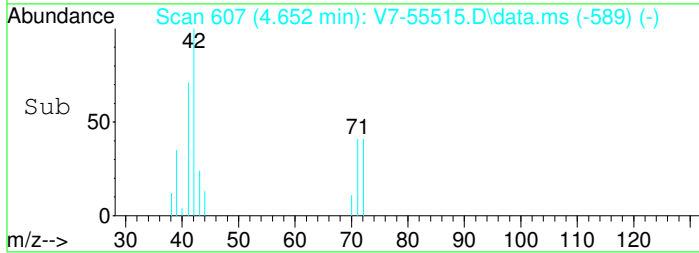
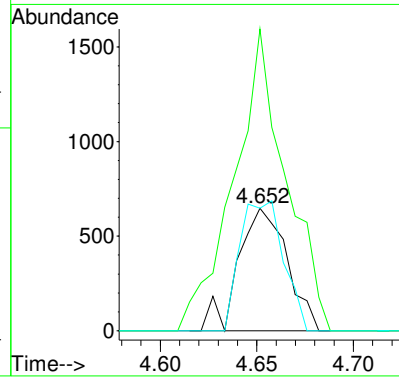
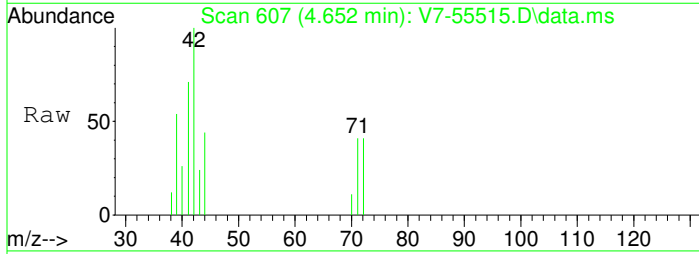
Tgt Ion	Ratio	Lower	Upper
58	100		
43	451.0	184.7	383.7#





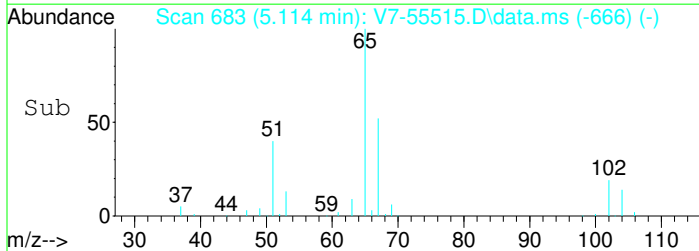
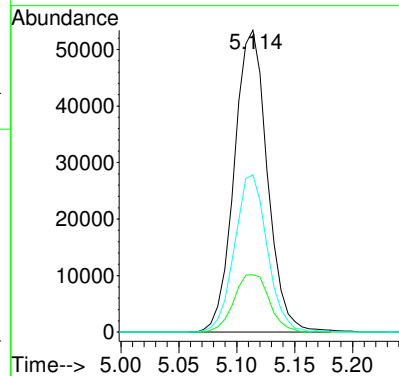
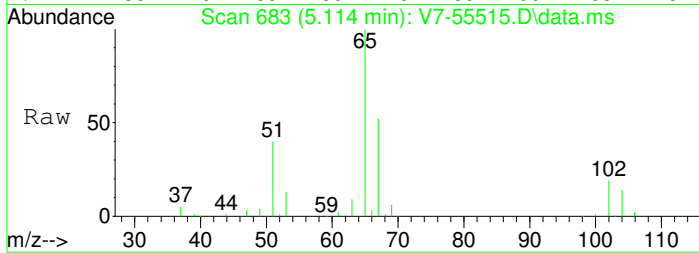
#36
Tetrahydrofuran
Concen: 1.61 ppb
RT: 4.652 min Scan# 607
Delta R.T. 0.007 min
Lab File: V7-55515.D
Acq: 28 Feb 2026 2:54 pm

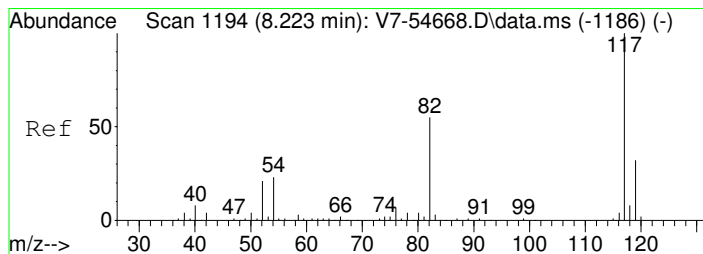
Tgt Ion: 71 Resp: 1138
Ion Ratio Lower Upper
71 100
42 261.6 164.1 340.9
72 95.0 72.4 150.4



#42
d4-1,2-Dichloroethane (SURR)
Concen: 11.93 ppb
RT: 5.114 min Scan# 683
Delta R.T. 0.006 min
Lab File: V7-55515.D
Acq: 28 Feb 2026 2:54 pm

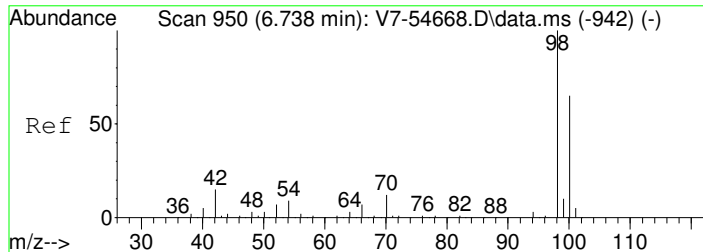
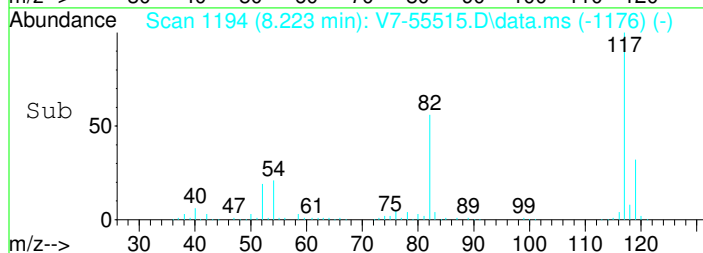
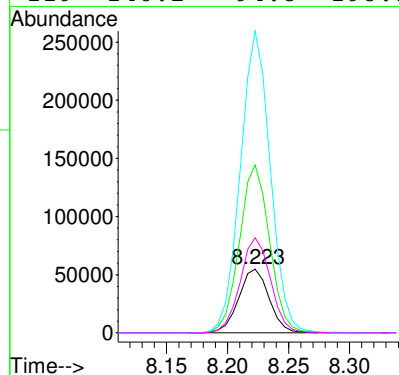
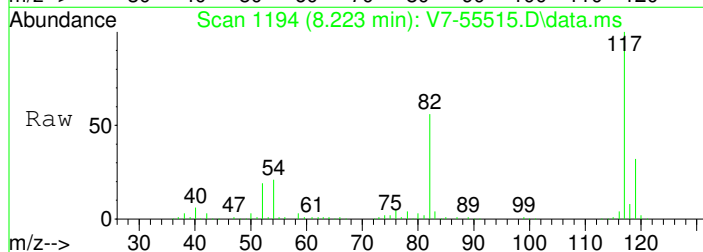
Tgt Ion: 65 Resp: 106376
Ion Ratio Lower Upper
65 100
102 20.3 14.8 30.6
67 51.6 36.5 75.9





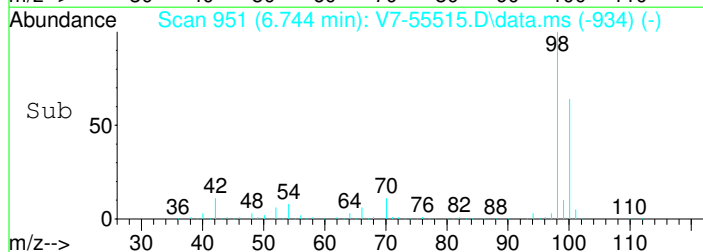
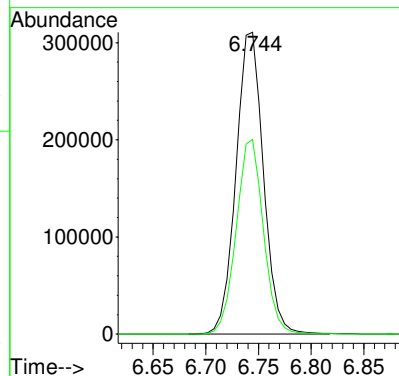
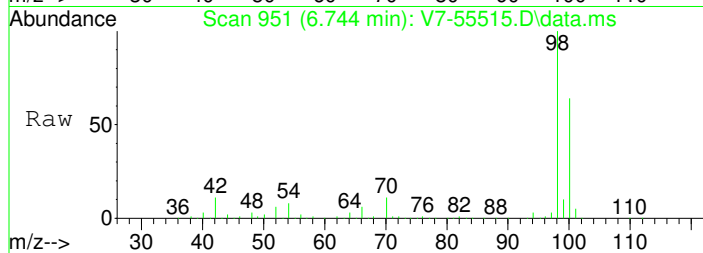
#48
 CHLOROBENZENE-d5 (ISTD)
 Concen: 10.00 ppb
 RT: 8.223 min Scan# 1194
 Delta R.T. 0.007 min
 Lab File: V7-55515.D
 Acq: 28 Feb 2026 2:54 pm

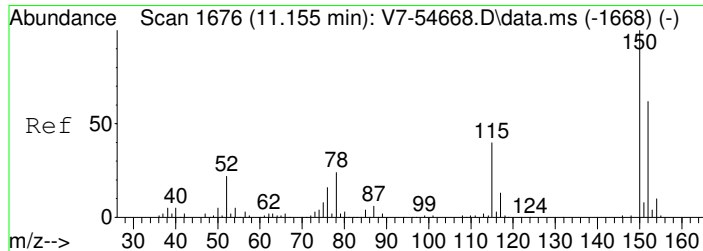
Tgt Ion:	54	Resp:	95334
Ion Ratio	Lower	Upper	
54	100		
82	259.9	160.7	333.9
117	465.2	293.7	610.1
119	148.2	94.3	195.9



#60
 Toluene-d8 (SURRE)
 Concen: 10.70 ppb
 RT: 6.744 min Scan# 951
 Delta R.T. 0.006 min
 Lab File: V7-55515.D
 Acq: 28 Feb 2026 2:54 pm

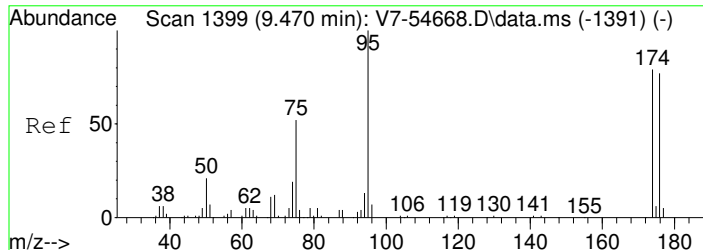
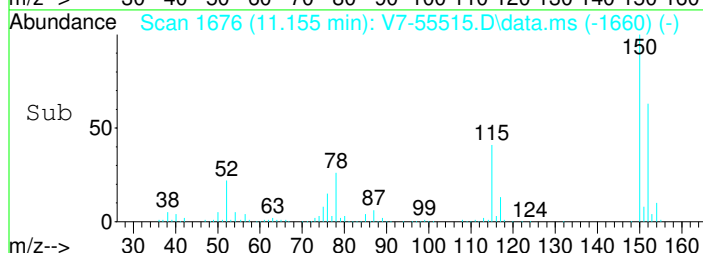
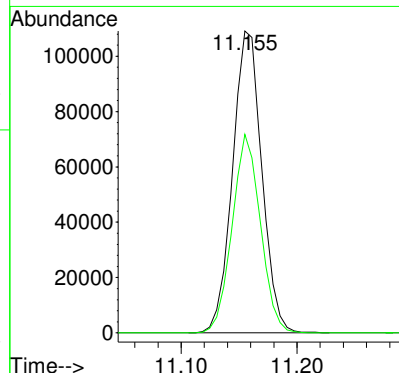
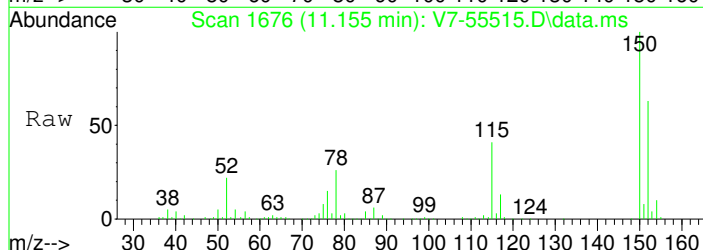
Tgt Ion:	98	Resp:	564509
Ion Ratio	Lower	Upper	
98	100		
100	63.7	42.3	87.9





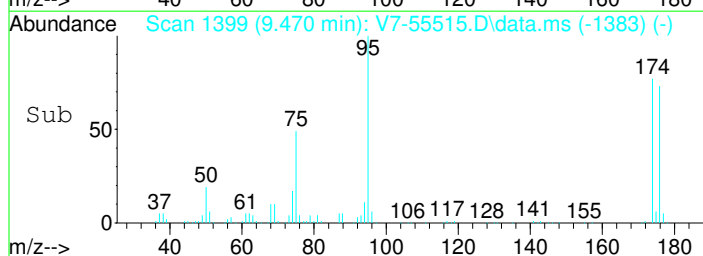
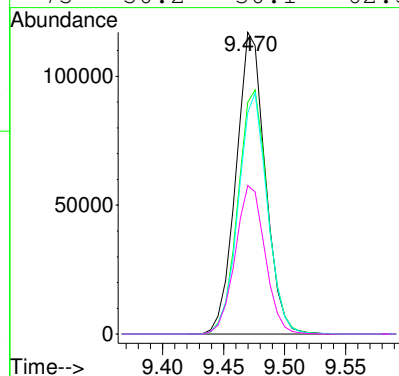
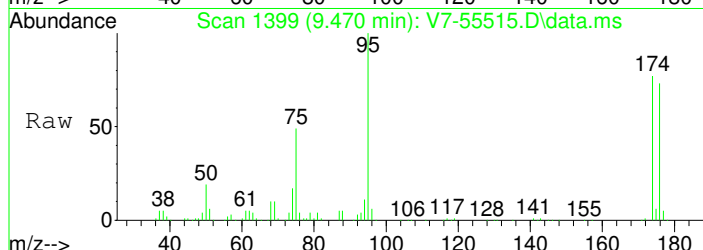
#80
1,2-DICHLOROBENZENE-d4 (ISTD)
Concen: 10.00 ppb
RT: 11.155 min Scan# 1676
Delta R.T. -0.000 min
Lab File: V7-55515.D
Acq: 28 Feb 2026 2:54 pm

Tgt Ion: 152 Resp: 191929
Ion Ratio Lower Upper
152 100
115 63.5 40.0 83.2



#82
p-Bromofluorobenzene (SURRE)
Concen: 10.51 ppb
RT: 9.470 min Scan# 1399
Delta R.T. -0.000 min
Lab File: V7-55515.D
Acq: 28 Feb 2026 2:54 pm

Tgt Ion: 95 Resp: 194945
Ion Ratio Lower Upper
95 100
174 82.0 53.5 111.1
176 79.1 52.3 108.5
75 50.2 30.1 62.5



Sample Information

Client Sample ID: FB (2026 27 02)			Sample ID: 26B1152-07			
Project (SDG) No.	Client Project ID		Matrix	Collection Date/Time		Date Received
26B1152	230051-170 Freeman Rd Brooklyn NY		Ground Water	February 27, 2026 1:05 pm		02/27/2026

Volatile Organic Compounds by GC/MS

Sample Prepared by Method: EPA 5030B				Results Reported to MDL							
CAS No.	Parameter	Result	Flag	Units	RL	MDL	Dilution	Reference Method	Prepared	Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.500	0.216	1	EPA 8260D	02/28/2026 07:00	02/28/2026 15:24	THD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.500	0.266	1	EPA 8260D	02/28/2026 07:00	02/28/2026 15:24	THD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.500	0.256	1	EPA 8260D	02/28/2026 07:00	02/28/2026 15:24	THD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.500	0.286	1	EPA 8260D	02/28/2026 07:00	02/28/2026 15:24	THD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.500	0.249	1	EPA 8260D	02/28/2026 07:00	02/28/2026 15:24	THD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.500	0.272	1	EPA 8260D	02/28/2026 07:00	02/28/2026 15:24	THD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.500	0.327	1	EPA 8260D	02/28/2026 07:00	02/28/2026 15:24	THD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.500	0.222	1	EPA 8260D	02/28/2026 07:00	02/28/2026 15:24	THD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.500	0.273	1	EPA 8260D	02/28/2026 07:00	02/28/2026 15:24	THD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.500	0.138	1	EPA 8260D	02/28/2026 07:00	02/28/2026 15:24	THD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.500	0.310	1	EPA 8260D	02/28/2026 07:00	02/28/2026 15:24	THD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.500	0.432	1	EPA 8260D	02/28/2026 07:00	02/28/2026 15:24	THD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.500	0.215	1	EPA 8260D	02/28/2026 07:00	02/28/2026 15:24	THD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.500	0.270	1	EPA 8260D	02/28/2026 07:00	02/28/2026 15:24	THD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.500	0.377	1	EPA 8260D	02/28/2026 07:00	02/28/2026 15:24	THD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.500	0.327	1	EPA 8260D	02/28/2026 07:00	02/28/2026 15:24	THD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.500	0.347	1	EPA 8260D	02/28/2026 07:00	02/28/2026 15:24	THD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.500	0.283	1	EPA 8260D	02/28/2026 07:00	02/28/2026 15:24	THD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.500	0.311	1	EPA 8260D	02/28/2026 07:00	02/28/2026 15:24	THD
78-93-3	2-Butanone	ND		ug/L	0.500	0.421	1	EPA 8260D	02/28/2026 07:00	02/28/2026 15:24	THD
591-78-6	2-Hexanone	ND		ug/L	0.500	0.320	1	EPA 8260D	02/28/2026 07:00	02/28/2026 15:24	THD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.500	0.365	1	EPA 8260D	02/28/2026 07:00	02/28/2026 15:24	THD
67-64-1	Acetone	1.62	J	ug/L	2.00	1.34	1	EPA 8260D	02/28/2026 07:00	02/28/2026 15:24	THD
107-02-8	Acrolein	ND	ICVE	ug/L	0.500	0.447	1	EPA 8260D	02/28/2026 07:00	02/28/2026 15:24	THD
107-13-1	Acrylonitrile	ND		ug/L	0.500	0.422	1	EPA 8260D	02/28/2026 07:00	02/28/2026 15:24	THD
71-43-2	Benzene	ND		ug/L	0.500	0.279	1	EPA 8260D	02/28/2026 07:00	02/28/2026 15:24	THD
74-97-5	Bromochloromethane	ND		ug/L	0.500	0.354	1	EPA 8260D	02/28/2026 07:00	02/28/2026 15:24	THD
75-27-4	Bromodichloromethane	0.660		ug/L	0.500	0.245	1	EPA 8260D	02/28/2026 07:00	02/28/2026 15:24	THD
75-25-2	Bromoform	ND		ug/L	0.500	0.163	1	EPA 8260D	02/28/2026 07:00	02/28/2026 15:24	THD
74-83-9	Bromomethane	ND	CCVE	ug/L	2.00	0.500	1	EPA 8260D	02/28/2026 07:00	02/28/2026 15:24	THD
75-15-0	Carbon disulfide	0.620		ug/L	0.500	0.362	1	EPA 8260D	02/28/2026 07:00	02/28/2026 15:24	THD
56-23-5	Carbon tetrachloride	ND		ug/L	0.500	0.204	1	EPA 8260D	02/28/2026 07:00	02/28/2026 15:24	THD
108-90-7	Chlorobenzene	ND		ug/L	0.500	0.284	1	EPA 8260D	02/28/2026 07:00	02/28/2026 15:24	THD
75-00-3	Chloroethane	ND		ug/L	0.500	0.448	1	EPA 8260D	02/28/2026 07:00	02/28/2026 15:24	THD
67-66-3	Chloroform	28.4		ug/L	0.500	0.243	1	EPA 8260D	02/28/2026 07:00	02/28/2026 15:24	THD
74-87-3	Chloromethane	ND	CCVE	ug/L	0.500	0.372	1	EPA 8260D	02/28/2026 07:00	02/28/2026 15:24	THD

Sample Information

Client Sample ID: FB (2026 27 02)			Sample ID: 26B1152-07			
Project (SDG) No.	Client Project ID		Matrix	Collection Date/Time		Date Received
26B1152	230051-170 Freeman Rd Brooklyn NY		Ground Water	February 27, 2026 1:05 pm		02/27/2026

Volatile Organic Compounds by GC/MS

Sample Prepared by Method: EPA 5030B				Results Reported to MDL							
CAS No.	Parameter	Result	Flag	Units	RL	MDL	Dilution	Reference Method	Prepared	Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.500	0.294	1	EPA 8260D	02/28/2026 07:00	02/28/2026 15:24	THD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.500	0.262	1	EPA 8260D	02/28/2026 07:00	02/28/2026 15:24	THD
110-82-7	Cyclohexane	ND		ug/L	0.500	0.491	1	EPA 8260D	02/28/2026 07:00	02/28/2026 15:24	THD
124-48-1	Dibromochloromethane	ND		ug/L	0.500	0.146	1	EPA 8260D	02/28/2026 07:00	02/28/2026 15:24	THD
74-95-3	Dibromomethane	ND		ug/L	0.500	0.203	1	EPA 8260D	02/28/2026 07:00	02/28/2026 15:24	THD
75-71-8	Dichlorodifluoromethane	ND	CCVE, ICVE, QL-02	ug/L	0.500	0.451	1	EPA 8260D	02/28/2026 07:00	02/28/2026 15:24	THD
100-41-4	Ethyl Benzene	ND		ug/L	0.500	0.290	1	EPA 8260D	02/28/2026 07:00	02/28/2026 15:24	THD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	0.241	1	EPA 8260D	02/28/2026 07:00	02/28/2026 15:24	THD
98-82-8	Isopropylbenzene	ND		ug/L	0.500	0.405	1	EPA 8260D	02/28/2026 07:00	02/28/2026 15:24	THD
79-20-9	Methyl acetate	ND		ug/L	0.500	0.442	1	EPA 8260D	02/28/2026 07:00	02/28/2026 15:24	THD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	ICVE	ug/L	0.500	0.244	1	EPA 8260D	02/28/2026 07:00	02/28/2026 15:24	THD
108-87-2	Methylcyclohexane	ND		ug/L	0.500	0.477	1	EPA 8260D	02/28/2026 07:00	02/28/2026 15:24	THD
75-09-2	Methylene chloride	ND	CCVE	ug/L	2.00	0.397	1	EPA 8260D	02/28/2026 07:00	02/28/2026 15:24	THD
104-51-8	n-Butylbenzene	ND		ug/L	0.500	0.399	1	EPA 8260D	02/28/2026 07:00	02/28/2026 15:24	THD
103-65-1	n-Propylbenzene	ND		ug/L	0.500	0.384	1	EPA 8260D	02/28/2026 07:00	02/28/2026 15:24	THD
95-47-6	o-Xylene	ND		ug/L	0.500	0.261	1	EPA 8260D	02/28/2026 07:00	02/28/2026 15:24	THD
179601-23-1	p- & m- Xylenes	ND		ug/L	1.00	0.578	1	EPA 8260D	02/28/2026 07:00	02/28/2026 15:24	THD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.500	0.377	1	EPA 8260D	02/28/2026 07:00	02/28/2026 15:24	THD
135-98-8	sec-Butylbenzene	ND		ug/L	0.500	0.444	1	EPA 8260D	02/28/2026 07:00	02/28/2026 15:24	THD
100-42-5	Styrene	ND		ug/L	0.500	0.255	1	EPA 8260D	02/28/2026 07:00	02/28/2026 15:24	THD
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE	ug/L	1.00	0.608	1	EPA 8260D	02/28/2026 07:00	02/28/2026 15:24	THD
98-06-6	tert-Butylbenzene	ND		ug/L	0.500	0.367	1	EPA 8260D	02/28/2026 07:00	02/28/2026 15:24	THD
127-18-4	Tetrachloroethylene	ND		ug/L	0.500	0.239	1	EPA 8260D	02/28/2026 07:00	02/28/2026 15:24	THD
108-88-3	Toluene	ND		ug/L	0.500	0.346	1	EPA 8260D	02/28/2026 07:00	02/28/2026 15:24	THD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.500	0.279	1	EPA 8260D	02/28/2026 07:00	02/28/2026 15:24	THD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.500	0.229	1	EPA 8260D	02/28/2026 07:00	02/28/2026 15:24	THD
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.500	0.283	1	EPA 8260D	02/28/2026 07:00	02/28/2026 15:24	THD
79-01-6	Trichloroethylene	ND		ug/L	0.500	0.249	1	EPA 8260D	02/28/2026 07:00	02/28/2026 15:24	THD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.500	0.337	1	EPA 8260D	02/28/2026 07:00	02/28/2026 15:24	THD
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.500	0.469	1	EPA 8260D	02/28/2026 07:00	02/28/2026 15:24	THD
1330-20-7	Xylenes, Total	ND		ug/L	1.50	0.839	1	EPA 8260D	02/28/2026 07:00	02/28/2026 15:24	THD
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	116 %			69-130						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	106 %			79-122						
2037-26-5	Surrogate: SURR: Toluene-d8	108 %			81-117						

Data Path : C:\msdchem\1\data\VOA7-02-28-26\
 Data File : V7-55516.D
 InstName : MSVOA7
 Acq On : 28 Feb 2026 3:24 pm
 Operator : THD
 Sample : 26B1152-07 A
 Misc : 8260
 ALS Vial : 53 Sample Multiplier: 1

Quant Time: Mar 04 21:36:39 2026
 Quant Method : C:\msdchem\1\methods\Calibration\V7-8260D-R020926.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Wed Feb 11 19:02:20 2026
 Response via : Initial Calibration

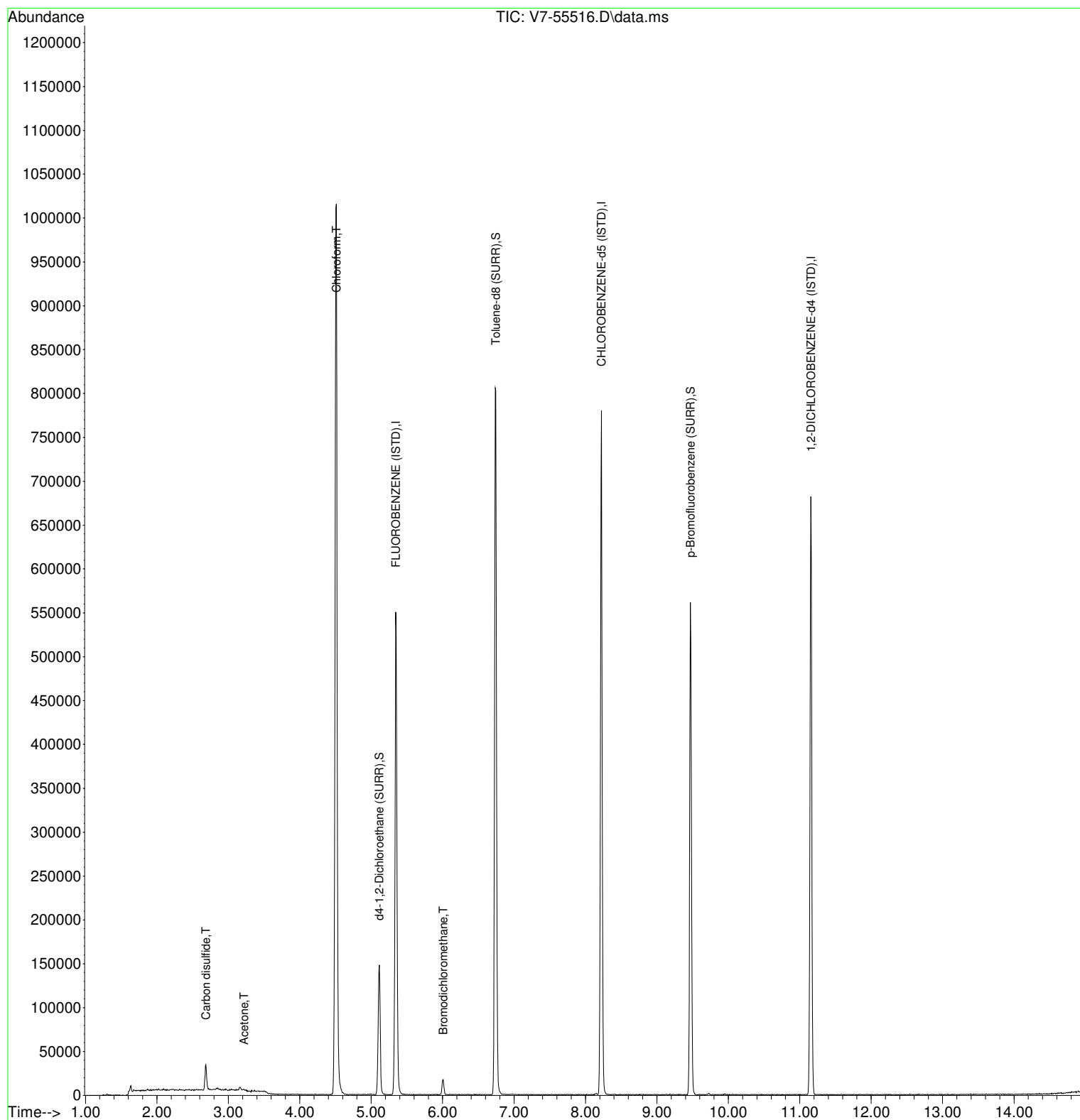
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

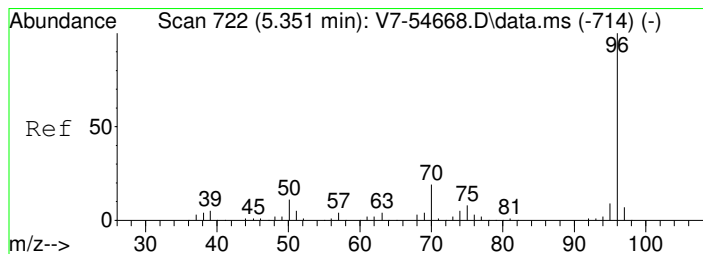
Internal Standards						
1) FLUOROBENZENE (ISTD)	5.345	50	54050	10.00	ppb	0.00
48) CHLOROBENZENE-d5 (ISTD)	8.223	54	93821	10.00	ppb	0.00
80) 1,2-DICHLOROBENZENE-d4...	11.155	152	190167	10.00	ppb	0.00
System Monitoring Compounds						
42) d4-1,2-Dichloroethane ...	5.114	65	102923	11.55	ppb	0.00
Spiked Amount 10.000	Range	69 - 130	Recovery	=	115.50%	
60) Toluene-d8 (SURR)	6.744	98	559402	10.78	ppb	0.00
Spiked Amount 10.000	Range	81 - 117	Recovery	=	107.80%	
82) p-Bromofluorobenzene (...)	9.470	95	194603	10.59	ppb	0.00
Spiked Amount 10.000	Range	79 - 122	Recovery	=	105.90%	
Target Compounds						
18) Acetone	3.222	58	222	1.62	ppb	Qvalue # 1
20) Carbon disulfide	2.686	76	36751	0.62	ppb	97
38) Chloroform	4.512	83	819915	28.38	ppb	98
53) Bromodichloromethane	6.008	83	11689	0.66	ppb	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\VOA7-02-28-26\
Data File : V7-55516.D
InstName : MSVOA7
Acq On : 28 Feb 2026 3:24 pm
Operator : THD
Sample : 26B1152-07 A
Misc : 8260
ALS Vial : 53 Sample Multiplier: 1

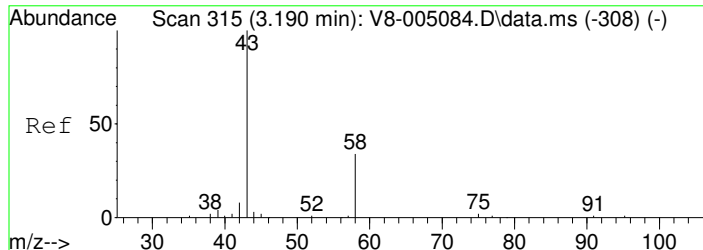
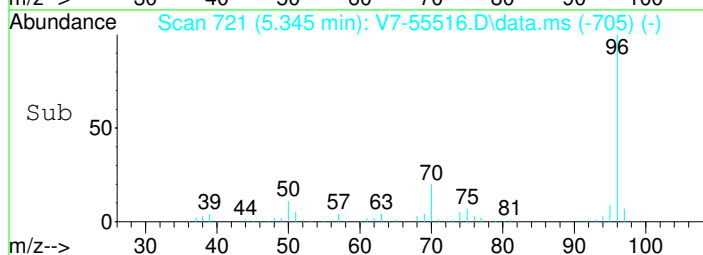
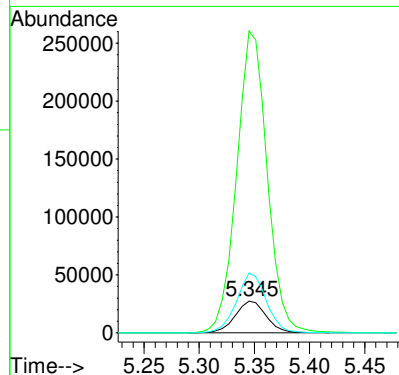
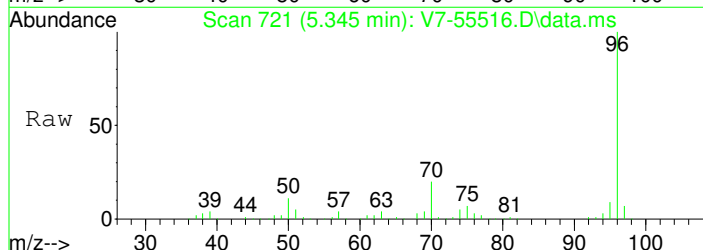
Quant Time: Mar 04 21:36:39 2026
Quant Method : C:\msdchem\1\methods\Calibration\V7-8260D-R020926.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Feb 11 19:02:20 2026
Response via : Initial Calibration





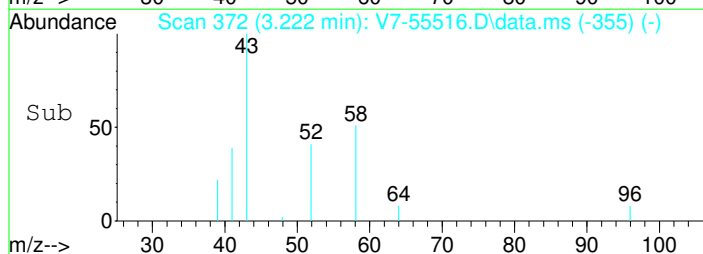
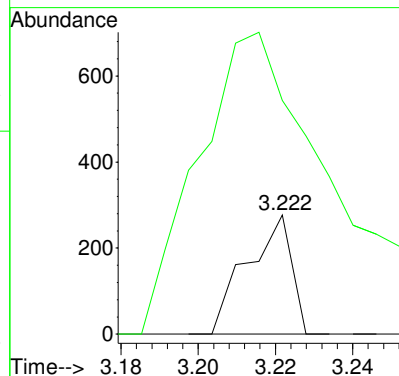
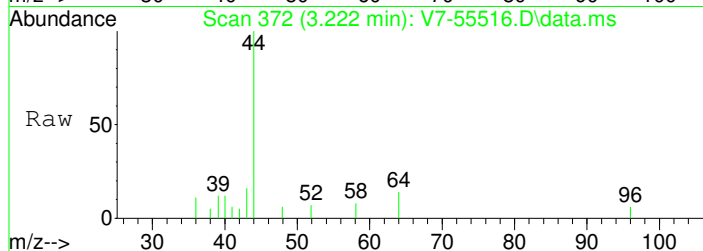
#1
 FLUOROBENZENE (ISTD)
 Concen: 10.00 ppb
 RT: 5.345 min Scan# 721
 Delta R.T. -0.000 min
 Lab File: V7-55516.D
 Acq: 28 Feb 2026 3:24 pm

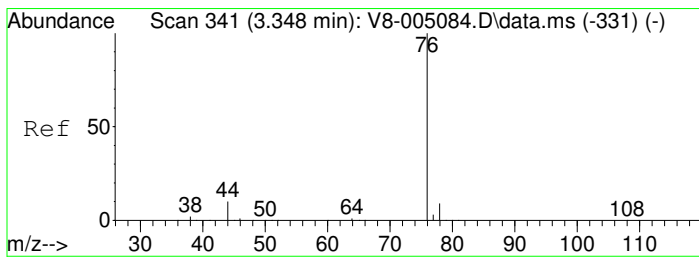
Tgt Ion	Ratio	Lower	Upper
50	100		
96	932.8	597.1	1240.1
70	181.6	118.2	245.6



#18
 Acetone
 Concen: 1.62 ppb
 RT: 3.222 min Scan# 372
 Delta R.T. 0.006 min
 Lab File: V7-55516.D
 Acq: 28 Feb 2026 3:24 pm

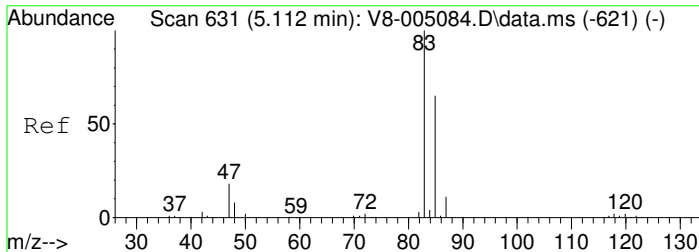
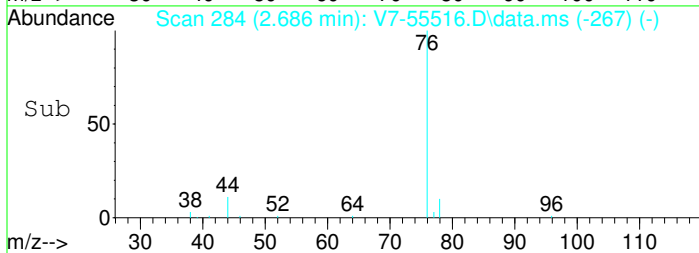
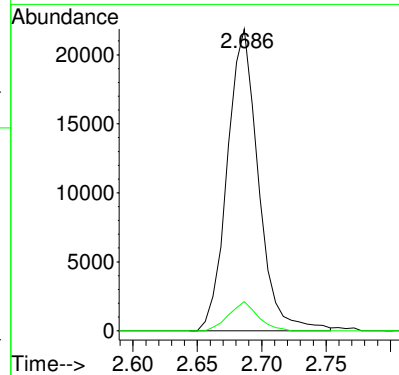
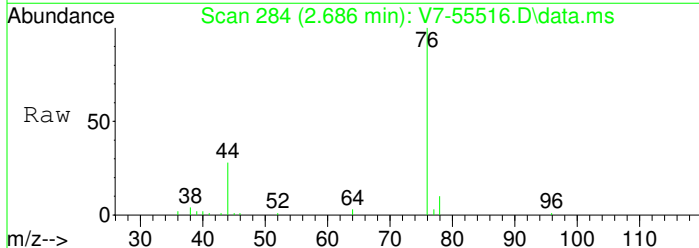
Tgt Ion	Ratio	Lower	Upper
58	100		
43	733.3	184.7	383.7#





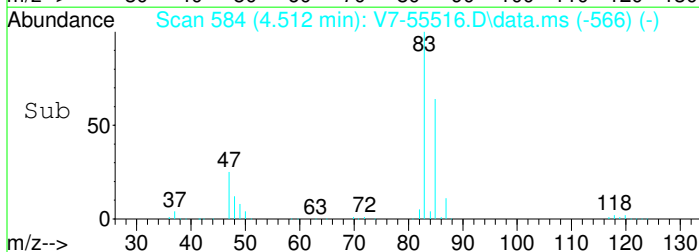
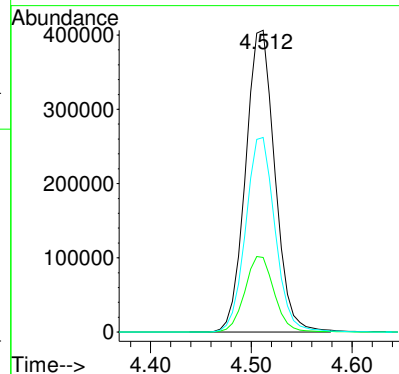
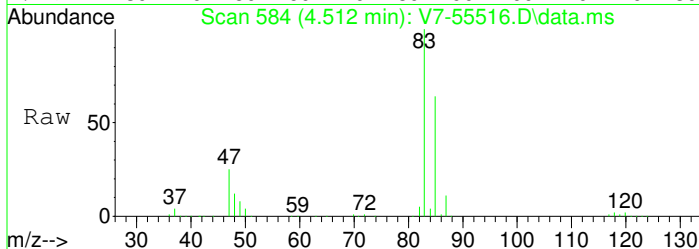
#20
Carbon disulfide
Concen: 0.62 ppb
RT: 2.686 min Scan# 284
Delta R.T. 0.000 min
Lab File: V7-55516.D
Acq: 28 Feb 2026 3:24 pm

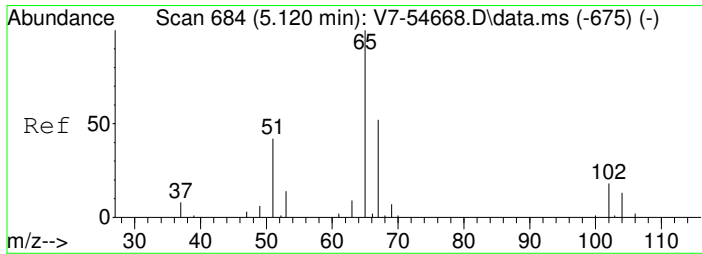
Tgt Ion: 76 Resp: 36751
Ion Ratio Lower Upper
76 100
78 9.0 7.0 13.0



#38
Chloroform
Concen: 28.38 ppb
RT: 4.512 min Scan# 584
Delta R.T. 0.007 min
Lab File: V7-55516.D
Acq: 28 Feb 2026 3:24 pm

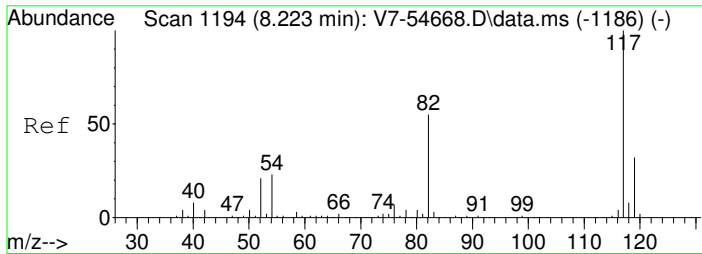
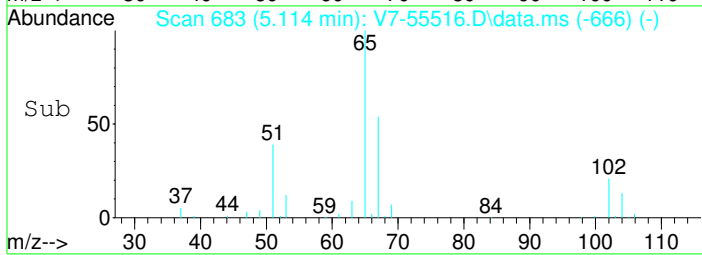
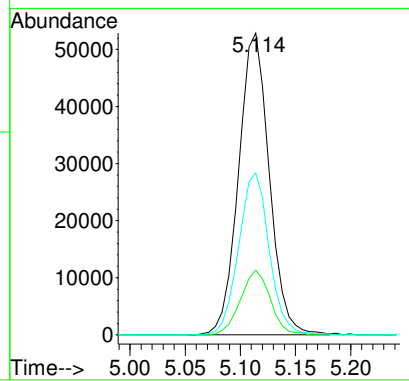
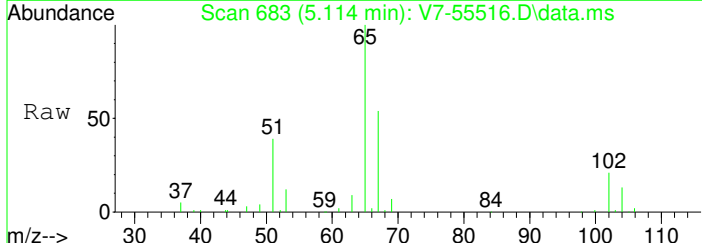
Tgt Ion: 83 Resp: 819915
Ion Ratio Lower Upper
83 100
47 25.0 14.4 30.0
85 64.7 41.7 86.5





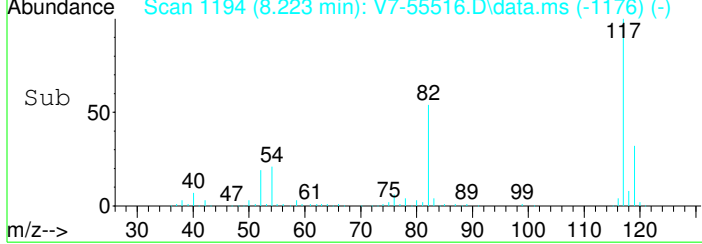
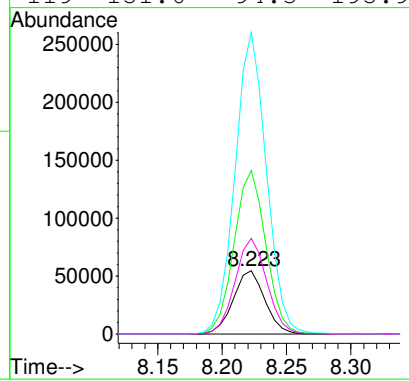
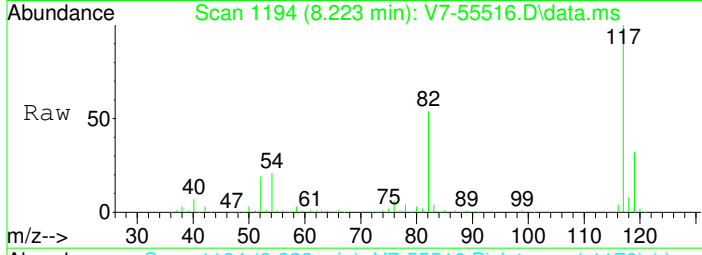
#42
d4-1,2-Dichloroethane (SURR)
Concen: 11.55 ppb
RT: 5.114 min Scan# 683
Delta R.T. 0.006 min
Lab File: V7-55516.D
Acq: 28 Feb 2026 3:24 pm

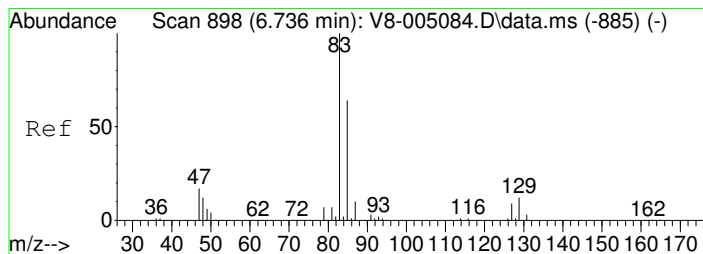
Tgt Ion:	65	Resp:	102923
Ion Ratio	Lower	Upper	
65	100		
102	20.8	14.8	30.6
67	53.5	36.5	75.9



#48
CHLOROBENZENE-d5 (ISTD)
Concen: 10.00 ppb
RT: 8.223 min Scan# 1194
Delta R.T. 0.007 min
Lab File: V7-55516.D
Acq: 28 Feb 2026 3:24 pm

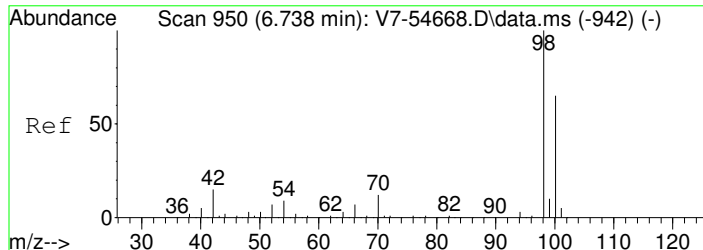
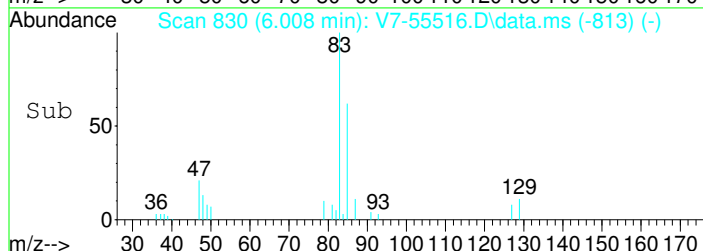
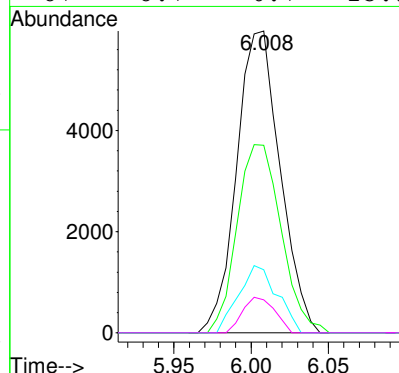
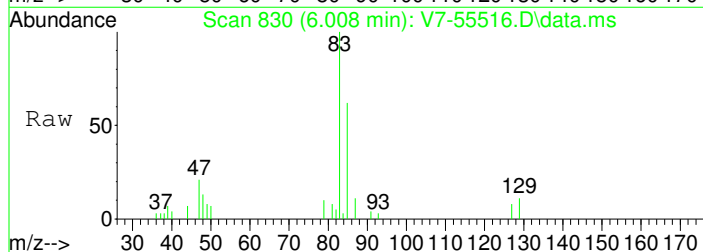
Tgt Ion:	54	Resp:	93821
Ion Ratio	Lower	Upper	
54	100		
82	259.6	160.7	333.9
117	470.5	293.7	610.1
119	151.6	94.3	195.9





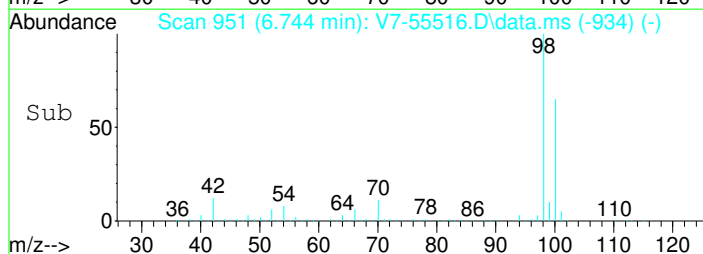
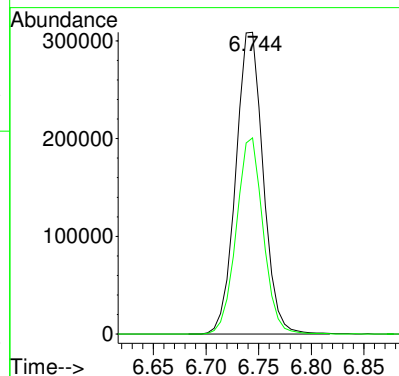
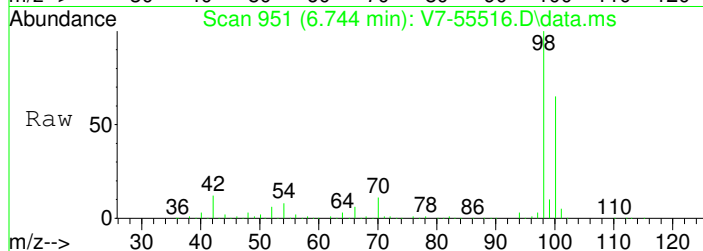
#53
Bromodichloromethane
Concen: 0.66 ppb
RT: 6.008 min Scan# 830
Delta R.T. 0.006 min
Lab File: V7-55516.D
Acq: 28 Feb 2026 3:24 pm

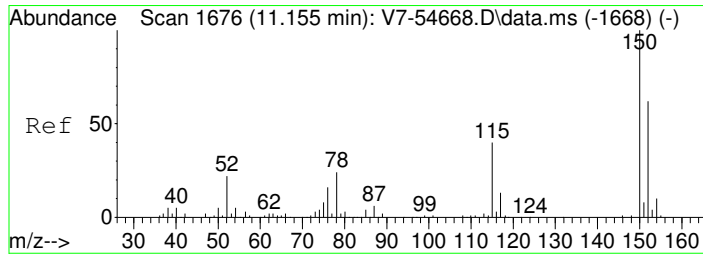
Tgt Ion:	83	Resp:	11689
Ion Ratio		Lower	Upper
83	100		
85	63.2	41.7	86.5
47	19.8	11.6	24.2
87	8.7	6.7	13.9



#60
Toluene-d8 (SURR)
Concen: 10.78 ppb
RT: 6.744 min Scan# 951
Delta R.T. 0.006 min
Lab File: V7-55516.D
Acq: 28 Feb 2026 3:24 pm

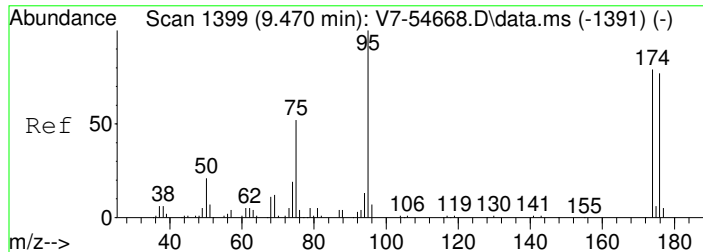
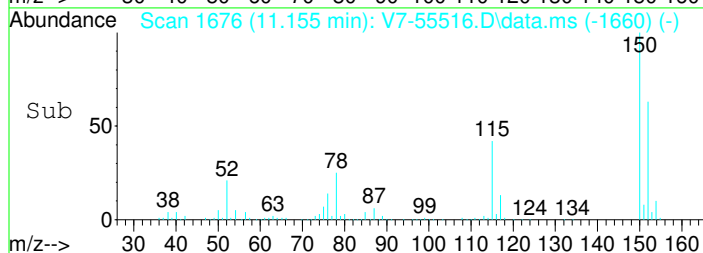
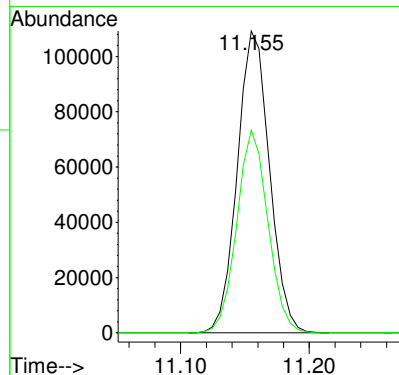
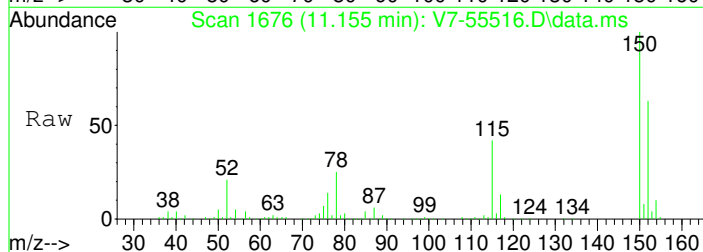
Tgt Ion:	98	Resp:	559402
Ion Ratio		Lower	Upper
98	100		
100	63.7	42.3	87.9





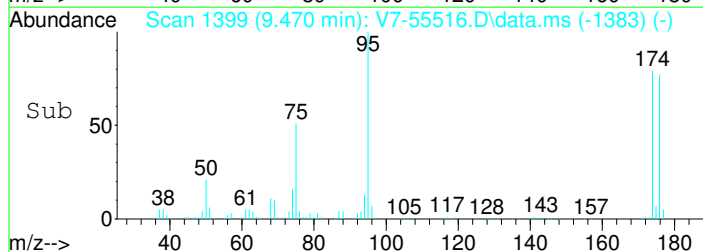
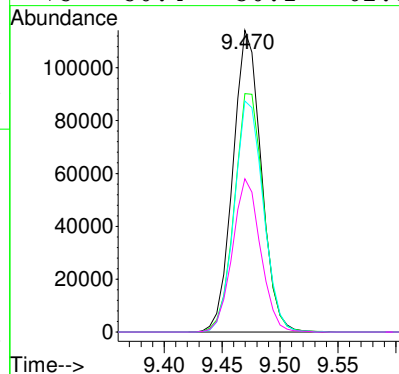
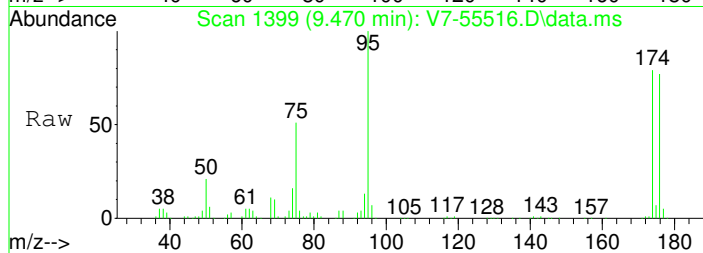
#80
1,2-DICHLORO BENZENE-d4 (ISTD)
Concen: 10.00 ppb
RT: 11.155 min Scan# 1676
Delta R.T. -0.000 min
Lab File: V7-55516.D
Acq: 28 Feb 2026 3:24 pm

Tgt Ion: 152 Resp: 190167
Ion Ratio Lower Upper
152 100
115 65.0 40.0 83.2



#82
p-Bromofluorobenzene (SURRE)
Concen: 10.59 ppb
RT: 9.470 min Scan# 1399
Delta R.T. -0.000 min
Lab File: V7-55516.D
Acq: 28 Feb 2026 3:24 pm

Tgt Ion: 95 Resp: 194603
Ion Ratio Lower Upper
95 100
174 81.3 53.5 111.1
176 78.4 52.3 108.5
75 50.4 30.1 62.5



Sample Information

Client Sample ID: TB (2026 27 02)			Sample ID: 26B1152-08		
Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received	
26B1152	230051-170 Freeman Rd Brooklyn NY	Ground Water	February 27, 2026 1:08 pm	02/27/2026	

Volatile Organic Compounds by GC/MS

Sample Prepared by Method: EPA 5030B				Results Reported to MDL							
CAS No.	Parameter	Result	Flag	Units	RL	MDL	Dilution	Reference Method	Prepared	Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.500	0.216	1	EPA 8260D	02/28/2026 07:00	02/28/2026 11:55	THD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.500	0.266	1	EPA 8260D	02/28/2026 07:00	02/28/2026 11:55	THD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.500	0.256	1	EPA 8260D	02/28/2026 07:00	02/28/2026 11:55	THD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.500	0.286	1	EPA 8260D	02/28/2026 07:00	02/28/2026 11:55	THD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.500	0.249	1	EPA 8260D	02/28/2026 07:00	02/28/2026 11:55	THD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.500	0.272	1	EPA 8260D	02/28/2026 07:00	02/28/2026 11:55	THD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.500	0.327	1	EPA 8260D	02/28/2026 07:00	02/28/2026 11:55	THD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.500	0.222	1	EPA 8260D	02/28/2026 07:00	02/28/2026 11:55	THD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.500	0.273	1	EPA 8260D	02/28/2026 07:00	02/28/2026 11:55	THD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.500	0.138	1	EPA 8260D	02/28/2026 07:00	02/28/2026 11:55	THD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.500	0.310	1	EPA 8260D	02/28/2026 07:00	02/28/2026 11:55	THD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.500	0.432	1	EPA 8260D	02/28/2026 07:00	02/28/2026 11:55	THD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.500	0.215	1	EPA 8260D	02/28/2026 07:00	02/28/2026 11:55	THD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.500	0.270	1	EPA 8260D	02/28/2026 07:00	02/28/2026 11:55	THD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.500	0.377	1	EPA 8260D	02/28/2026 07:00	02/28/2026 11:55	THD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.500	0.327	1	EPA 8260D	02/28/2026 07:00	02/28/2026 11:55	THD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.500	0.347	1	EPA 8260D	02/28/2026 07:00	02/28/2026 11:55	THD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.500	0.283	1	EPA 8260D	02/28/2026 07:00	02/28/2026 11:55	THD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.500	0.311	1	EPA 8260D	02/28/2026 07:00	02/28/2026 11:55	THD
78-93-3	2-Butanone	ND		ug/L	0.500	0.421	1	EPA 8260D	02/28/2026 07:00	02/28/2026 11:55	THD
591-78-6	2-Hexanone	ND		ug/L	0.500	0.320	1	EPA 8260D	02/28/2026 07:00	02/28/2026 11:55	THD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.500	0.365	1	EPA 8260D	02/28/2026 07:00	02/28/2026 11:55	THD
67-64-1	Acetone	3.06	CCVE, ICVE, QL-02	ug/L	2.00	1.34	1	EPA 8260D	02/28/2026 07:00	02/28/2026 11:55	THD
107-02-8	Acrolein	ND	ICVE	ug/L	0.500	0.447	1	EPA 8260D	02/28/2026 07:00	02/28/2026 11:55	THD
107-13-1	Acrylonitrile	ND		ug/L	0.500	0.422	1	EPA 8260D	02/28/2026 07:00	02/28/2026 11:55	THD
71-43-2	Benzene	ND		ug/L	0.500	0.279	1	EPA 8260D	02/28/2026 07:00	02/28/2026 11:55	THD
74-97-5	Bromochloromethane	ND		ug/L	0.500	0.354	1	EPA 8260D	02/28/2026 07:00	02/28/2026 11:55	THD
75-27-4	Bromodichloromethane	ND		ug/L	0.500	0.245	1	EPA 8260D	02/28/2026 07:00	02/28/2026 11:55	THD
75-25-2	Bromoform	ND		ug/L	0.500	0.163	1	EPA 8260D	02/28/2026 07:00	02/28/2026 11:55	THD
74-83-9	Bromomethane	ND	CCVE	ug/L	2.00	0.500	1	EPA 8260D	02/28/2026 07:00	02/28/2026 11:55	THD
75-15-0	Carbon disulfide	ND		ug/L	0.500	0.362	1	EPA 8260D	02/28/2026 07:00	02/28/2026 11:55	THD
56-23-5	Carbon tetrachloride	ND		ug/L	0.500	0.204	1	EPA 8260D	02/28/2026 07:00	02/28/2026 11:55	THD
108-90-7	Chlorobenzene	ND		ug/L	0.500	0.284	1	EPA 8260D	02/28/2026 07:00	02/28/2026 11:55	THD
75-00-3	Chloroethane	ND		ug/L	0.500	0.448	1	EPA 8260D	02/28/2026 07:00	02/28/2026 11:55	THD
67-66-3	Chloroform	ND		ug/L	0.500	0.243	1	EPA 8260D	02/28/2026 07:00	02/28/2026 11:55	THD

Sample Information

Client Sample ID: TB (2026 27 02)			Sample ID: 26B1152-08			
Project (SDG) No.	Client Project ID		Matrix	Collection Date/Time		Date Received
26B1152	230051-170 Freeman Rd Brooklyn NY		Ground Water	February 27, 2026 1:08 pm		02/27/2026

Volatile Organic Compounds by GC/MS

Sample Prepared by Method: EPA 5030B				Results Reported to MDL							
CAS No.	Parameter	Result	Flag	Units	RL	MDL	Dilution	Reference Method	Prepared	Analyzed	Analyst
74-87-3	Chloromethane	ND	CCVE	ug/L	0.500	0.372	1	EPA 8260D	02/28/2026 07:00	02/28/2026 11:55	THD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.500	0.294	1	EPA 8260D	02/28/2026 07:00	02/28/2026 11:55	THD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.500	0.262	1	EPA 8260D	02/28/2026 07:00	02/28/2026 11:55	THD
110-82-7	Cyclohexane	ND		ug/L	0.500	0.491	1	EPA 8260D	02/28/2026 07:00	02/28/2026 11:55	THD
124-48-1	Dibromochloromethane	ND		ug/L	0.500	0.146	1	EPA 8260D	02/28/2026 07:00	02/28/2026 11:55	THD
74-95-3	Dibromomethane	ND	CCVE, ICVE, QL-02	ug/L	0.500	0.203	1	EPA 8260D	02/28/2026 07:00	02/28/2026 11:55	THD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.500	0.451	1	EPA 8260D	02/28/2026 07:00	02/28/2026 11:55	THD
100-41-4	Ethyl Benzene	ND		ug/L	0.500	0.290	1	EPA 8260D	02/28/2026 07:00	02/28/2026 11:55	THD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	0.241	1	EPA 8260D	02/28/2026 07:00	02/28/2026 11:55	THD
98-82-8	Isopropylbenzene	ND		ug/L	0.500	0.405	1	EPA 8260D	02/28/2026 07:00	02/28/2026 11:55	THD
79-20-9	Methyl acetate	ND	ICVE	ug/L	0.500	0.442	1	EPA 8260D	02/28/2026 07:00	02/28/2026 11:55	THD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.500	0.244	1	EPA 8260D	02/28/2026 07:00	02/28/2026 11:55	THD
108-87-2	Methylcyclohexane	ND		ug/L	0.500	0.477	1	EPA 8260D	02/28/2026 07:00	02/28/2026 11:55	THD
75-09-2	Methylene chloride	ND		ug/L	2.00	0.397	1	EPA 8260D	02/28/2026 07:00	02/28/2026 11:55	THD
104-51-8	n-Butylbenzene	ND		ug/L	0.500	0.399	1	EPA 8260D	02/28/2026 07:00	02/28/2026 11:55	THD
103-65-1	n-Propylbenzene	ND	CCVE	ug/L	0.500	0.384	1	EPA 8260D	02/28/2026 07:00	02/28/2026 11:55	THD
95-47-6	o-Xylene	ND		ug/L	0.500	0.261	1	EPA 8260D	02/28/2026 07:00	02/28/2026 11:55	THD
179601-23-1	p- & m- Xylenes	ND		ug/L	1.00	0.578	1	EPA 8260D	02/28/2026 07:00	02/28/2026 11:55	THD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.500	0.377	1	EPA 8260D	02/28/2026 07:00	02/28/2026 11:55	THD
135-98-8	sec-Butylbenzene	ND		ug/L	0.500	0.444	1	EPA 8260D	02/28/2026 07:00	02/28/2026 11:55	THD
100-42-5	Styrene	ND	CCVE	ug/L	0.500	0.255	1	EPA 8260D	02/28/2026 07:00	02/28/2026 11:55	THD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	1.00	0.608	1	EPA 8260D	02/28/2026 07:00	02/28/2026 11:55	THD
98-06-6	tert-Butylbenzene	ND		ug/L	0.500	0.367	1	EPA 8260D	02/28/2026 07:00	02/28/2026 11:55	THD
127-18-4	Tetrachloroethylene	ND		ug/L	0.500	0.239	1	EPA 8260D	02/28/2026 07:00	02/28/2026 11:55	THD
108-88-3	Toluene	ND		ug/L	0.500	0.346	1	EPA 8260D	02/28/2026 07:00	02/28/2026 11:55	THD
156-60-5	trans-1,2-Dichloroethylene	ND	CCVE	ug/L	0.500	0.279	1	EPA 8260D	02/28/2026 07:00	02/28/2026 11:55	THD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.500	0.229	1	EPA 8260D	02/28/2026 07:00	02/28/2026 11:55	THD
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.500	0.283	1	EPA 8260D	02/28/2026 07:00	02/28/2026 11:55	THD
79-01-6	Trichloroethylene	ND		ug/L	0.500	0.249	1	EPA 8260D	02/28/2026 07:00	02/28/2026 11:55	THD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.500	0.337	1	EPA 8260D	02/28/2026 07:00	02/28/2026 11:55	THD
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.500	0.469	1	EPA 8260D	02/28/2026 07:00	02/28/2026 11:55	THD
1330-20-7	Xylenes, Total	ND		ug/L	1.50	0.839	1	EPA 8260D	02/28/2026 07:00	02/28/2026 11:55	THD
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	113 %			69-130						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	108 %			79-122						
2037-26-5	Surrogate: SURR: Toluene-d8	109 %			81-117						

Data Path : C:\msdchem\1\data\VOA7-02-28-26\
 Data File : V7-55509.D
 InstName : MSVOA7
 Acq On : 28 Feb 2026 11:55 am
 Operator : THD
 Sample : 26B1152-08 A
 Misc : 8260
 ALS Vial : 46 Sample Multiplier: 1

Quant Time: Mar 04 20:45:46 2026
 Quant Method : C:\msdchem\1\methods\Calibration\V7-8260D-R020926.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Wed Feb 11 19:02:20 2026
 Response via : Initial Calibration

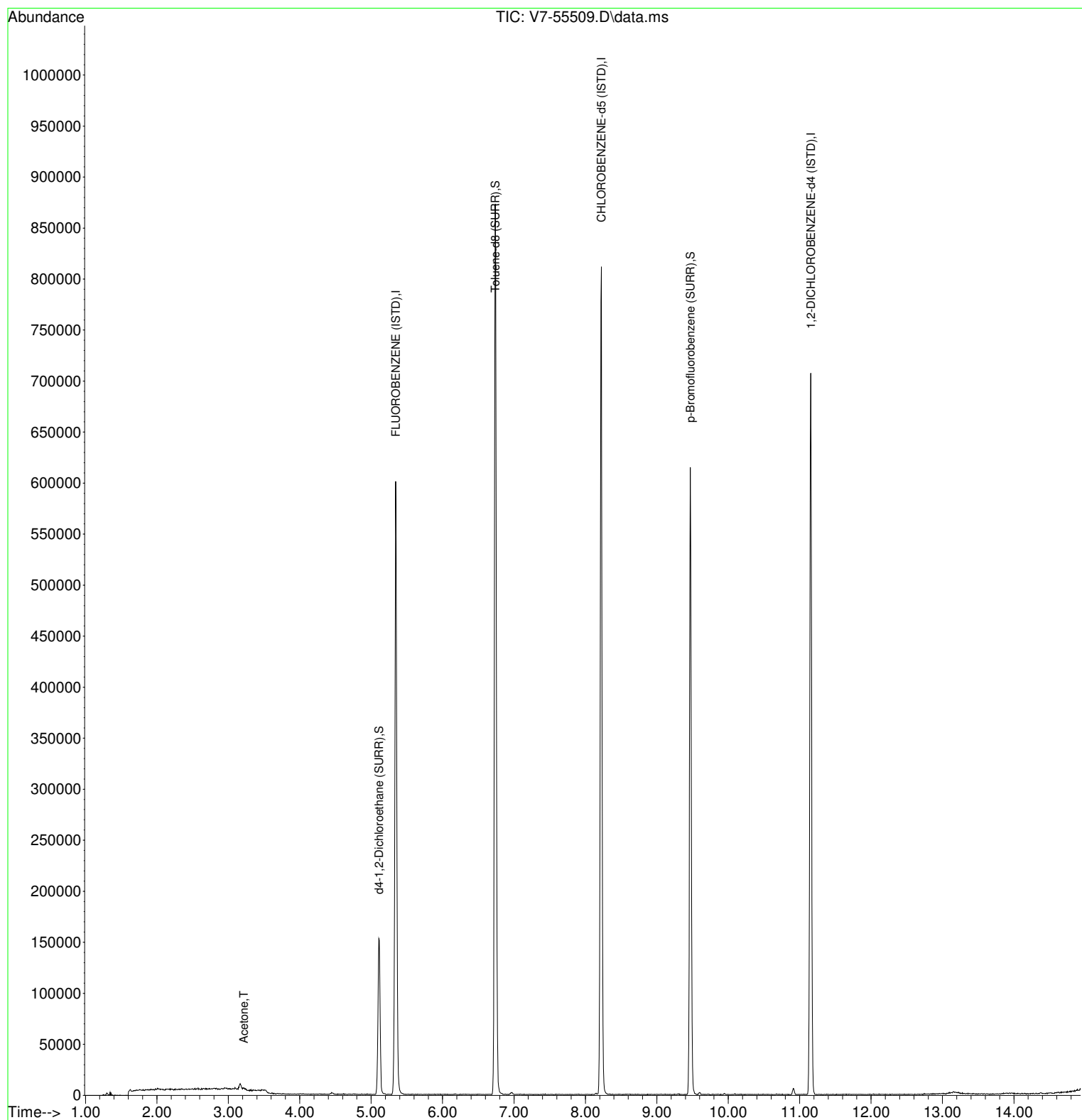
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

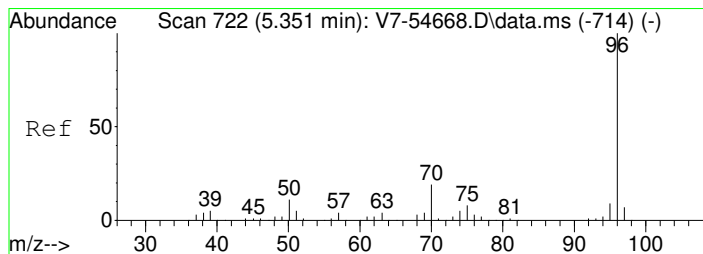
Internal Standards						
1) FLUOROBENZENE (ISTD)	5.345	50	58381	10.00	ppb	0.00
48) CHLOROBENZENE-d5 (ISTD)	8.223	54	99819	10.00	ppb	0.00
80) 1,2-DICHLOROBENZENE-d4...	11.155	152	199297	10.00	ppb	0.00
System Monitoring Compounds						
42) d4-1,2-Dichloroethane ...	5.108	65	108649	11.29	ppb	0.00
Spiked Amount 10.000	Range	69 - 130	Recovery	=	112.90%	
60) Toluene-d8 (SURR)	6.738	98	600375	10.87	ppb	0.00
Spiked Amount 10.000	Range	81 - 117	Recovery	=	108.70%	
82) p-Bromofluorobenzene (...)	9.470	95	208851	10.84	ppb	0.00
Spiked Amount 10.000	Range	79 - 122	Recovery	=	108.40%	
Target Compounds						
18) Acetone	3.216	58	453	3.06	ppb	Qvalue # 23

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\VOA7-02-28-26\
Data File : V7-55509.D
InstName : MSVOA7
Acq On : 28 Feb 2026 11:55 am
Operator : THD
Sample : 26B1152-08 A
Misc : 8260
ALS Vial : 46 Sample Multiplier: 1

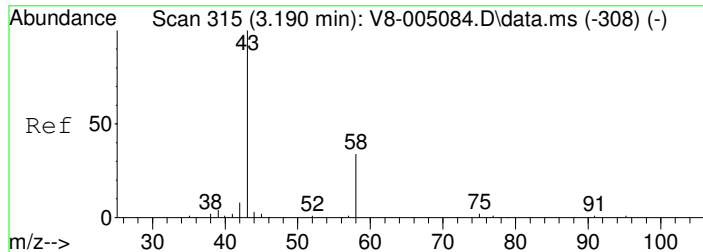
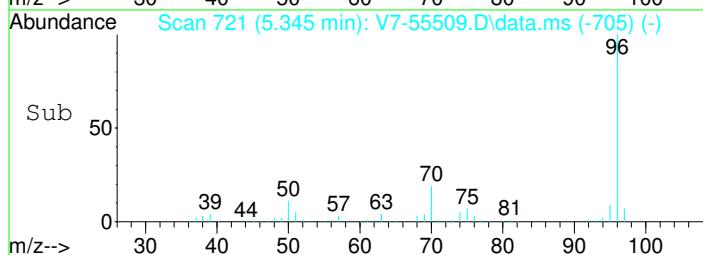
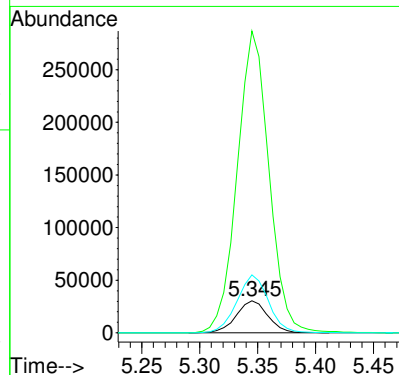
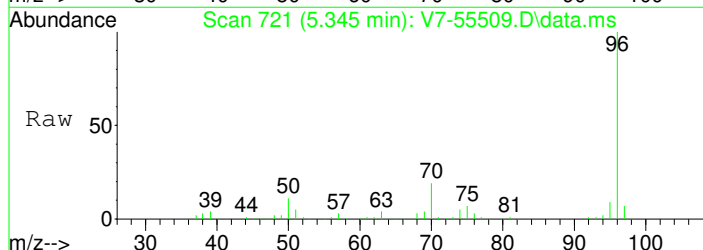
Quant Time: Mar 04 20:45:46 2026
Quant Method : C:\msdchem\1\methods\Calibration\V7-8260D-R020926.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Feb 11 19:02:20 2026
Response via : Initial Calibration





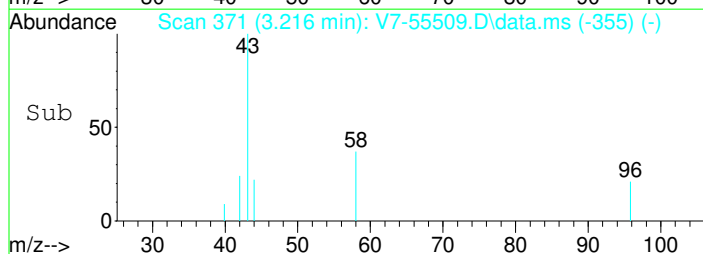
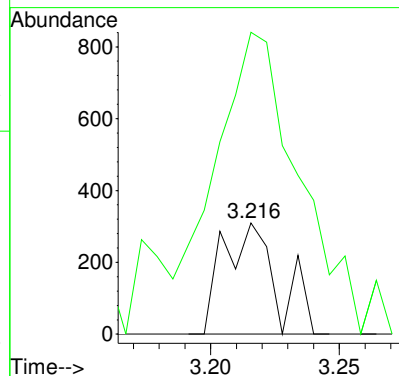
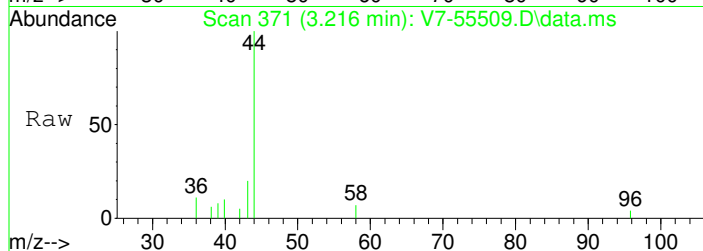
#1
 FLUOROBENZENE (ISTD)
 Concen: 10.00 ppb
 RT: 5.345 min Scan# 721
 Delta R.T. -0.000 min
 Lab File: V7-55509.D
 Acq: 28 Feb 2026 11:55 am

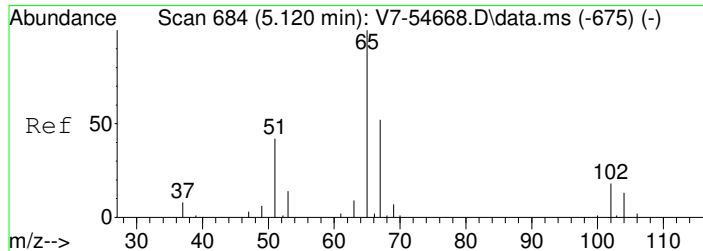
Tgt Ion	Ratio	Lower	Upper
50	100		
96	937.1	597.1	1240.1
70	180.2	118.2	245.6



#18
 Acetone
 Concen: 3.06 ppb
 RT: 3.216 min Scan# 371
 Delta R.T. -0.000 min
 Lab File: V7-55509.D
 Acq: 28 Feb 2026 11:55 am

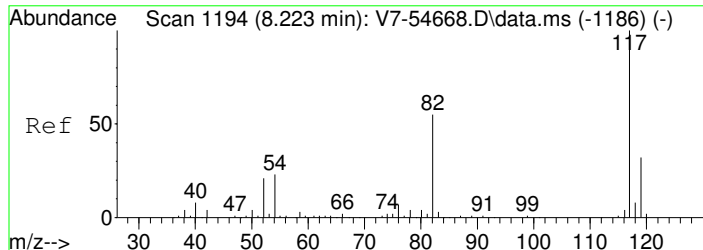
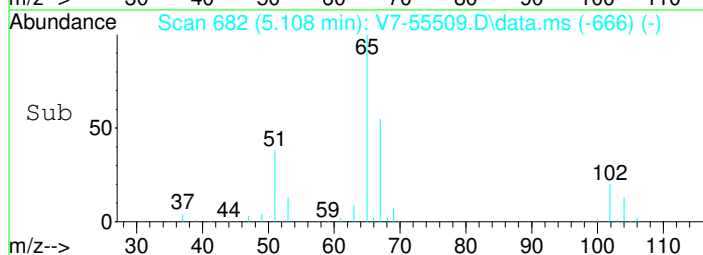
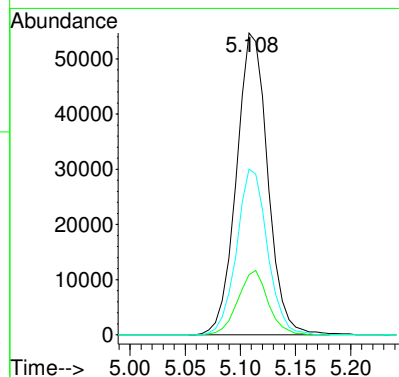
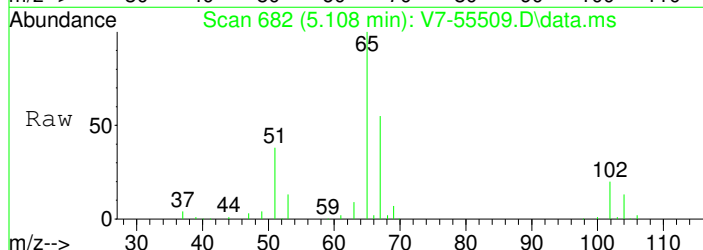
Tgt Ion	Ratio	Lower	Upper
58	100		
43	429.1	184.7	383.7#





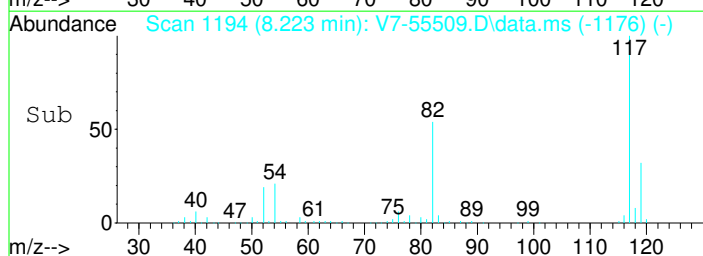
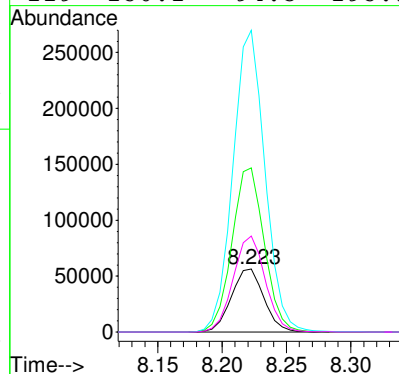
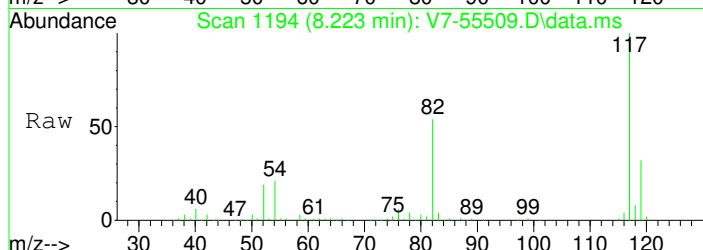
#42
d4-1,2-Dichloroethane (SURR)
Concen: 11.29 ppb
RT: 5.108 min Scan# 682
Delta R.T. -0.000 min
Lab File: V7-55509.D
Acq: 28 Feb 2026 11:55 am

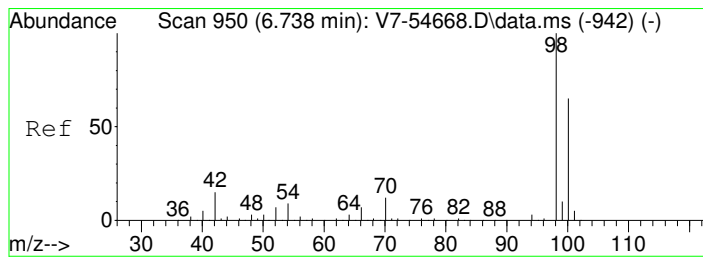
Tgt Ion	Ratio	Lower	Upper
65	100		
102	20.4	14.8	30.6
67	53.8	36.5	75.9



#48
CHLOROBENZENE-d5 (ISTD)
Concen: 10.00 ppb
RT: 8.223 min Scan# 1194
Delta R.T. 0.007 min
Lab File: V7-55509.D
Acq: 28 Feb 2026 11:55 am

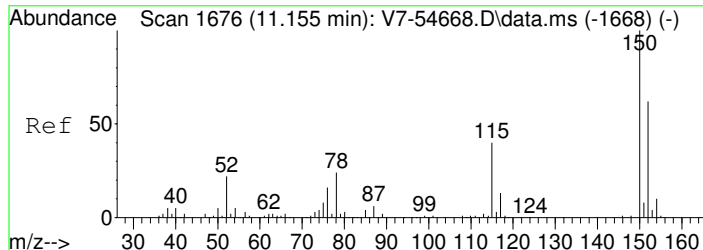
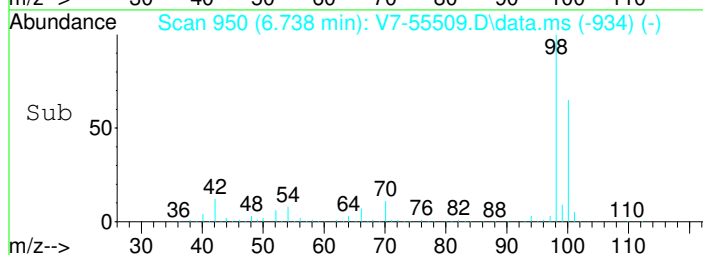
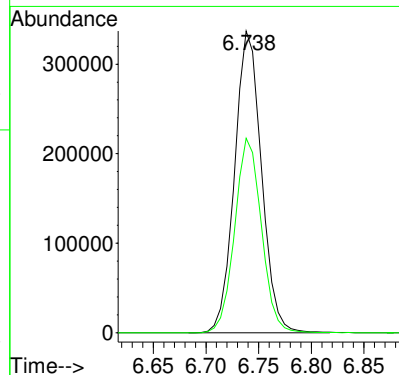
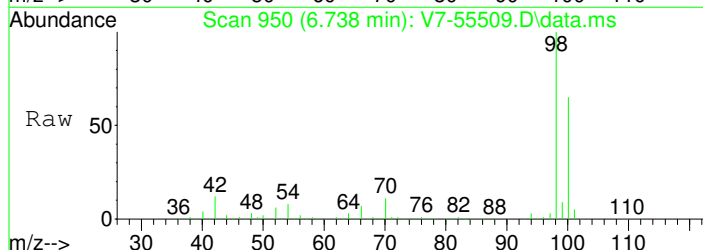
Tgt Ion	Ratio	Lower	Upper
54	100		
82	257.9	160.7	333.9
117	468.6	293.7	610.1
119	150.1	94.3	195.9





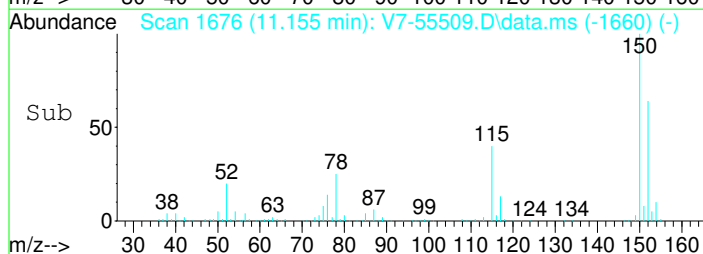
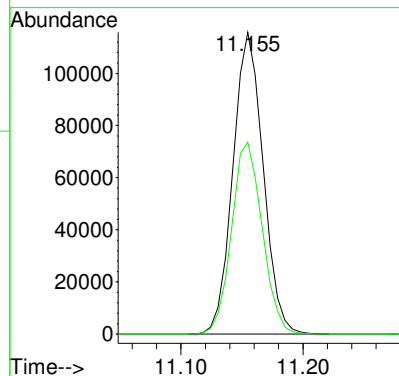
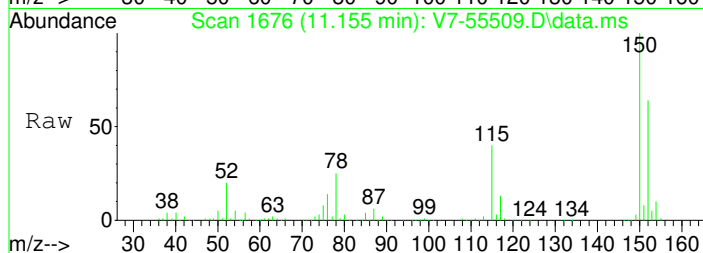
#60
Toluene-d8 (Surr)
Concen: 10.87 ppb
RT: 6.738 min Scan# 950
Delta R.T. 0.000 min
Lab File: V7-55509.D
Acq: 28 Feb 2026 11:55 am

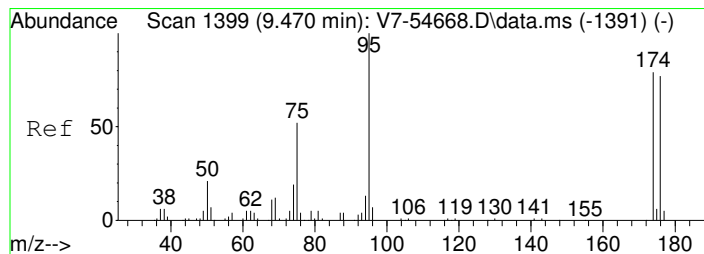
Tgt Ion: 98 Resp: 600375
Ion Ratio Lower Upper
98 100
100 64.0 42.3 87.9



#80
1,2-DICHLOROBENZENE-d4 (Istd)
Concen: 10.00 ppb
RT: 11.155 min Scan# 1676
Delta R.T. -0.000 min
Lab File: V7-55509.D
Acq: 28 Feb 2026 11:55 am

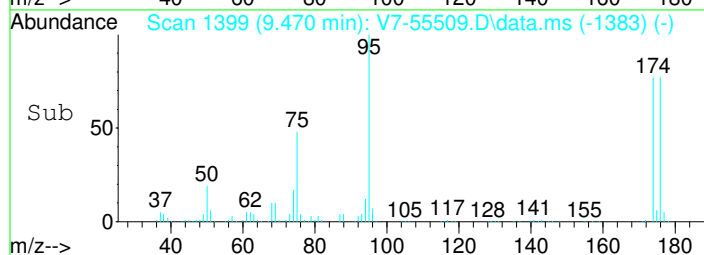
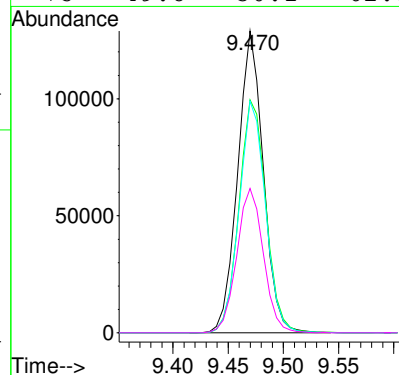
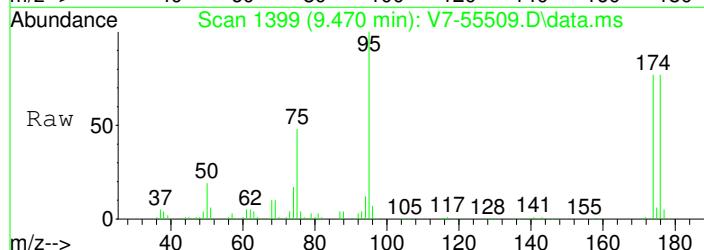
Tgt Ion: 152 Resp: 199297
Ion Ratio Lower Upper
152 100
115 64.5 40.0 83.2





#82
 p-Bromofluorobenzene (SURR)
 Concen: 10.84 ppb
 RT: 9.470 min Scan# 1399
 Delta R.T. -0.000 min
 Lab File: V7-55509.D
 Acq: 28 Feb 2026 11:55 am

Tgt Ion	Ratio	Lower	Upper
95	100		
174	81.4	53.5	111.1
176	78.9	52.3	108.5
75	49.8	30.1	62.5



FORM II

SURROGATE STANDARD RECOVERY AND RT SUMMARY

EPA 8260D

Laboratory: ALS Environmental - StratfordSDG: 26B1152Client: Hydro Tech EnvironmentalProject: 230051-170 Freeman Rd Brooklyn NYSequence: S6C0316Instrument: MSVOA7Batch: BB61548Calibration: SB60017

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
LCS (BB61548-BS1) Lab File ID: V7-55505.D Analyzed: 02/28/26 09:53								
SURR: 1,2-Dichloroethane-d4	10.0	97.8	69 - 130	5.108	5.108	0.0000	+/-0.50	
SURR: Toluene-d8	10.0	109	81 - 117	6.738	6.7368	0.0012	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	107	79 - 122	9.464	9.4682	-0.0042	+/-0.50	
LCS Dup (BB61548-BSD1) Lab File ID: V7-55506.D Analyzed: 02/28/26 10:22								
SURR: 1,2-Dichloroethane-d4	10.0	104	69 - 130	5.108	5.108	0.0000	+/-0.50	
SURR: Toluene-d8	10.0	108	81 - 117	6.738	6.7368	0.0012	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	105	79 - 122	9.47	9.4682	0.0018	+/-0.50	
Blank (BB61548-BLK1) Lab File ID: V7-55508.D Analyzed: 02/28/26 11:26								
SURR: 1,2-Dichloroethane-d4	10.0	111	69 - 130	5.108	5.108	0.0000	+/-0.50	
SURR: Toluene-d8	10.0	109	81 - 117	6.738	6.7368	0.0012	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	108	79 - 122	9.47	9.4682	0.0018	+/-0.50	
TB (2026 27 02) (26B1152-08) Lab File ID: V7-55509.D Analyzed: 02/28/26 11:55								
SURR: 1,2-Dichloroethane-d4	10.0	113	69 - 130	5.108	5.108	0.0000	+/-0.50	
SURR: Toluene-d8	10.0	109	81 - 117	6.738	6.7368	0.0012	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	108	79 - 122	9.47	9.4682	0.0018	+/-0.50	
MW-9 (2026 27 02) (26B1152-01) Lab File ID: V7-55510.D Analyzed: 02/28/26 12:25								
SURR: 1,2-Dichloroethane-d4	10.0	114	69 - 130	5.114	5.108	0.0060	+/-0.50	
SURR: Toluene-d8	10.0	107	81 - 117	6.738	6.7368	0.0012	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	108	79 - 122	9.47	9.4682	0.0018	+/-0.50	
MW-10 (2026 27 02) (26B1152-02) Lab File ID: V7-55511.D Analyzed: 02/28/26 12:55								
SURR: 1,2-Dichloroethane-d4	10.0	114	69 - 130	5.114	5.108	0.0060	+/-0.50	
SURR: Toluene-d8	10.0	111	81 - 117	6.738	6.7368	0.0012	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	106	79 - 122	9.47	9.4682	0.0018	+/-0.50	
MW-11R MS/MSD (2026 27 02) (26B1152-03) Lab File ID: V7-55512.D Analyzed: 02/28/26 13:24								
SURR: 1,2-Dichloroethane-d4	10.0	116	69 - 130	5.114	5.108	0.0060	+/-0.50	
SURR: Toluene-d8	10.0	106	81 - 117	6.744	6.7368	0.0072	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	106	79 - 122	9.47	9.4682	0.0018	+/-0.50	
MW-13R (2026 27 02) (26B1152-04) Lab File ID: V7-55513.D Analyzed: 02/28/26 13:54								
SURR: 1,2-Dichloroethane-d4	10.0	114	69 - 130	5.108	5.108	0.0000	+/-0.50	
SURR: Toluene-d8	10.0	109	81 - 117	6.738	6.7368	0.0012	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	106	79 - 122	9.47	9.4682	0.0018	+/-0.50	

FORM II

SURROGATE STANDARD RECOVERY AND RT SUMMARY

EPA 8260D

Laboratory: ALS Environmental - StratfordSDG: 26B1152Client: Hydro Tech EnvironmentalProject: 230051-170 Freeman Rd Brooklyn NYSequence: S6C0316Instrument: MSVOA7Batch: BB61548Calibration: SB60017

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
MW-14 (2026 27 02) (26B1152-05)		Lab File ID: V7-55514.D			Analyzed: 02/28/26 14:24			
SURR: 1,2-Dichloroethane-d4	10.0	113	69 - 130	5.114	5.108	0.0060	+/-0.50	
SURR: Toluene-d8	10.0	108	81 - 117	6.738	6.7368	0.0012	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	105	79 - 122	9.47	9.4682	0.0018	+/-0.50	
MW-15 (2026 27 02) (26B1152-06)		Lab File ID: V7-55515.D			Analyzed: 02/28/26 14:54			
SURR: 1,2-Dichloroethane-d4	10.0	119	69 - 130	5.114	5.108	0.0060	+/-0.50	
SURR: Toluene-d8	10.0	107	81 - 117	6.744	6.7368	0.0072	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	105	79 - 122	9.47	9.4682	0.0018	+/-0.50	
FB (2026 27 02) (26B1152-07)		Lab File ID: V7-55516.D			Analyzed: 02/28/26 15:24			
SURR: 1,2-Dichloroethane-d4	10.0	116	69 - 130	5.114	5.108	0.0060	+/-0.50	
SURR: Toluene-d8	10.0	108	81 - 117	6.744	6.7368	0.0072	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	106	79 - 122	9.47	9.4682	0.0018	+/-0.50	
Matrix Spike (BB61548-MS1)		Lab File ID: V7-55523.D			Analyzed: 02/28/26 18:51			
SURR: 1,2-Dichloroethane-d4	10.0	111	69 - 130	5.114	5.108	0.0060	+/-0.50	
SURR: Toluene-d8	10.0	108	81 - 117	6.738	6.7368	0.0012	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	107	79 - 122	9.47	9.4682	0.0018	+/-0.50	
Matrix Spike Dup (BB61548-MSD1)		Lab File ID: V7-55524.D			Analyzed: 02/28/26 19:21			
SURR: 1,2-Dichloroethane-d4	10.0	112	69 - 130	5.114	5.108	0.0060	+/-0.50	
SURR: Toluene-d8	10.0	106	81 - 117	6.738	6.7368	0.0012	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	106	79 - 122	9.47	9.4682	0.0018	+/-0.50	

FORM II

SURROGATE STANDARD RECOVERY AND RT SUMMARY

EPA 8260D

Laboratory: ALS Environmental - StratfordSDG: 26B1152Client: Hydro Tech EnvironmentalProject: 230051-170 Freeman Rd Brooklyn NYSequence: S6C0601Instrument: VOA No. 10Batch: BC60272Calibration: SB60019

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
LCS (BC60272-BS1) Lab File ID: V10C19067.D Analyzed: 03/05/26 09:18								
SURR: 1,2-Dichloroethane-d4	10.0	92.4	69 - 130	5.38	5.3848	-0.0048	+/-0.50	
SURR: Toluene-d8	10.0	105	81 - 117	7.02	7.026	-0.0060	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	112	79 - 122	9.769	9.7691	-0.0001	+/-0.50	
LCS Dup (BC60272-BSD1) Lab File ID: V10C19068.D Analyzed: 03/05/26 09:47								
SURR: 1,2-Dichloroethane-d4	10.0	94.7	69 - 130	5.386	5.3848	0.0012	+/-0.50	
SURR: Toluene-d8	10.0	106	81 - 117	7.026	7.026	0.0000	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	112	79 - 122	9.769	9.7691	-0.0001	+/-0.50	
Blank (BC60272-BLK1) Lab File ID: V10C19070.D Analyzed: 03/05/26 10:46								
SURR: 1,2-Dichloroethane-d4	10.0	96.7	69 - 130	5.38	5.3848	-0.0048	+/-0.50	
SURR: Toluene-d8	10.0	107	81 - 117	7.026	7.026	0.0000	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	113	79 - 122	9.769	9.7691	-0.0001	+/-0.50	
MW-9 (2026 27 02) (26B1152-01RE1) Lab File ID: V10C19077.D Analyzed: 03/05/26 14:21								
SURR: 1,2-Dichloroethane-d4	10.0	99.6	69 - 130	5.386	5.3848	0.0012	+/-0.50	
SURR: Toluene-d8	10.0	102	81 - 117	7.026	7.026	0.0000	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	110	79 - 122	9.769	9.7691	-0.0001	+/-0.50	
MW-11R MS/MSD (2026 27 02) (26B1152-03RE1) Lab File ID: V10C19078.D Analyzed: 03/05/26 14:50								
SURR: 1,2-Dichloroethane-d4	10.0	100	69 - 130	5.38	5.3848	-0.0048	+/-0.50	
SURR: Toluene-d8	10.0	103	81 - 117	7.026	7.026	0.0000	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	112	79 - 122	9.769	9.7691	-0.0001	+/-0.50	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260D

MW-11R MS/MSD (2026 27 02)

Laboratory: ALS Environmental - Stratford

SDG: 26B1152

Client: Hydro Tech Environmental

Project: 230051-170 Freeman Rd Brooklyn NY

Matrix: Water

Batch: BB61548

Laboratory ID: BB61548-MS1

Preparation: EPA 5030B

Initial/Final: 25 mL / 25 mL

Source Sample Name: 26B1152-03

COMPOUND	SPIKE ADDED ppb	SAMPLE CONCENTRATION ppb	MS CONCENTRATION ppb	MS % REC. #	QC LIMITS REC.	Q
1,1,1,2-Tetrachloroethane	10.0	0.00	9.07	90.7	45 - 161	
1,1,1-Trichloroethane	10.0	0.00	9.11	91.1	70 - 146	
1,1,2,2-Tetrachloroethane	10.0	0.00	10.2	102	74 - 121	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	0.00	10.1	101	21 - 217	
1,1,2-Trichloroethane	10.0	0.00	9.89	98.9	59 - 146	
1,1-Dichloroethane	10.0	0.00	8.62	86.2	54 - 146	
1,1-Dichloroethylene	10.0	0.00	11.1	111	44 - 165	
1,2,3-Trichlorobenzene	10.0	0.00	7.38	73.8	40 - 161	
1,2,3-Trichloropropane	10.0	0.00	9.92	99.2	74 - 127	
1,2,4-Trichlorobenzene	10.0	0.00	6.67	66.7	41 - 161	
1,2,4-Trimethylbenzene	10.0	0.00	7.77	77.7	72 - 129	
1,2-Dibromo-3-chloropropane	10.0	0.00	9.89	98.9	31 - 151	
1,2-Dibromoethane	10.0	0.00	10.0	100	75 - 125	
1,2-Dichlorobenzene	10.0	0.00	8.03	80.3	63 - 122	
1,2-Dichloroethane	10.0	0.00	9.24	92.4	68 - 131	
1,2-Dichloropropane	10.0	0.00	9.23	92.3	77 - 121	
1,3,5-Trimethylbenzene	10.0	0.00	7.74	77.4	69 - 126	
1,3-Dichlorobenzene	10.0	0.00	7.28	72.8 *	74 - 119	
1,4-Dichlorobenzene	10.0	0.00	7.31	73.1	70 - 124	
2-Butanone	10.0	0.400	45.7	453 *	10 - 193	
2-Hexanone	10.0	0.910	53.0	521 *	53 - 133	
4-Methyl-2-pentanone	10.0	0.00	50.8	508 *	38 - 150	
Acetone	10.0	0.00	0.00	*	13 - 149	
Acrolein	40.0	0.00	47.3	118	10 - 195	
Acrylonitrile	10.0	0.00	10.3	103	37 - 165	
Benzene	10.0	0.00	8.42	84.2	38 - 155	
Bromochloromethane	10.0	0.00	8.80	88.0	75 - 121	
Bromodichloromethane	10.0	0.00	9.09	90.9	70 - 129	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260D

MW-11R MS/MSD (2026 27 02)

Laboratory: ALS Environmental - Stratford

SDG: 26B1152

Client: Hydro Tech Environmental

Project: 230051-170 Freeman Rd Brooklyn NY

Matrix: Water

Batch: BB61548

Laboratory ID: BB61548-MS1

Preparation: EPA 5030B

Initial/Final: 25 mL / 25 mL

Source Sample Name: 26B1152-03

COMPOUND	SPIKE ADDED ppb	SAMPLE CONCENTRATION ppb	MS CONCENTRATION ppb	MS % REC. #	QC LIMITS REC.	Q
Bromoform	10.0	0.00	9.13	91.3	66 - 136	
Bromomethane	10.0	0.00	9.80	98.0	30 - 158	
Carbon disulfide	10.0	0.00	8.70	87.0	10 - 138	
Carbon tetrachloride	10.0	0.00	8.72	87.2	71 - 146	
Chlorobenzene	10.0	0.00	8.37	83.7	81 - 117	
Chloroethane	10.0	0.00	15.6	156 *	51 - 145	
Chloroform	10.0	0.00	8.45	84.5	80 - 124	
Chloromethane	10.0	0.00	9.25	92.5	16 - 163	
cis-1,2-Dichloroethylene	10.0	3.95	12.6	87.0	76 - 125	
cis-1,3-Dichloropropylene	10.0	0.00	9.05	90.5	58 - 131	
Cyclohexane	10.0	0.00	9.41	94.1	70 - 130	
Dibromochloromethane	10.0	0.00	9.10	91.0	71 - 129	
Dibromomethane	10.0	0.00	10.1	101	76 - 120	
Dichlorodifluoromethane	10.0	0.00	9.57	95.7	30 - 147	
Ethyl Benzene	10.0	0.00	8.54	85.4	72 - 128	
Hexachlorobutadiene	10.0	0.00	6.55	65.5	34 - 166	
Isopropylbenzene	10.0	0.00	8.34	83.4	66 - 139	
Methyl acetate	10.0	0.00	11.8	118	10 - 200	
Methyl tert-butyl ether (MTBE)	10.0	0.00	11.0	110	75 - 128	
Methylcyclohexane	10.0	0.00	7.81	78.1	70 - 130	
Methylene chloride	10.0	0.00	7.68	76.8	57 - 128	
n-Butylbenzene	10.0	0.00	5.90	59.0 *	61 - 138	
n-Propylbenzene	10.0	0.00	7.64	76.4	66 - 134	
o-Xylene	10.0	0.00	8.97	89.7	69 - 126	
p- & m- Xylenes	20.0	0.00	16.6	82.8	67 - 130	
p-Isopropyltoluene	10.0	0.00	7.78	77.8	64 - 137	
sec-Butylbenzene	10.0	0.00	7.98	79.8	53 - 155	
Styrene	10.0	0.00	8.77	87.7	69 - 125	
tert-Butyl alcohol (TBA)	50.0	0.00	43.2	86.5	10 - 130	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY
EPA 8260D

MW-11R MS/MSD (2026 27 02)

Laboratory: ALS Environmental - Stratford

SDG: 26B1152

Client: Hydro Tech Environmental

Project: 230051-170 Freeman Rd Brooklyn NY

Matrix: Water

Batch: BB61548

Laboratory ID: BB61548-MS1

Preparation: EPA 5030B

Initial/Final: 25 mL / 25 mL

Source Sample Name: 26B1152-03

COMPOUND	SPIKE ADDED ppb	SAMPLE CONCENTRATION ppb	MS CONCENTRATION ppb	MS % REC. #	QC LIMITS REC.	Q
tert-Butylbenzene	10.0	0.00	7.40	74.0	65 - 139	
Tetrachloroethylene	10.0	0.100	6.56	64.6	64 - 139	
Toluene	10.0	0.00	8.68	86.8	76 - 123	
trans-1,2-Dichloroethylene	10.0	0.00	9.68	96.8	79 - 131	
trans-1,3-Dichloropropylene	10.0	0.00	9.05	90.5	55 - 130	
trans-1,4-dichloro-2-butene	10.0	0.00	9.30	93.0	25 - 155	
Trichloroethylene	10.0	0.120	8.24	81.2	53 - 145	
Trichlorofluoromethane	10.0	0.00	12.4	124	61 - 142	
Vinyl Chloride	10.0	0.00	10.9	109	31 - 165	

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260D

MW-11R MS/MSD (2026 27 02)

Laboratory: ALS Environmental - Stratford

SDG: 26B1152

Client: Hydro Tech Environmental

Project: 230051-170 Freeman Rd Brooklyn NY

Matrix: Water

Batch: BB61548

Laboratory ID: BB61548-MSD1

Preparation: EPA 5030B

Initial/Final: 25 mL / 25 mL

Source Sample Name: 26B1152-03

COMPOUND	SPIKE ADDED ppb	MSD CONCENTRATION ppb	MSD % REC. #	% RPD #	QC LIMITS		Q
					RPD	REC.	
1,1,1,2-Tetrachloroethane	10.0	8.19	81.9	10.2	30	45 - 161	
1,1,1-Trichloroethane	10.0	8.39	83.9	8.23	30	70 - 146	
1,1,2,2-Tetrachloroethane	10.0	9.58	95.8	5.88	30	74 - 121	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	8.77	87.7	14.0	30	21 - 217	
1,1,2-Trichloroethane	10.0	8.86	88.6	11.0	30	59 - 146	
1,1-Dichloroethane	10.0	7.86	78.6	9.22	30	54 - 146	
1,1-Dichloroethylene	10.0	10.0	100	9.76	30	44 - 165	
1,2,3-Trichlorobenzene	10.0	6.77	67.7	8.62	30	40 - 161	
1,2,3-Trichloropropane	10.0	9.48	94.8	4.54	30	74 - 127	
1,2,4-Trichlorobenzene	10.0	5.87	58.7	12.8	30	41 - 161	
1,2,4-Trimethylbenzene	10.0	7.00	70.0	*	30	72 - 129	
1,2-Dibromo-3-chloropropane	10.0	9.90	99.0	0.101	30	31 - 151	
1,2-Dibromoethane	10.0	9.23	92.3	8.51	30	75 - 125	
1,2-Dichlorobenzene	10.0	7.41	74.1	8.03	30	63 - 122	
1,2-Dichloroethane	10.0	8.57	85.7	7.52	30	68 - 131	
1,2-Dichloropropane	10.0	8.18	81.8	12.1	30	77 - 121	
1,3,5-Trimethylbenzene	10.0	7.00	70.0	10.0	30	69 - 126	
1,3-Dichlorobenzene	10.0	6.61	66.1	*	30	74 - 119	
1,4-Dichlorobenzene	10.0	6.65	66.5	*	30	70 - 124	
2-Butanone	10.0	40.8	404	*	30	10 - 193	
2-Hexanone	10.0	47.7	468	*	30	53 - 133	
4-Methyl-2-pentanone	10.0	46.7	467	*	30	38 - 150	
Acetone	10.0	0.00		*	30	13 - 149	
Acrolein	40.0	46.2	116	2.25	30	10 - 195	
Acrylonitrile	10.0	9.53	95.3	7.77	30	37 - 165	
Benzene	10.0	7.66	76.6	9.45	30	38 - 155	
Bromochloromethane	10.0	8.19	81.9	7.18	30	75 - 121	
Bromodichloromethane	10.0	8.11	81.1	11.4	30	70 - 129	
Bromoform	10.0	8.41	84.1	8.21	30	66 - 136	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260D

MW-11R MS/MSD (2026 27 02)

Laboratory: ALS Environmental - Stratford

SDG: 26B1152

Client: Hydro Tech Environmental

Project: 230051-170 Freeman Rd Brooklyn NY

Matrix: Water

Batch: BB61548

Laboratory ID: BB61548-MSD1

Preparation: EPA 5030B

Initial/Final: 25 mL / 25 mL

Source Sample Name: 26B1152-03

COMPOUND	SPIKE ADDED ppb	MSD CONCENTRATION ppb	MSD % REC. #	% RPD #	QC LIMITS		Q
					RPD	REC.	
Bromomethane	10.0	9.42	94.2	3.95	30	30 - 158	
Carbon disulfide	10.0	7.74	77.4	11.7	30	10 - 138	
Carbon tetrachloride	10.0	7.97	79.7	8.99	30	71 - 146	
Chlorobenzene	10.0	7.46	74.6 *	11.5	30	81 - 117	
Chloroethane	10.0	14.3	143	8.35	30	51 - 145	
Chloroform	10.0	7.77	77.7 *	8.38	30	80 - 124	
Chloromethane	10.0	8.32	83.2	10.6	30	16 - 163	
cis-1,2-Dichloroethylene	10.0	12.0	81.0	4.86	30	76 - 125	
cis-1,3-Dichloropropylene	10.0	8.10	81.0	11.1	30	58 - 131	
Cyclohexane	10.0	8.42	84.2	11.1	30	70 - 130	
Dibromochloromethane	10.0	8.24	82.4	9.92	30	71 - 129	
Dibromomethane	10.0	9.04	90.4	11.4	30	76 - 120	
Dichlorodifluoromethane	10.0	8.38	83.8	13.3	30	30 - 147	
Ethyl Benzene	10.0	7.55	75.5	12.3	30	72 - 128	
Hexachlorobutadiene	10.0	5.79	57.9	12.3	30	34 - 166	
Isopropylbenzene	10.0	7.58	75.8	9.55	30	66 - 139	
Methyl acetate	10.0	10.9	109	7.95	30	10 - 200	
Methyl tert-butyl ether (MTBE)	10.0	10.3	103	6.39	30	75 - 128	
Methylcyclohexane	10.0	6.56	65.6 *	17.4	30	70 - 130	
Methylene chloride	10.0	7.04	70.4	8.70	30	57 - 128	
n-Butylbenzene	10.0	5.15	51.5 *	13.6	30	61 - 138	
n-Propylbenzene	10.0	6.92	69.2	9.89	30	66 - 134	
o-Xylene	10.0	7.93	79.3	12.3	30	69 - 126	
p- & m- Xylenes	20.0	14.3	71.7	14.3	30	67 - 130	
p-Isopropyltoluene	10.0	6.90	69.0	12.0	30	64 - 137	
sec-Butylbenzene	10.0	7.19	71.9	10.4	30	53 - 155	
Styrene	10.0	7.88	78.8	10.7	30	69 - 125	
tert-Butyl alcohol (TBA)	50.0	38.1	76.2	12.7	30	10 - 130	
tert-Butylbenzene	10.0	6.80	68.0	8.45	30	65 - 139	
Tetrachloroethylene	10.0	5.70	56.0 *	14.0	30	64 - 139	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY
EPA 8260D

MW-11R MS/MSD (2026 27 02)

Laboratory: ALS Environmental - Stratford

SDG: 26B1152

Client: Hydro Tech Environmental

Project: 230051-170 Freeman Rd Brooklyn NY

Matrix: Water

Batch: BB61548

Laboratory ID: BB61548-MSD1

Preparation: EPA 5030B

Initial/Final: 25 mL / 25 mL

Source Sample Name: 26B1152-03

COMPOUND	SPIKE ADDED ppb	MSD CONCENTRATION ppb	MSD % REC. #	% RPD #	QC LIMITS		Q
					RPD	REC.	
Toluene	10.0	7.72	77.2	11.7	30	76 - 123	
trans-1,2-Dichloroethylene	10.0	8.65	86.5	11.2	30	79 - 131	
trans-1,3-Dichloropropylene	10.0	8.10	81.0	11.1	30	55 - 130	
trans-1,4-dichloro-2-butene	10.0	8.56	85.6	8.29	30	25 - 155	
Trichloroethylene	10.0	7.22	71.0	13.2	30	53 - 145	
Trichlorofluoromethane	10.0	11.2	112	10.4	30	61 - 142	
Vinyl Chloride	10.0	9.80	98.0	11.0	30	31 - 165	

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

MATRIX SPIKE RAW DATA

SDG: 26B1152
CLASS: VOA
METHOD: EPA 8260D

Data Path : C:\msdchem\1\data\VOA7-02-28-26\
 Data File : V7-55523.D
 InstName : MSVOA7
 Acq On : 28 Feb 2026 6:51 pm
 Operator : THD
 Sample : BB61548-MS1
 Misc : 26B1152-03
 ALS Vial : 60 Sample Multiplier: 1

Quant Time: Mar 04 21:55:36 2026

Quant Method : C:\msdchem\1\methods\Calibration\V7-8260D-R020926.M

Quant Title : Volatile Organics EPA 8260D & 624.1

QLast Update : Wed Feb 11 19:02:20 2026

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) FLUOROBENZENE (ISTD)	5.345	50	74000	10.00	ppb	0.00
48) CHLOROBENZENE-d5 (ISTD)	8.223	54	133383	10.00	ppb	0.00
80) 1,2-DICHLOROBENZENE-d4...	11.155	152	294621	10.00	ppb	0.00
System Monitoring Compounds						
42) d4-1,2-Dichloroethane ...	5.114	65	134999	11.07	ppb	0.00
Spiked Amount 10.000	Range 69	- 130	Recovery	=	110.70%	
60) Toluene-d8 (SURR)	6.738	98	800343	10.84	ppb	0.00
Spiked Amount 10.000	Range 81	- 117	Recovery	=	108.40%	
82) p-Bromofluorobenzene (...)	9.470	95	303681	10.67	ppb	0.00
Spiked Amount 10.000	Range 79	- 122	Recovery	=	106.70%	
Target Compounds						
					Qvalue	
2) Freon 115	1.322	85	14398	7.58	ppb	96
3) Freon 152a	1.457	65	4072508	Below Cal	#	10
4) Dichlorodifluoromethane	1.439	85	214326	9.57	ppb	100
5) Freon 22	1.457	51	7428791	Below Cal	#	77
6) Chlorodifluoromethane ...	1.457	51	7428791	Below Cal	#	77
7) Chloromethane	1.628	50	275155	9.25	ppb	99
8) Vinyl Chloride	1.683	62	315445	10.94	ppb	100
9) Bromomethane	1.975	94	179353	9.80	ppb	99
10) Chloroethane	2.090	64	216763	15.59	ppb	100
11) Trichlorofluoromethane	2.212	101	367941	12.37	ppb	99
12) Ethyl Ether	2.492	59	311588	22.14	ppb	99
14) Freon 123	2.717	83	378604	11.47	ppb	95
15) 1,1-Dichloroethylene	2.662	61	363491	11.07	ppb	99
16) Freon 113	2.699	101	195458	10.09	ppb	98
17) Acrolein	2.960	56	80654	47.29	ppb	99
18) Acetone	3.216	58	166894	Below Cal		98
19) Iodomethane	2.790	142	195378	5.41	ppb	99
20) Carbon disulfide	2.687	76	701594	8.70	ppb	100
21) Allyl Chloride	3.076	41	400582	10.40	ppb	98
22) Methyl Acetate	3.319	74	17595	11.77	ppb	84
23) tert-Butyl Alcohol (TBA)	3.727	59	64497	43.25	ppb	93
24) Methylene Chloride	3.167	49	305029	7.68	ppb	99
25) Acrylonitrile	3.879	53	29060	10.30	ppb	95
26) trans-1,2-Dichloroethy...	3.301	61	343089	9.68	ppb	98
27) tert-Butyl Methyl Ethe...	3.398	73	455162	10.98	ppb	74
28) n-hexane	3.368	57	354581	9.43	ppb	99
29) 1,1-Dichloroethane	3.824	63	361681	8.62	ppb	100
30) Vinyl Acetate	4.043	86	21108	10.28	ppb	89
31) Diisopropyl ether (DIPE)	3.721	45	526951	8.39	ppb	98
32) Ethyl-tert-Butyl ether...	4.031	59	443290	8.93	ppb	99
33) cis-1,2-Dichloroethylene	4.280	61	380984	12.65	ppb	99
34) 2-Butanone	4.779	72	18816	45.74	ppb	76
35) 2,2-Dichloropropane	4.372	77	226236	8.13	ppb	99
36) Tetrahydrofuran	4.652	71	9593	9.91	ppb	69
37) Bromochloromethane	4.445	49	124565	8.80	ppb	99
38) Chloroform	4.512	83	333982	8.45	ppb	98
39) 1,1,1-Trichloroethane	4.682	97	291039	9.11	ppb	98
40) Cyclohexane	4.445	56	291413	9.41	ppb	99
41) 1,1-Dichloropropylene	4.785	75	247165	8.26	ppb	100
43) Carbon Tetrachloride	4.621	117	226519	8.72	ppb	99
44) tert-Amyl alcohol (TAA)	5.272	59	43920	132.10	ppb	96
45) 1,2-Dichloroethane	5.169	62	189641	9.24	ppb	99
46) Benzene	4.992	78	803327	8.42	ppb	99

Data Path : C:\msdchem\1\data\VOA7-02-28-26\
 Data File : V7-55523.D
 InstName : MSVOA7
 Acq On : 28 Feb 2026 6:51 pm
 Operator : THD
 Sample : BB61548-MS1
 Misc : 26B1152-03
 ALS Vial : 60 Sample Multiplier: 1

Quant Time: Mar 04 21:55:36 2026

Quant Method : C:\msdchem\1\methods\Calibration\V7-8260D-R020926.M

Quant Title : Volatile Organics EPA 8260D & 624.1

QLast Update : Wed Feb 11 19:02:20 2026

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) tert-Amyl methyl ether...	5.096	73	370239	9.29	ppb	97
49) Trichloroethylene	5.491	95	196292	8.24	ppb	98
50) Methyl Cyclohexane	5.485	83	261310	7.81	ppb	99
51) Methyl Methacrylate	6.142	69	63810	11.06	ppb	99
52) Dibromomethane	5.862	93	84198	10.13	ppb	96
53) Bromodichloromethane	6.002	83	229430	9.09	ppb	99
54) 1,2-Dichloropropane	5.953	63	192734	9.23	ppb	98
55) 1,4-Dioxane	6.191	88	8970	398.39	ppb	81
56) 2-Nitropropane	7.006	43	18441	7.69	ppb	76
58) cis-1,3-Dichloropropene	6.574	75	252398	9.05	ppb	98
59) 4-Methyl-2-Pentanone	7.146	43	74181	50.80	ppb	97
61) Toluene	6.787	91	861111	8.68	ppb	99
62) n-Octane	6.610	85	95453	5.69	ppb	97
63) Ethyl Methacrylate	7.322	69	137681	11.30	ppb	99
64) trans-1,3-Dichloropropene	6.574	75	252398	9.05	ppb	99
65) 1,1,2-Trichloroethane	7.328	97	123170	9.89	ppb	99
66) 1,3-Dichloropropane	7.590	76	213616	10.00	ppb	100
67) Tetrachloroethylene	7.146	166	165840	6.56	ppb	98
68) 2-Hexanone	7.943	43	50700	53.01	ppb	96
69) n-Butyl Actetate	7.851	43	115735	10.88	ppb	99
70) Dibromochloromethane	7.499	129	135308	9.10	ppb	99
71) 1,2-Dibromoethane	7.724	107	110925	10.05	ppb	99
72) Chlorobenzene	8.235	112	527197	8.37	ppb	99
73) 1,1,1,2-tetrachloroethane	8.302	131	172622	9.07	ppb	99
74) n-Nonane	8.168	57	134638	7.39	ppb	99
75) Ethyl Benzene	8.265	91	917111	8.54	ppb	99
76) p- & m-Xylenes	8.411	91	1366661	16.55	ppb	99
77) o-Xylene	8.849	91	697415	8.97	ppb	99
78) Styrene	8.904	104	527148	8.77	ppb	99
79) Bromoform	8.928	173	70684	9.13	ppb	99
81) Isopropylbenzene	9.178	105	836218	8.34	ppb	99
83) 1,1,2,2-Tetrachloroethane	9.695	83	134235	10.16	ppb	99
84) Bromobenzene	9.579	77	365712	8.43	ppb	99
85) trans-1,4-Dichloro-2-b...	9.883	53	29673	9.30	ppb	96
86) 1,2,3-Trichloropropane	9.835	110	36646	9.92	ppb	99
87) n-Propylbenzene	9.616	91	969247	7.64	ppb	100
88) n-Decane	9.597	57	170327	8.34	ppb	99
89) p-Ethyltoluene	9.737	105	791915	7.50	ppb	99
90) 1,3,5-Trimethylbenzene	9.829	105	675514	7.74	ppb	99
91) 2-Chlorotoluene	9.774	91	565872	7.75	ppb	97
92) 4-Chlorotoluene	9.956	91	574449	7.61	ppb	100
93) tert-Butylbenzene	10.169	119	604896	7.40	ppb	92
94) 1,2,4-Trimethylbenzene	10.248	105	683842	7.77	ppb	99
95) sec-Butylbenzene	10.364	105	863344	7.98	ppb	96
96) Limonene	10.334	68	82244	2.85	ppb	# 56
97) 1,3-Dichlorobenzene	10.595	146	361793	7.28	ppb	99
98) p-Isopropyltoluene	10.528	119	704799	7.78	ppb	99
99) 1,4-Dichlorobenzene	10.699	146	351532	7.31	ppb	99
100) 1,2,3-Trimethylbenzene	10.729	105	744358	8.54	ppb	99
101) p-Diethylbenzene	10.936	105	338298	7.19	ppb	98
102) trans-Decahydronapthalene	10.759	138	120099	7.02	ppb	97
103) 1,2-Dichlorobenzene	11.167	146	342852	8.03	ppb	99
104) n-Butylbenzene	10.997	91	610090	5.90	ppb	90
106) n-Undecane	10.911	71	93044	9.86	ppb	96
107) cis-Decahydronapthalene	11.374	138	92822	7.15	ppb	# 97
108) 1,2-Dibromo-3-chloropr...	12.086	75	17505	9.89	ppb	98
109) 1,2,4,5-Tetramethylben...	11.861	119	598404	7.31	ppb	99

Data Path : C:\msdchem\1\data\VOA7-02-28-26\
 Data File : V7-55523.D
 InstName : MSVOA7
 Acq On : 28 Feb 2026 6:51 pm
 Operator : THD
 Sample : BB61548-MS1
 Misc : 26B1152-03
 ALS Vial : 60 Sample Multiplier: 1

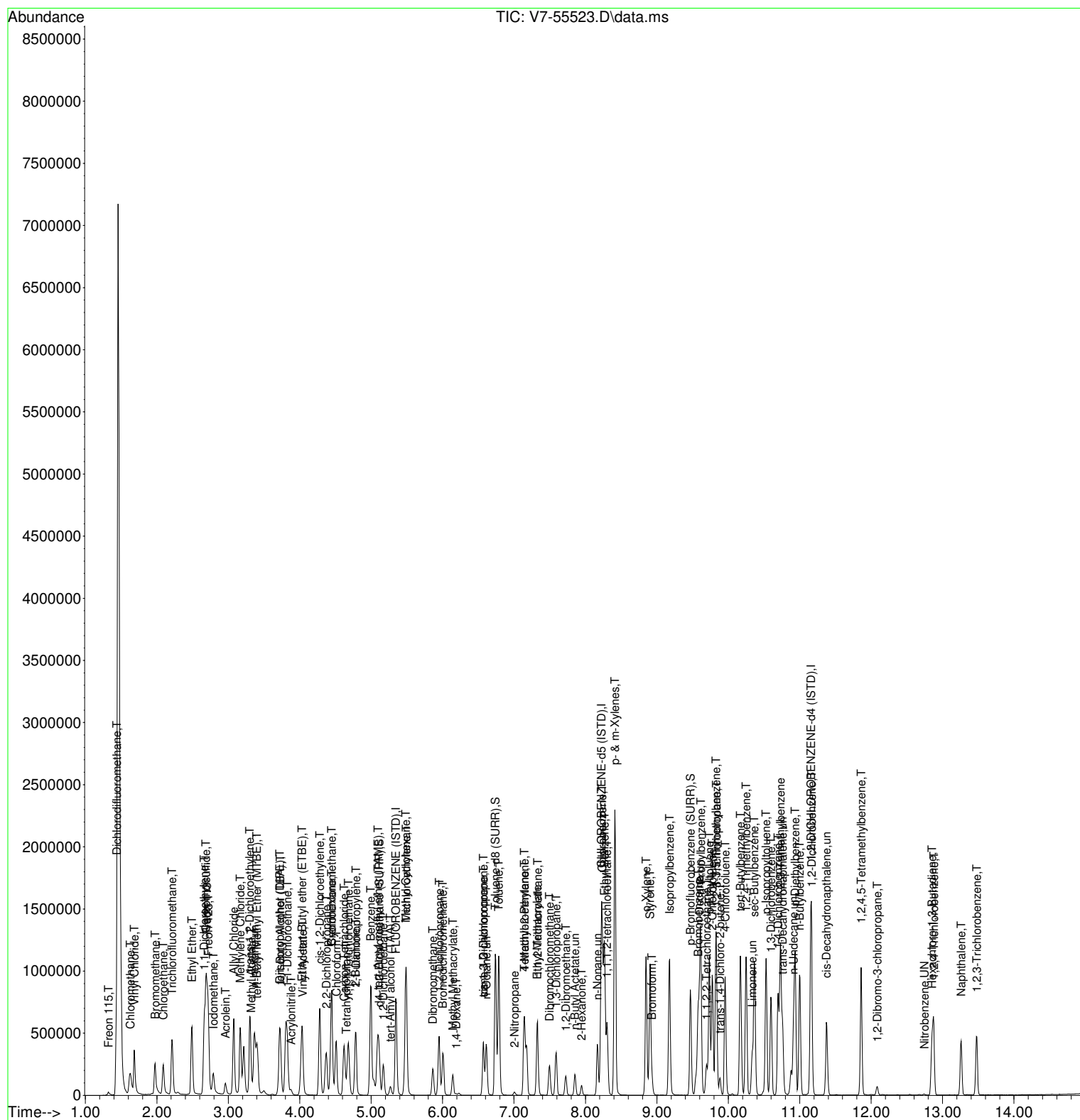
Quant Time: Mar 04 21:55:36 2026
 Quant Method : C:\msdchem\1\methods\Calibration\V7-8260D-R020926.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Wed Feb 11 19:02:20 2026
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
110) Nitrobenzene	12.743	77	5754	9.56	ppb	92
111) 1,2,4-Trichlorobenzene	12.876	180	182770	6.67	ppb	99
112) Hexachloro-1,3-Butadiene	12.852	225	86723	6.55	ppb	99
113) Naphthalene	13.260	128	365641	9.36	ppb	100
114) 1,2,3-Trichlorobenzene	13.479	180	161416	7.38	ppb	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\VOA7-02-28-26\
Data File : V7-55523.D
InstName : MSVOA7
Acq On : 28 Feb 2026 6:51 pm
Operator : THD
Sample : BB61548-MS1
Misc : 26B1152-03
ALS Vial : 60 Sample Multiplier: 1

Quant Time: Mar 04 21:55:36 2026
Quant Method : C:\msdchem\1\methods\Calibration\V7-8260D-R020926.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Feb 11 19:02:20 2026
Response via : Initial Calibration



Data Path : C:\msdchem\1\data\VOA7-02-28-26\
 Data File : V7-55524.D
 InstName : MSVOA7
 Acq On : 28 Feb 2026 7:21 pm
 Operator : THD
 Sample : BB61548-MSD1
 Misc : 26B1152-03
 ALS Vial : 61 Sample Multiplier: 1

Quant Time: Mar 04 21:56:39 2026

Quant Method : C:\msdchem\1\methods\Calibration\V7-8260D-R020926.M

Quant Title : Volatile Organics EPA 8260D & 624.1

QLast Update : Wed Feb 11 19:02:20 2026

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) FLUOROBENZENE (ISTD)	5.345	50	72269	10.00	ppb	0.00
48) CHLOROBENZENE-d5 (ISTD)	8.216	54	134560	10.00	ppb	0.00
80) 1,2-DICHLOROBENZENE-d4...	11.155	152	288718	10.00	ppb	0.00
System Monitoring Compounds						
42) d4-1,2-Dichloroethane ...	5.114	65	133467	11.20	ppb	0.00
Spiked Amount 10.000	Range 69	- 130	Recovery	=	112.00%	
60) Toluene-d8 (SURR)	6.738	98	786176	10.56	ppb	0.00
Spiked Amount 10.000	Range 81	- 117	Recovery	=	105.60%	
82) p-Bromofluorobenzene (...)	9.470	95	295282	10.58	ppb	0.00
Spiked Amount 10.000	Range 79	- 122	Recovery	=	105.80%	
Target Compounds						
					Qvalue	
2) Freon 115	1.322	85	11095	5.98	ppb	98
3) Freon 152a	1.457	65	3926634	Below Cal	#	9
4) Dichlorodifluoromethane	1.439	85	184138	8.38	ppb	99
5) Freon 22	1.457	51	7121788	Below Cal	#	76
6) Chlorodifluoromethane ...	1.457	51	7121788	Below Cal	#	76
7) Chloromethane	1.622	50	241753	8.32	ppb	99
8) Vinyl Chloride	1.683	62	276008	9.80	ppb	99
9) Bromomethane	1.969	94	168391	9.42	ppb	100
10) Chloroethane	2.084	64	194808	14.34	ppb	99
11) Trichlorofluoromethane	2.212	101	323949	11.15	ppb	99
12) Ethyl Ether	2.486	59	285630	20.78	ppb	99
14) Freon 123	2.717	83	336811	10.45	ppb	95
15) 1,1-Dichloroethylene	2.662	61	321837	10.04	ppb	99
16) Freon 113	2.699	101	165889	8.77	ppb	97
17) Acrolein	2.960	56	77095	46.24	ppb	98
18) Acetone	3.216	58	174648	Below Cal		98
19) Iodomethane	2.790	142	197107	5.59	ppb	99
20) Carbon disulfide	2.686	76	609529	7.74	ppb	100
21) Allyl Chloride	3.076	41	359774	9.56	ppb	98
22) Methyl Acetate	3.319	74	15865	10.87	ppb	87
23) tert-Butyl Alcohol (TBA)	3.721	59	55469	38.09	ppb	91
24) Methylene Chloride	3.167	49	272910	7.04	ppb	99
25) Acrylonitrile	3.879	53	26270	9.53	ppb	95
26) trans-1,2-Dichloroethy...	3.301	61	299600	8.65	ppb	99
27) tert-Butyl Methyl Ethe...	3.398	73	416641	10.30	ppb	68
28) n-hexane	3.368	57	297805	8.05	ppb	98
29) 1,1-Dichloroethane	3.824	63	322463	7.86	ppb	100
30) Vinyl Acetate	4.037	86	18463	9.21	ppb	99
31) Diisopropyl ether (DIPE)	3.721	45	463389	7.56	ppb	98
32) Ethyl-tert-Butyl ether...	4.031	59	404282	8.34	ppb	99
33) cis-1,2-Dichloroethylene	4.280	61	354364	12.05	ppb	99
34) 2-Butanone	4.779	72	16407	40.76	ppb	66
35) 2,2-Dichloropropane	4.372	77	204618	7.53	ppb	99
36) Tetrahydrofuran	4.651	71	8999	9.52	ppb	73
37) Bromochloromethane	4.445	49	113224	8.19	ppb	99
38) Chloroform	4.505	83	300181	7.77	ppb	99
39) 1,1,1-Trichloroethane	4.676	97	261632	8.39	ppb	98
40) Cyclohexane	4.445	56	254724	8.42	ppb	99
41) 1,1-Dichloropropylene	4.785	75	217700	7.45	ppb	99
43) Carbon Tetrachloride	4.621	117	202052	7.97	ppb	99
44) tert-Amyl alcohol (TAA)	5.272	59	42386	130.54	ppb	96
45) 1,2-Dichloroethane	5.169	62	171795	8.57	ppb	100
46) Benzene	4.992	78	714040	7.66	ppb	99

Data Path : C:\msdchem\1\data\VOA7-02-28-26\
 Data File : V7-55524.D
 InstName : MSVOA7
 Acq On : 28 Feb 2026 7:21 pm
 Operator : THD
 Sample : BB61548-MSD1
 Misc : 26B1152-03
 ALS Vial : 61 Sample Multiplier: 1

Quant Time: Mar 04 21:56:39 2026

Quant Method : C:\msdchem\1\methods\Calibration\V7-8260D-R020926.M

Quant Title : Volatile Organics EPA 8260D & 624.1

QLast Update : Wed Feb 11 19:02:20 2026

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
47) tert-Amyl methyl ether...	5.089	73	338421	8.69	ppb	97
49) Trichloroethylene	5.491	95	173474	7.22	ppb	99
50) Methyl Cyclohexane	5.479	83	223519	6.56	ppb	99
51) Methyl Methacrylate	6.142	69	58866	10.12	ppb	99
52) Dibromomethane	5.862	93	75808	9.04	ppb	97
53) Bromodichloromethane	6.002	83	206464	8.11	ppb	99
54) 1,2-Dichloropropane	5.953	63	172273	8.18	ppb	98
55) 1,4-Dioxane	6.197	88	9263	408.33	ppb	79
56) 2-Nitropropane	7.006	43	17273	7.14	ppb	73
58) cis-1,3-Dichloropropene	6.574	75	227912	8.10	ppb	98
59) 4-Methyl-2-Pentanone	7.140	43	69079	46.74	ppb	97
61) Toluene	6.787	91	772955	7.72	ppb	99
62) n-Octane	6.610	85	75298	4.36	ppb	96
63) Ethyl Methacrylate	7.322	69	128397	10.45	ppb	99
64) trans-1,3-Dichloropropene	6.574	75	227912	8.10	ppb	100
65) 1,1,2-Trichloroethane	7.328	97	111333	8.86	ppb	98
66) 1,3-Dichloropropane	7.590	76	197270	9.15	ppb	98
67) Tetrachloroethylene	7.146	166	145429	5.70	ppb	99
68) 2-Hexanone	7.943	43	46192	47.67	ppb	97
69) n-Butyl Actetate	7.851	43	106614	9.93	ppb	99
70) Dibromochloromethane	7.499	129	123669	8.24	ppb	99
71) 1,2-Dibromoethane	7.724	107	102879	9.23	ppb	99
72) Chlorobenzene	8.235	112	473578	7.46	ppb	99
73) 1,1,1,2-tetrachloroethane	8.302	131	157355	8.19	ppb	99
74) n-Nonane	8.168	57	109460	5.96	ppb	99
75) Ethyl Benzene	8.265	91	818232	7.55	ppb	98
76) p- & m-Xylenes	8.411	91	1194642	14.34	ppb	99
77) o-Xylene	8.849	91	622257	7.93	ppb	99
78) Styrene	8.904	104	477826	7.88	ppb	99
79) Bromoform	8.928	173	65685	8.41	ppb	99
81) Isopropylbenzene	9.178	105	744576	7.58	ppb	99
83) 1,1,2,2-Tetrachloroethane	9.695	83	124042	9.58	ppb	98
84) Bromobenzene	9.573	77	328380	7.72	ppb	99
85) trans-1,4-Dichloro-2-b...	9.883	53	26764	8.56	ppb	97
86) 1,2,3-Trichloropropane	9.835	110	34318	9.48	ppb	100
87) n-Propylbenzene	9.616	91	860239	6.92	ppb	99
88) n-Decane	9.597	57	148869	7.44	ppb	99
89) p-Ethyltoluene	9.731	105	696931	6.74	ppb	99
90) 1,3,5-Trimethylbenzene	9.829	105	599006	7.00	ppb	99
91) 2-Chlorotoluene	9.774	91	510173	7.13	ppb	98
92) 4-Chlorotoluene	9.956	91	506842	6.85	ppb	100
93) tert-Butylbenzene	10.169	119	544429	6.80	ppb	91
94) 1,2,4-Trimethylbenzene	10.248	105	603588	7.00	ppb	100
95) sec-Butylbenzene	10.364	105	761947	7.19	ppb	96
96) Limonene	10.333	68	68694	2.42	ppb	# 52
97) 1,3-Dichlorobenzene	10.595	146	322123	6.61	ppb	99
98) p-Isopropyltoluene	10.528	119	612455	6.90	ppb	100
99) 1,4-Dichlorobenzene	10.698	146	313715	6.65	ppb	99
100) 1,2,3-Trimethylbenzene	10.729	105	664213	7.78	ppb	100
101) p-Diethylbenzene	10.936	105	291478	6.32	ppb	99
102) trans-Decahydronapthalene	10.759	138	101967	6.08	ppb	98
103) 1,2-Dichlorobenzene	11.167	146	310179	7.41	ppb	99
104) n-Butylbenzene	10.997	91	521818	5.15	ppb	90
106) n-Undecane	10.911	71	85640	9.26	ppb	97
107) cis-Decahydronapthalene	11.380	138	79640	6.26	ppb	# 97
108) 1,2-Dibromo-3-chloropr...	12.086	75	17180	9.90	ppb	96
109) 1,2,4,5-Tetramethylben...	11.860	119	521388	6.50	ppb	99

Data Path : C:\msdchem\1\data\VOA7-02-28-26\
 Data File : V7-55524.D
 InstName : MSVOA7
 Acq On : 28 Feb 2026 7:21 pm
 Operator : THD
 Sample : BB61548-MSD1
 Misc : 26B1152-03
 ALS Vial : 61 Sample Multiplier: 1

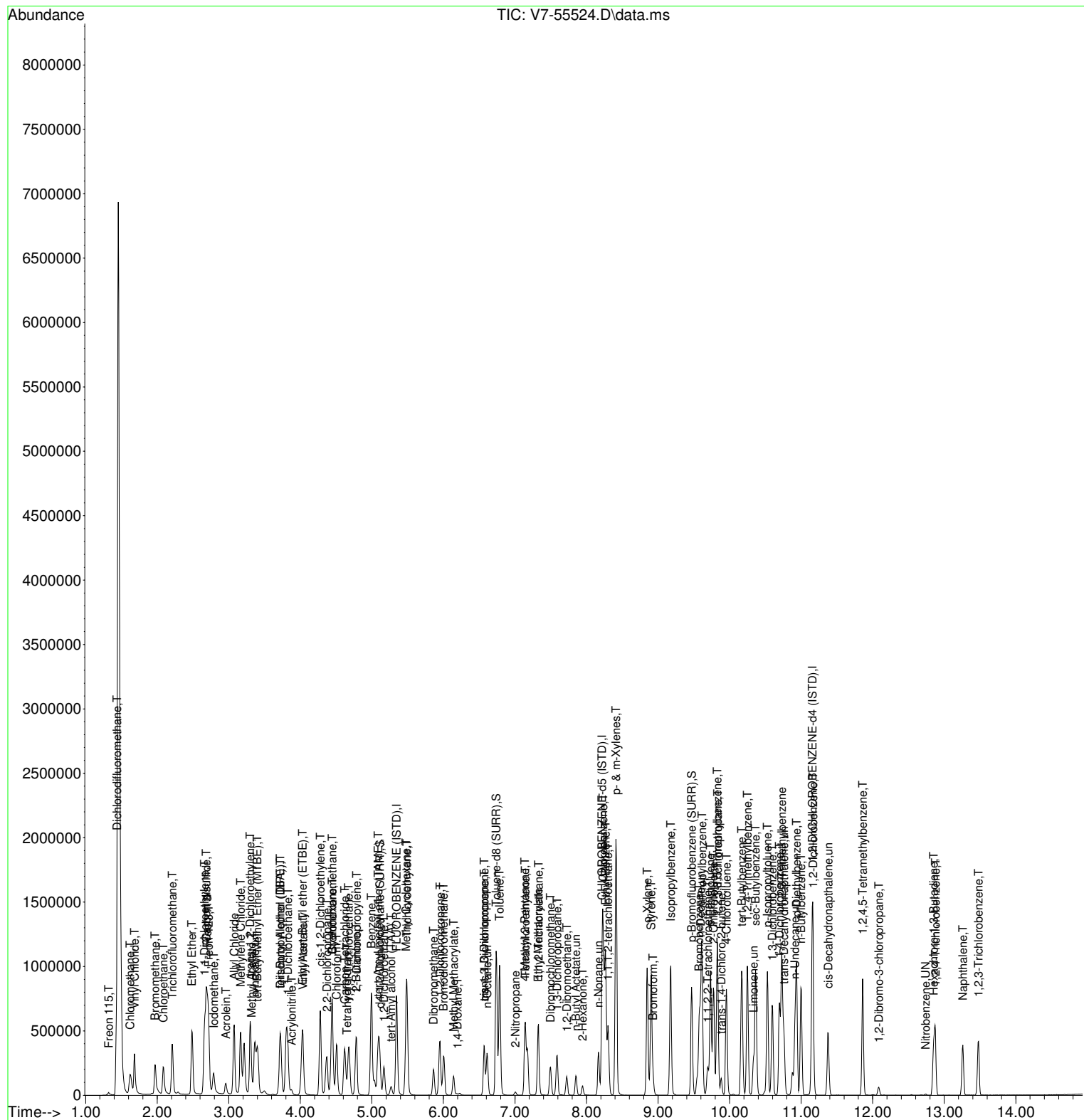
Quant Time: Mar 04 21:56:39 2026
 Quant Method : C:\msdchem\1\methods\Calibration\V7-8260D-R020926.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Wed Feb 11 19:02:20 2026
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
110) Nitrobenzene	12.736	77	4996	8.47	ppb	95
111) 1,2,4-Trichlorobenzene	12.876	180	157784	5.87	ppb	99
112) Hexachloro-1,3-Butadiene	12.852	225	75087	5.79	ppb	99
113) Naphthalene	13.260	128	327656	8.56	ppb	99
114) 1,2,3-Trichlorobenzene	13.479	180	145199	6.77	ppb	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\VOA7-02-28-26\
Data File : V7-55524.D
InstName : MSVOA7
Acq On : 28 Feb 2026 7:21 pm
Operator : THD
Sample : BB61548-MSD1
Misc : 26B1152-03
ALS Vial : 61 Sample Multiplier: 1

Quant Time: Mar 04 21:56:39 2026
Quant Method : C:\msdchem\1\methods\Calibration\V7-8260D-R020926.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Feb 11 19:02:20 2026
Response via : Initial Calibration



FORM III
LCS / LCS DUPLICATE RECOVERY
EPA 8260D

 Laboratory: ALS Environmental - Stratford

 SDG: 26B1152

 Client: Hydro Tech Environmental

 Project: 230051-170 Freeman Rd Brooklyn NY

 Matrix: Water

 Batch: BB61548

 Laboratory ID: BB61548-BS1

 Preparation: EPA 5030B

 Initial/Final: 25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.	Q
1,1,1,2-Tetrachloroethane	10.0	9.83	98.3	82 - 126	
1,1,1-Trichloroethane	10.0	9.62	96.2	78 - 136	
1,1,2,2-Tetrachloroethane	10.0	9.55	95.5	76 - 129	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	12.6	126	54 - 165	
1,1,2-Trichloroethane	10.0	9.20	92.0	82 - 123	
1,1-Dichloroethane	10.0	9.57	95.7	82 - 129	
1,1-Dichloroethylene	10.0	12.0	120	68 - 138	
1,2,3-Trichlorobenzene	10.0	9.26	92.6	76 - 136	
1,2,3-Trichloropropane	10.0	9.46	94.6	77 - 128	
1,2,4-Trichlorobenzene	10.0	9.59	95.9	76 - 137	
1,2,4-Trimethylbenzene	10.0	11.5	115	82 - 132	
1,2-Dibromo-3-chloropropane	10.0	9.19	91.9	45 - 147	
1,2-Dibromoethane	10.0	9.24	92.4	83 - 124	
1,2-Dichlorobenzene	10.0	10.2	102	79 - 123	
1,2-Dichloroethane	10.0	8.89	88.9	73 - 132	
1,2-Dichloropropane	10.0	9.91	99.1	78 - 126	
1,3,5-Trimethylbenzene	10.0	11.6	116	80 - 131	
1,3-Dichlorobenzene	10.0	10.6	106	86 - 122	
1,4-Dichlorobenzene	10.0	10.5	105	85 - 124	
2-Butanone	10.0	42.7	427 *	49 - 152	
2-Hexanone	10.0	37.0	370 *	51 - 146	
4-Methyl-2-pentanone	10.0	39.5	395 *	57 - 145	
Acetone	10.0	37.4	374 *	14 - 150	
Acrolein	40.0	40.4	101	10 - 153	
Acrylonitrile	10.0	8.40	84.0	51 - 150	
Benzene	10.0	9.33	93.3	85 - 126	
Bromochloromethane	10.0	9.09	90.9	77 - 128	

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory: ALS Environmental - Stratford

SDG: 26B1152

Client: Hydro Tech Environmental

Project: 230051-170 Freeman Rd Brooklyn NY

Matrix: Water

Batch: BB61548

Laboratory ID: BB61548-BS1

Preparation: EPA 5030B

Initial/Final: 25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.	Q
Bromodichloromethane	10.0	9.70	97.0	79 - 128	
Bromoform	10.0	8.42	84.2	78 - 133	
Bromomethane	10.0	11.7	117	43 - 168	
Carbon disulfide	10.0	10.9	109	68 - 146	
Carbon tetrachloride	10.0	9.77	97.7	77 - 141	
Chlorobenzene	10.0	10.0	100	88 - 120	
Chloroethane	10.0	16.4	164 *	65 - 136	
Chloroform	10.0	9.05	90.5	82 - 128	
Chloromethane	10.0	10.7	107	43 - 155	
cis-1,2-Dichloroethylene	10.0	9.22	92.2	83 - 129	
cis-1,3-Dichloropropylene	10.0	9.78	97.8	80 - 131	
Cyclohexane	10.0	11.2	112	63 - 149	
Dibromochloromethane	10.0	8.87	88.7	80 - 130	
Dibromomethane	10.0	9.45	94.5	72 - 134	
Dichlorodifluoromethane	10.0	11.5	115	44 - 144	
Ethyl Benzene	10.0	11.0	110	80 - 131	
Hexachlorobutadiene	10.0	11.8	118	67 - 146	
Isopropylbenzene	10.0	11.7	117	76 - 140	
Methyl acetate	10.0	8.80	88.0	51 - 139	
Methyl tert-butyl ether (MTBE)	10.0	8.53	85.3	76 - 135	
Methylcyclohexane	10.0	11.7	117	72 - 143	
Methylene chloride	10.0	7.95	79.5	55 - 137	
n-Butylbenzene	10.0	10.6	106	79 - 132	
n-Propylbenzene	10.0	12.0	120	78 - 133	
o-Xylene	10.0	11.0	110	78 - 130	
p- & m- Xylenes	20.0	21.7	109	77 - 133	
p-Isopropyltoluene	10.0	12.6	126	81 - 136	

FORM III**LCS / LCS DUPLICATE RECOVERY****EPA 8260D**Laboratory: ALS Environmental - StratfordSDG: 26B1152Client: Hydro Tech EnvironmentalProject: 230051-170 Freeman Rd Brooklyn NYMatrix: WaterBatch: BB61548Laboratory ID: BB61548-BS1Preparation: EPA 5030BInitial/Final: 25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.	Q
sec-Butylbenzene	10.0	12.6	126	79 - 137	
Styrene	10.0	10.8	108	67 - 132	
tert-Butyl alcohol (TBA)	50.0	42.2	84.3	25 - 162	
tert-Butylbenzene	10.0	10.2	102	77 - 138	
Tetrachloroethylene	10.0	9.33	93.3	82 - 131	
Toluene	10.0	10.5	105	80 - 127	
trans-1,2-Dichloroethylene	10.0	11.2	112	80 - 132	
trans-1,3-Dichloropropylene	10.0	9.78	97.8	78 - 131	
trans-1,4-dichloro-2-butene	10.0	9.41	94.1	63 - 141	
Trichloroethylene	10.0	10.3	103	82 - 128	
Trichlorofluoromethane	10.0	13.4	134	67 - 139	
Vinyl Chloride	10.0	12.1	121	58 - 145	

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III
LCS / LCS DUPLICATE RECOVERY
EPA 8260D

Laboratory: ALS Environmental - Stratford

SDG: 26B1152

Client: Hydro Tech Environmental

Project: 230051-170 Freeman Rd Brooklyn NY

Matrix: Water

Batch: BB61548

Laboratory ID: BB61548-BSD1

Preparation: EPA 5030B

Initial/Final: 25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS		Q
					RPD	REC.	
1,1,1,2-Tetrachloroethane	10.0	10.1	101	3.01	30	82 - 126	
1,1,1-Trichloroethane	10.0	9.24	92.4	4.03	30	78 - 136	
1,1,2,2-Tetrachloroethane	10.0	10.1	101	5.20	30	76 - 129	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	10.0	100	23.0	30	54 - 165	
1,1,2-Trichloroethane	10.0	10.0	100	8.73	30	82 - 123	
1,1-Dichloroethane	10.0	9.20	92.0	3.94	30	82 - 129	
1,1-Dichloroethylene	10.0	10.2	102	16.3	30	68 - 138	
1,2,3-Trichlorobenzene	10.0	9.81	98.1	5.77	30	76 - 136	
1,2,3-Trichloropropane	10.0	9.92	99.2	4.75	30	77 - 128	
1,2,4-Trichlorobenzene	10.0	9.74	97.4	1.55	30	76 - 137	
1,2,4-Trimethylbenzene	10.0	10.8	108	6.02	30	82 - 132	
1,2-Dibromo-3-chloropropane	10.0	9.84	98.4	6.83	30	45 - 147	
1,2-Dibromoethane	10.0	10.2	102	9.68	30	83 - 124	
1,2-Dichlorobenzene	10.0	10.1	101	0.787	30	79 - 123	
1,2-Dichloroethane	10.0	9.36	93.6	5.15	30	73 - 132	
1,2-Dichloropropane	10.0	10.3	103	3.57	30	78 - 126	
1,3,5-Trimethylbenzene	10.0	10.8	108	7.08	30	80 - 131	
1,3-Dichlorobenzene	10.0	10.3	103	3.45	30	86 - 122	
1,4-Dichlorobenzene	10.0	10.2	102	2.31	30	85 - 124	
2-Butanone	10.0	45.8	458	*	30	49 - 152	
2-Hexanone	10.0	47.9	479	*	30	51 - 146	
4-Methyl-2-pentanone	10.0	46.5	465	*	30	57 - 145	
Acetone	10.0	41.7	417	*	30	14 - 150	
Acrolein	40.0	39.8	99.6	1.45	30	10 - 153	
Acrylonitrile	10.0	9.89	98.9	16.3	30	51 - 150	
Benzene	10.0	9.20	92.0	1.40	30	85 - 126	
Bromochloromethane	10.0	9.42	94.2	3.57	30	77 - 128	

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory: ALS Environmental - StratfordSDG: 26B1152Client: Hydro Tech EnvironmentalProject: 230051-170 Freeman Rd Brooklyn NYMatrix: WaterBatch: BB61548Laboratory ID: BB61548-BSD1Preparation: EPA 5030BInitial/Final: 25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS		Q
					RPD	REC.	
Bromodichloromethane	10.0	10.0	100	3.54	30	79 - 128	
Bromoform	10.0	9.41	94.1	11.1	30	78 - 133	
Bromomethane	10.0	9.36	93.6	22.1	30	43 - 168	
Carbon disulfide	10.0	8.77	87.7	21.7	30	68 - 146	
Carbon tetrachloride	10.0	9.00	90.0	8.20	30	77 - 141	
Chlorobenzene	10.0	10.1	101	0.697	30	88 - 120	
Chloroethane	10.0	13.4	134	20.4	30	65 - 136	
Chloroform	10.0	9.04	90.4	0.111	30	82 - 128	
Chloromethane	10.0	6.62	66.2	47.2 *	30	43 - 155	
cis-1,2-Dichloroethylene	10.0	9.34	93.4	1.29	30	83 - 129	
cis-1,3-Dichloropropylene	10.0	10.4	104	5.76	30	80 - 131	
Cyclohexane	10.0	9.79	97.9	13.0	30	63 - 149	
Dibromochloromethane	10.0	9.57	95.7	7.59	30	80 - 130	
Dibromomethane	10.0	10.4	104	9.09	30	72 - 134	
Dichlorodifluoromethane	10.0	2.79	27.9 *	122 *	30	44 - 144	
Ethyl Benzene	10.0	10.9	109	0.458	30	80 - 131	
Hexachlorobutadiene	10.0	10.7	107	10.0	30	67 - 146	
Isopropylbenzene	10.0	10.8	108	7.72	30	76 - 140	
Methyl acetate	10.0	11.1	111	23.1	30	51 - 139	
Methyl tert-butyl ether (MTBE)	10.0	10.0	100	16.3	30	76 - 135	
Methylcyclohexane	10.0	10.7	107	8.76	30	72 - 143	
Methylene chloride	10.0	8.02	80.2	0.877	30	55 - 137	
n-Butylbenzene	10.0	9.72	97.2	8.66	30	79 - 132	
n-Propylbenzene	10.0	11.0	110	9.47	30	78 - 133	
o-Xylene	10.0	11.0	110	0.455	30	78 - 130	
p- & m- Xylenes	20.0	21.6	108	0.461	30	77 - 133	
p-Isopropyltoluene	10.0	11.7	117	7.49	30	81 - 136	
sec-Butylbenzene	10.0	11.4	114	9.73	30	79 - 137	

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory: ALS Environmental - StratfordSDG: 26B1152Client: Hydro Tech EnvironmentalProject: 230051-170 Freeman Rd Brooklyn NYMatrix: WaterBatch: BB61548Laboratory ID: BB61548-BSD1Preparation: EPA 5030BInitial/Final: 25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS		Q
					RPD	REC.	
Styrene	10.0	11.1	111	2.56	30	67 - 132	
tert-Butyl alcohol (TBA)	50.0	45.0	89.9	6.43	30	25 - 162	
tert-Butylbenzene	10.0	9.43	94.3	7.45	30	77 - 138	
Tetrachloroethylene	10.0	9.01	90.1	3.49	30	82 - 131	
Toluene	10.0	10.4	104	0.862	30	80 - 127	
trans-1,2-Dichloroethylene	10.0	10.8	108	3.82	30	80 - 132	
trans-1,3-Dichloropropylene	10.0	10.4	104	5.76	30	78 - 131	
trans-1,4-dichloro-2-butene	10.0	10.0	100	6.38	30	63 - 141	
Trichloroethylene	10.0	10.0	100	2.66	30	82 - 128	
Trichlorofluoromethane	10.0	10.2	102	27.0	30	67 - 139	
Vinyl Chloride	10.0	7.83	78.3	42.9 *	30	58 - 145	

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory: ALS Environmental - Stratford

SDG: 26B1152

Client: Hydro Tech Environmental

Project: 230051-170 Freeman Rd Brooklyn NY

Matrix: Water

Batch: BC60272

Laboratory ID: BC60272-BS1

Preparation: EPA 5030B

Initial/Final: 25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.	Q
1,1,1,2-Tetrachloroethane	10.0	10.3	103	82 - 126	
1,1,1-Trichloroethane	10.0	11.1	111	78 - 136	
1,1,2,2-Tetrachloroethane	10.0	10.9	109	76 - 129	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	9.43	94.3	54 - 165	
1,1,2-Trichloroethane	10.0	10.4	104	82 - 123	
1,1-Dichloroethane	10.0	11.2	112	82 - 129	
1,1-Dichloroethylene	10.0	9.58	95.8	68 - 138	
1,2,3-Trichlorobenzene	10.0	9.63	96.3	76 - 136	B
1,2,3-Trichloropropane	10.0	10.4	104	77 - 128	
1,2,4-Trichlorobenzene	10.0	9.63	96.3	76 - 137	B
1,2,4-Trimethylbenzene	10.0	11.0	110	82 - 132	
1,2-Dibromo-3-chloropropane	10.0	8.51	85.1	45 - 147	
1,2-Dibromoethane	10.0	10.6	106	83 - 124	
1,2-Dichlorobenzene	10.0	9.96	99.6	79 - 123	
1,2-Dichloroethane	10.0	10.2	102	73 - 132	
1,2-Dichloropropane	10.0	12.0	120	78 - 126	
1,3,5-Trimethylbenzene	10.0	11.1	111	80 - 131	
1,3-Dichlorobenzene	10.0	10.3	103	86 - 122	
1,4-Dichlorobenzene	10.0	10.2	102	85 - 124	
2-Butanone	10.0	10.5	105	49 - 152	
2-Hexanone	10.0	10.2	102	51 - 146	
4-Methyl-2-pentanone	10.0	10.4	104	57 - 145	
Acetone	10.0	12.9	129	14 - 150	
Acrolein	40.0	31.7	79.2	10 - 153	
Acrylonitrile	10.0	9.90	99.0	51 - 150	
Benzene	10.0	11.1	111	85 - 126	
Bromochloromethane	10.0	11.7	117	77 - 128	

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory: ALS Environmental - StratfordSDG: 26B1152Client: Hydro Tech EnvironmentalProject: 230051-170 Freeman Rd Brooklyn NYMatrix: WaterBatch: BC60272Laboratory ID: BC60272-BS1Preparation: EPA 5030BInitial/Final: 25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.	Q
Bromodichloromethane	10.0	11.3	113	79 - 128	
Bromoform	10.0	7.94	79.4	78 - 133	
Bromomethane	10.0	5.17	51.7	43 - 168	
Carbon disulfide	10.0	7.80	78.0	68 - 146	
Carbon tetrachloride	10.0	11.4	114	77 - 141	
Chlorobenzene	10.0	10.6	106	88 - 120	
Chloroethane	10.0	12.8	128	65 - 136	
Chloroform	10.0	11.3	113	82 - 128	
Chloromethane	10.0	7.07	70.7	43 - 155	
cis-1,2-Dichloroethylene	10.0	11.0	110	83 - 129	
cis-1,3-Dichloropropylene	10.0	11.3	113	80 - 131	
Cyclohexane	10.0	11.1	111	63 - 149	
Dibromochloromethane	10.0	9.87	98.7	80 - 130	
Dibromomethane	10.0	10.9	109	72 - 134	
Dichlorodifluoromethane	10.0	4.63	46.3	44 - 144	
Ethyl Benzene	10.0	11.7	117	80 - 131	
Hexachlorobutadiene	10.0	8.54	85.4	67 - 146	
Isopropylbenzene	10.0	11.6	116	76 - 140	
Methyl acetate	10.0	9.85	98.5	51 - 139	
Methyl tert-butyl ether (MTBE)	10.0	10.5	105	76 - 135	
Methylcyclohexane	10.0	11.7	117	72 - 143	
Methylene chloride	10.0	10.4	104	55 - 137	
n-Butylbenzene	10.0	9.16	91.6	79 - 132	
n-Propylbenzene	10.0	11.8	118	78 - 133	
o-Xylene	10.0	11.3	113	78 - 130	
p- & m- Xylenes	20.0	23.0	115	77 - 133	
p-Isopropyltoluene	10.0	11.0	110	81 - 136	

FORM III

LCS / LCS DUPLICATE RECOVERY
EPA 8260DLaboratory: ALS Environmental - StratfordSDG: 26B1152Client: Hydro Tech EnvironmentalProject: 230051-170 Freeman Rd Brooklyn NYMatrix: WaterBatch: BC60272Laboratory ID: BC60272-BS1Preparation: EPA 5030BInitial/Final: 25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.	Q
sec-Butylbenzene	10.0	11.1	111	79 - 137	
Styrene	10.0	10.9	109	67 - 132	
tert-Butyl alcohol (TBA)	50.0	28.9	57.9	25 - 162	
tert-Butylbenzene	10.0	9.65	96.5	77 - 138	
Tetrachloroethylene	10.0	8.66	86.6	82 - 131	
Toluene	10.0	11.6	116	80 - 127	
trans-1,2-Dichloroethylene	10.0	11.0	110	80 - 132	
trans-1,3-Dichloropropylene	10.0	8.29	82.9	78 - 131	
trans-1,4-dichloro-2-butene	10.0	6.80	68.0	63 - 141	
Trichloroethylene	10.0	11.1	111	82 - 128	
Trichlorofluoromethane	10.0	9.88	98.8	67 - 139	
Vinyl Chloride	10.0	8.98	89.8	58 - 145	

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory: ALS Environmental - StratfordSDG: 26B1152Client: Hydro Tech EnvironmentalProject: 230051-170 Freeman Rd Brooklyn NYMatrix: WaterBatch: BC60272Laboratory ID: BC60272-BSD1Preparation: EPA 5030BInitial/Final: 25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS		Q
					RPD	REC.	
1,1,1,2-Tetrachloroethane	10.0	10.2	102	0.975	30	82 - 126	
1,1,1-Trichloroethane	10.0	11.4	114	2.84	30	78 - 136	
1,1,2,2-Tetrachloroethane	10.0	11.2	112	2.53	30	76 - 129	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	11.8	118	22.7	30	54 - 165	
1,1,2-Trichloroethane	10.0	10.7	107	2.84	30	82 - 123	
1,1-Dichloroethane	10.0	11.5	115	2.38	30	82 - 129	
1,1-Dichloroethylene	10.0	12.2	122	23.7	30	68 - 138	
1,2,3-Trichlorobenzene	10.0	8.89	88.9	7.99	30	76 - 136	B
1,2,3-Trichloropropane	10.0	10.1	101	2.92	30	77 - 128	
1,2,4-Trichlorobenzene	10.0	8.89	88.9	7.99	30	76 - 137	B
1,2,4-Trimethylbenzene	10.0	11.0	110	0.364	30	82 - 132	
1,2-Dibromo-3-chloropropane	10.0	7.99	79.9	6.30	30	45 - 147	
1,2-Dibromoethane	10.0	10.9	109	2.51	30	83 - 124	
1,2-Dichlorobenzene	10.0	9.93	99.3	0.302	30	79 - 123	
1,2-Dichloroethane	10.0	10.6	106	4.51	30	73 - 132	
1,2-Dichloropropane	10.0	12.2	122	1.65	30	78 - 126	
1,3,5-Trimethylbenzene	10.0	11.1	111	0.270	30	80 - 131	
1,3-Dichlorobenzene	10.0	10.1	101	1.77	30	86 - 122	
1,4-Dichlorobenzene	10.0	10.2	102	0.00	30	85 - 124	
2-Butanone	10.0	10.6	106	0.664	30	49 - 152	
2-Hexanone	10.0	10.6	106	4.34	30	51 - 146	
4-Methyl-2-pentanone	10.0	10.8	108	4.43	30	57 - 145	
Acetone	10.0	15.0	150	15.1	30	14 - 150	
Acrolein	40.0	50.1	125	44.9 *	30	10 - 153	
Acrylonitrile	10.0	9.52	95.2	3.91	30	51 - 150	
Benzene	10.0	11.6	116	5.02	30	85 - 126	
Bromochloromethane	10.0	12.2	122	4.02	30	77 - 128	

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory: ALS Environmental - StratfordSDG: 26B1152Client: Hydro Tech EnvironmentalProject: 230051-170 Freeman Rd Brooklyn NYMatrix: WaterBatch: BC60272Laboratory ID: BC60272-BSD1Preparation: EPA 5030BInitial/Final: 25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS		Q
					RPD	REC.	
Bromodichloromethane	10.0	11.2	112	0.532	30	79 - 128	
Bromoform	10.0	7.93	79.3	0.126	30	78 - 133	
Bromomethane	10.0	5.61	56.1	8.16	30	43 - 168	
Carbon disulfide	10.0	10.5	105	29.6	30	68 - 146	
Carbon tetrachloride	10.0	11.4	114	0.0875	30	77 - 141	
Chlorobenzene	10.0	10.6	106	0.283	30	88 - 120	
Chloroethane	10.0	13.5	135	5.34	30	65 - 136	
Chloroform	10.0	11.2	112	0.624	30	82 - 128	
Chloromethane	10.0	8.78	87.8	21.6	30	43 - 155	
cis-1,2-Dichloroethylene	10.0	11.6	116	5.31	30	83 - 129	
cis-1,3-Dichloropropylene	10.0	11.1	111	2.14	30	80 - 131	
Cyclohexane	10.0	13.5	135	19.6	30	63 - 149	
Dibromochloromethane	10.0	9.92	99.2	0.505	30	80 - 130	
Dibromomethane	10.0	11.1	111	1.99	30	72 - 134	
Dichlorodifluoromethane	10.0	7.86	78.6	51.7 *	30	44 - 144	
Ethyl Benzene	10.0	11.7	117	0.00	30	80 - 131	
Hexachlorobutadiene	10.0	8.43	84.3	1.30	30	67 - 146	
Isopropylbenzene	10.0	11.6	116	0.172	30	76 - 140	
Methyl acetate	10.0	9.35	93.5	5.21	30	51 - 139	
Methyl tert-butyl ether (MTBE)	10.0	9.56	95.6	9.09	30	76 - 135	
Methylcyclohexane	10.0	13.3	133	12.3	30	72 - 143	
Methylene chloride	10.0	11.1	111	6.61	30	55 - 137	
n-Butylbenzene	10.0	9.24	92.4	0.870	30	79 - 132	
n-Propylbenzene	10.0	11.8	118	0.594	30	78 - 133	
o-Xylene	10.0	11.1	111	1.70	30	78 - 130	
p- & m- Xylenes	20.0	22.9	114	0.653	30	77 - 133	
p-Isopropyltoluene	10.0	11.2	112	1.98	30	81 - 136	
sec-Butylbenzene	10.0	11.2	112	1.07	30	79 - 137	

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory: ALS Environmental - StratfordSDG: 26B1152Client: Hydro Tech EnvironmentalProject: 230051-170 Freeman Rd Brooklyn NYMatrix: WaterBatch: BC60272Laboratory ID: BC60272-BSD1Preparation: EPA 5030BInitial/Final: 25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCSD CONCENTRATION ppb	LCSD % REC. #	% RPD #	QC LIMITS		Q
					RPD	REC.	
Styrene	10.0	10.9	109	0.459	30	67 - 132	
tert-Butyl alcohol (TBA)	50.0	22.3	44.7	25.8	30	25 - 162	
tert-Butylbenzene	10.0	9.79	97.9	1.44	30	77 - 138	
Tetrachloroethylene	10.0	8.75	87.5	1.03	30	82 - 131	
Toluene	10.0	11.6	116	0.776	30	80 - 127	
trans-1,2-Dichloroethylene	10.0	12.3	123	11.0	30	80 - 132	
trans-1,3-Dichloropropylene	10.0	7.85	78.5	5.45	30	78 - 131	
trans-1,4-dichloro-2-butene	10.0	5.13	51.3 *	28.0	30	63 - 141	
Trichloroethylene	10.0	11.2	112	0.984	30	82 - 128	
Trichlorofluoromethane	10.0	11.1	111	12.0	30	67 - 139	
Vinyl Chloride	10.0	10.7	107	17.1	30	58 - 145	

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

LCS RAW DATA

SDG: 26B1152
CLASS: VOA
METHOD: EPA 8260D

Data Path : C:\msdchem\1\data\VOA7-02-28-26\
 Data File : V7-55505.D
 InstName : MSVOA7
 Acq On : 28 Feb 2026 9:53 am
 Operator : THD
 Sample : BB61548-BS1
 Misc : 8260
 ALS Vial : 42 Sample Multiplier: 1

Quant Time: Mar 03 13:48:01 2026

Quant Method : C:\msdchem\1\methods\Calibration\V7-8260D-R020926.M

Quant Title : Volatile Organics EPA 8260D & 624.1

QLast Update : Wed Feb 11 19:02:20 2026

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) FLUOROBENZENE (ISTD)	5.345	50	62907	10.00	ppb	0.00
48) CHLOROBENZENE-d5 (ISTD)	8.216	54	110080	10.00	ppb	0.00
80) 1,2-DICHLOROBENZENE-d4...	11.149	152	227331	10.00	ppb	0.00

System Monitoring Compounds

42) d4-1,2-Dichloroethane ...	5.108	65	101469	9.78	ppb	0.00
Spiked Amount 10.000	Range 69 - 130		Recovery =	97.80%		
60) Toluene-d8 (SURR)	6.738	98	661844	10.87	ppb	0.00
Spiked Amount 10.000	Range 81 - 117		Recovery =	108.70%		
82) p-Bromofluorobenzene (...)	9.464	95	235508	10.72	ppb	0.00
Spiked Amount 10.000	Range 79 - 122		Recovery =	107.20%		

Target Compounds

						Qvalue
2) Freon 115	1.322	85	19109	11.83	ppb	99
3) Freon 152a	1.451	65	99149	10.69	ppb	# 18
4) Dichlorodifluoromethane	1.439	85	217038	11.48	ppb	100
5) Freon 22	1.480	51	588006	16.24	ppb	95
6) Chlorodifluoromethane ...	1.480	51	588006	16.24	ppb	95
7) Chloromethane	1.616	50	270828	10.71	ppb	99
8) Vinyl Chloride	1.683	62	296873	12.11	ppb	100
9) Bromomethane	1.969	94	181743	11.68	ppb	100
10) Chloroethane	2.084	64	193781	16.39	ppb	100
11) Trichlorofluoromethane	2.212	101	339689	13.43	ppb	100
12) Ethyl Ether	2.486	59	225375	18.84	ppb	99
14) Freon 123	2.711	83	325203	11.59	ppb	99
15) 1,1-Dichloroethylene	2.656	61	333562	11.95	ppb	97
16) Freon 113	2.692	101	207634	12.61	ppb	97
17) Acrolein	2.954	56	58987	40.42	ppb	99
18) Acetone	3.216	58	5862	37.42	ppb	97
19) Iodomethane	2.790	142	252489	8.28	ppb	98
20) Carbon disulfide	2.680	76	747232	10.90	ppb	100
21) Allyl Chloride	3.070	41	381728	11.65	ppb	97
22) Methyl Acetate	3.313	74	11183	8.80	ppb	70
23) tert-Butyl Alcohol (TBA)	3.721	59	53453	42.17	ppb	89
24) Methylene Chloride	3.167	49	268188	7.95	ppb	95
25) Acrylonitrile	3.873	53	20141	8.40	ppb	91
26) trans-1,2-Dichloroethy...	3.301	61	337532	11.20	ppb	97
27) tert-Butyl Methyl Ethe...	3.398	73	300310	8.53	ppb	77
28) n-hexane	3.362	57	401721	12.81	ppb	99
29) 1,1-Dichloroethane	3.824	63	341371	9.57	ppb	99
30) Vinyl Acetate	4.037	86	16468	9.43	ppb	98
31) Diisopropyl ether (DIPE)	3.715	45	448281	8.40	ppb	99
32) Ethyl-tert-Butyl ether...	4.025	59	336422	7.98	ppb	99
33) cis-1,2-Dichloroethylene	4.274	61	235967	9.22	ppb	98
34) 2-Butanone	4.779	72	14943	42.68	ppb	99
35) 2,2-Dichloropropane	4.365	77	254228	10.75	ppb	100
36) Tetrahydrofuran	4.645	71	5653	6.87	ppb	56
37) Bromochloromethane	4.445	49	109378	9.09	ppb	93
38) Chloroform	4.505	83	304384	9.05	ppb	99
39) 1,1,1-Trichloroethane	4.676	97	261246	9.62	ppb	97
40) Cyclohexane	4.438	56	293431	11.15	ppb	99
41) 1,1-Dichloropropylene	4.779	75	254679	10.01	ppb	99
43) Carbon Tetrachloride	4.615	117	215704	9.77	ppb	100
44) tert-Amyl alcohol (TAA)	5.266	59	20686	73.19	ppb	96
45) 1,2-Dichloroethane	5.162	62	155037	8.89	ppb	99
46) Benzene	4.992	78	756983	9.33	ppb	99

Data Path : C:\msdchem\1\data\VOA7-02-28-26\
 Data File : V7-55505.D
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 Operator : THD
 Sample : BB61548-BS1
 Misc : 8260
 ALS Vial : 42 Sample Multiplier: 1

Quant Time: Mar 03 13:48:01 2026

Quant Method : C:\msdchem\1\methods\Calibration\V7-8260D-R020926.M

Quant Title : Volatile Organics EPA 8260D & 624.1

QLast Update : Wed Feb 11 19:02:20 2026

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
47) tert-Amyl methyl ether...	5.089	73	264440	7.80	ppb	100
49) Trichloroethylene	5.485	95	202033	10.27	ppb	98
50) Methyl Cyclohexane	5.479	83	313736	11.68	ppb	97
51) Methyl Methacrylate	6.136	69	43099	9.05	ppb	97
52) Dibromomethane	5.856	93	64792	9.45	ppb	97
53) Bromodichloromethane	6.002	83	202044	9.70	ppb	99
54) 1,2-Dichloropropane	5.947	63	170780	9.91	ppb	99
55) 1,4-Dioxane	6.184	88	4733	249.94	ppb	89
56) 2-Nitropropane	7.000	43	13057	6.60	ppb	74
58) cis-1,3-Dichloropropene	6.568	75	225112	9.78	ppb	97
59) 4-Methyl-2-Pentanone	7.140	43	47980	39.46	ppb	96
61) Toluene	6.781	91	857951	10.48	ppb	99
62) n-Octane	6.610	85	141142	11.16	ppb	94
63) Ethyl Methacrylate	7.322	69	93893	9.34	ppb	95
64) trans-1,3-Dichloropropene	6.568	75	225112	9.78	ppb	99
65) 1,1,2-Trichloroethane	7.322	97	94609	9.20	ppb	98
66) 1,3-Dichloropropane	7.584	76	169320	9.60	ppb	99
67) Tetrachloroethylene	7.140	166	194671	9.33	ppb	100
68) 2-Hexanone	7.943	43	29587	37.01	ppb	97
69) n-Butyl Actetate	7.851	43	77931	8.88	ppb	98
70) Dibromochloromethane	7.492	129	108925	8.87	ppb	99
71) 1,2-Dibromoethane	7.718	107	84254	9.24	ppb	100
72) Chlorobenzene	8.235	112	519935	10.01	ppb	98
73) 1,1,1,2-tetrachloroethane	8.302	131	154503	9.83	ppb	99
74) n-Nonane	8.168	57	197113	13.11	ppb	100
75) Ethyl Benzene	8.259	91	970424	10.95	ppb	98
76) p- & m-Xylenes	8.411	91	1480394	21.72	ppb	98
77) o-Xylene	8.843	91	703880	10.97	ppb	98
78) Styrene	8.898	104	535454	10.79	ppb	98
79) Bromoform	8.922	173	53760	8.42	ppb	99
81) Isopropylbenzene	9.172	105	905993	11.71	ppb	99
83) 1,1,2,2-Tetrachloroethane	9.689	83	97309	9.55	ppb	99
84) Bromobenzene	9.573	77	355880	10.63	ppb	98
85) trans-1,4-Dichloro-2-b...	9.877	53	23154	9.41	ppb	96
86) 1,2,3-Trichloropropane	9.829	110	26969	9.46	ppb	99
87) n-Propylbenzene	9.610	91	1180384	12.05	ppb	99
88) n-Decane	9.597	57	228907	14.53	ppb	99
89) p-Ethyltoluene	9.731	105	959626	11.78	ppb	99
90) 1,3,5-Trimethylbenzene	9.822	105	778780	11.56	ppb	99
91) 2-Chlorotoluene	9.774	91	635046	11.27	ppb	100
92) 4-Chlorotoluene	9.950	91	656683	11.28	ppb	99
93) tert-Butylbenzene	10.169	119	640998	10.16	ppb	90
94) 1,2,4-Trimethylbenzene	10.242	105	777930	11.46	ppb	99
95) sec-Butylbenzene	10.364	105	1052669	12.61	ppb	99
96) Limonene	10.327	68	220475	10.35	ppb	97
97) 1,3-Dichlorobenzene	10.595	146	407247	10.62	ppb	99
98) p-Isopropyltoluene	10.522	119	880735	12.60	ppb	99
99) 1,4-Dichlorobenzene	10.692	146	389362	10.49	ppb	99
100) 1,2,3-Trimethylbenzene	10.723	105	765543	11.38	ppb	99
101) p-Diethylbenzene	10.930	105	449787	12.39	ppb	98
102) trans-Decahydronapthalene	10.759	138	178420	13.52	ppb	97
103) 1,2-Dichlorobenzene	11.161	146	335980	10.20	ppb	99
104) n-Butylbenzene	10.997	91	846193	10.60	ppb	90
106) n-Undecane	10.911	71	113997	15.65	ppb	96
107) cis-Decahydronapthalene	11.374	138	133555	13.34	ppb	# 97
108) 1,2-Dibromo-3-chloropr...	12.073	75	12556	9.19	ppb	96
109) 1,2,4,5-Tetramethylben...	11.854	119	707867	11.21	ppb	99

Data Path : C:\msdchem\1\data\VOA7-02-28-26\
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 Sample : BB61548-BS1
 Misc : 8260
 ALS Vial : 42 Sample Multiplier: 1

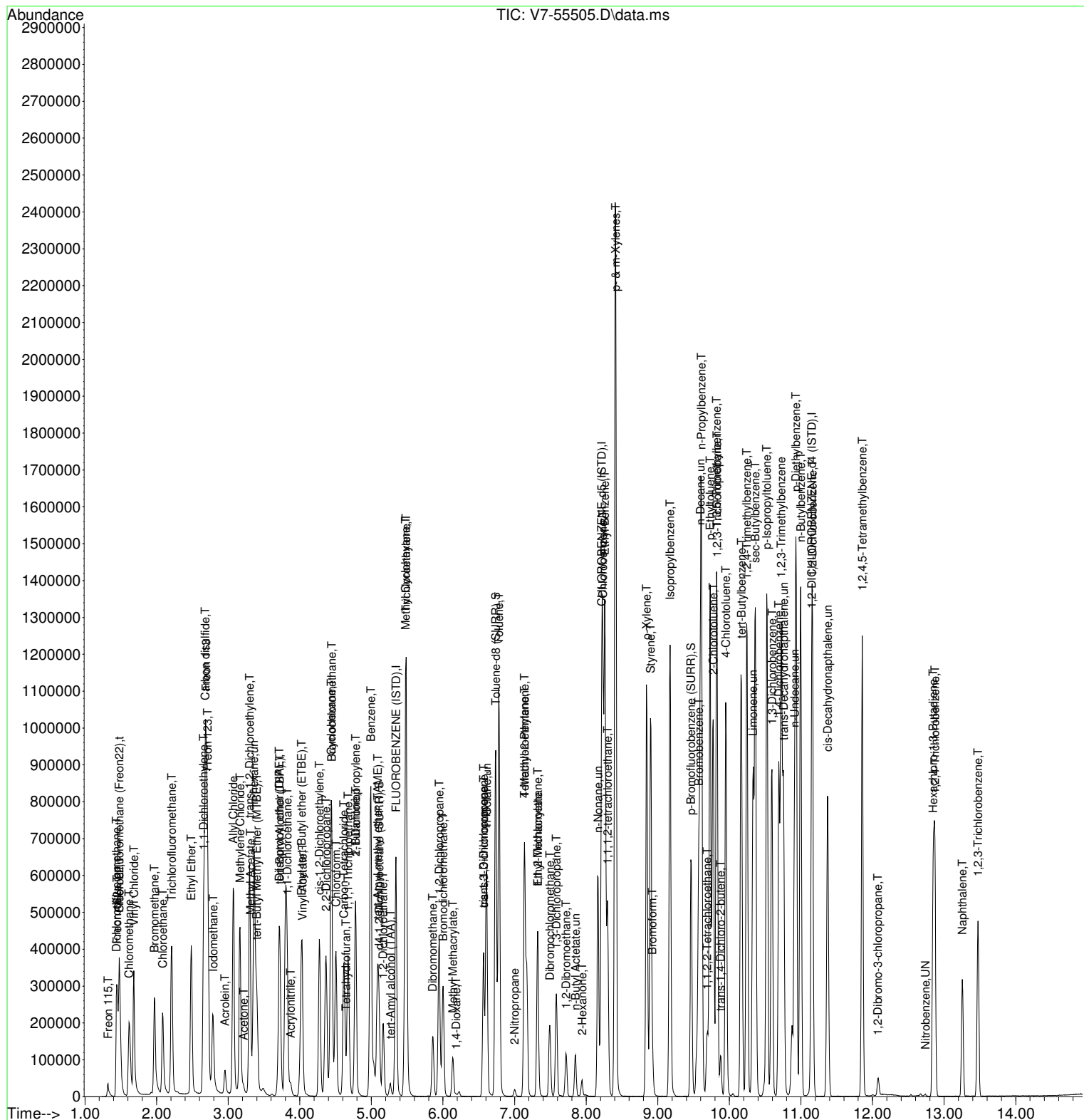
Quant Time: Mar 03 13:48:01 2026
 Quant Method : C:\msdchem\1\methods\Calibration\V7-8260D-R020926.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Wed Feb 11 19:02:20 2026
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
110) Nitrobenzene	12.736	77	3582	7.72	ppb	93
111) 1,2,4-Trichlorobenzene	12.870	180	202740	9.59	ppb	99
112) Hexachloro-1,3-Butadiene	12.846	225	120657	11.81	ppb	99
113) Naphthalene	13.254	128	264537	8.78	ppb	99
114) 1,2,3-Trichlorobenzene	13.473	180	156334	9.26	ppb	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\VOA7-02-28-26\
Data File : V7-55505.D
InstName : MSVOA7
Acq On : 28 Feb 2026 9:53 am
Operator : THD
Sample : BB61548-BS1
Misc : 8260
ALS Vial : 42 Sample Multiplier: 1

Quant Time: Mar 03 13:48:01 2026
Quant Method : C:\msdchem\1\methods\Calibration\V7-8260D-R020926.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Feb 11 19:02:20 2026
Response via : Initial Calibration



Data Path : C:\msdchem\1\data\VOA7-02-28-26\
 Data File : V7-55506.D
 InstName : MSVOA7
 Acq On : 28 Feb 2026 10:22 am
 Operator : THD
 Sample : BB61548-BSD1
 Misc : 8260
 ALS Vial : 43 Sample Multiplier: 1

Quant Time: Mar 03 13:49:13 2026

Quant Method : C:\msdchem\1\methods\Calibration\V7-8260D-R020926.M

Quant Title : Volatile Organics EPA 8260D & 624.1

QLast Update : Wed Feb 11 19:02:20 2026

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)

Internal Standards						
1) FLUOROBENZENE (ISTD)	5.345	50	65850	10.00	ppb	0.00
48) CHLOROBENZENE-d5 (ISTD)	8.216	54	115452	10.00	ppb	0.00
80) 1,2-DICHLOROBENZENE-d4...	11.155	152	255170	10.00	ppb	0.00
System Monitoring Compounds						
42) d4-1,2-Dichloroethane ...	5.108	65	112428	10.36	ppb	0.00
Spiked Amount 10.000	Range 69 - 130		Recovery	=	103.60%	
60) Toluene-d8 (SURR)	6.738	98	689945	10.80	ppb	0.00
Spiked Amount 10.000	Range 81 - 117		Recovery	=	108.00%	
82) p-Bromofluorobenzene (...)	9.470	95	258380	10.48	ppb	0.00
Spiked Amount 10.000	Range 79 - 122		Recovery	=	104.80%	
Target Compounds						
						Qvalue
3) Freon 152a	1.457	65	50603	5.10	ppb	# 1
4) Dichlorodifluoromethane	1.439	85	57141	2.79	ppb	99
5) Freon 22	1.480	51	373830	9.62	ppb	# 91
6) Chlorodifluoromethane ...	1.480	51	373830	9.62	ppb	# 91
7) Chloromethane	1.622	50	175330	6.62	ppb	99
8) Vinyl Chloride	1.683	62	200976	7.83	ppb	98
9) Bromomethane	1.969	94	152531	9.36	ppb	99
10) Chloroethane	2.090	64	165362	13.36	ppb	99
11) Trichlorofluoromethane	2.212	101	271121	10.24	ppb	100
12) Ethyl Ether	2.486	59	251186	20.06	ppb	98
14) Freon 123	2.711	83	309169	10.53	ppb	97
15) 1,1-Dichloroethylene	2.662	61	296540	10.15	ppb	97
16) Freon 113	2.692	101	172515	10.01	ppb	98
17) Acrolein	2.960	56	60902	39.84	ppb	99
18) Acetone	3.216	58	6824	41.70	ppb	91
19) Iodomethane	2.790	142	216137	6.75	ppb	97
20) Carbon disulfide	2.686	76	629424	8.77	ppb	100
21) Allyl Chloride	3.076	41	380438	11.10	ppb	98
22) Methyl Acetate	3.319	74	14768	11.10	ppb	76
23) tert-Butyl Alcohol (TBA)	3.721	59	59670	44.97	ppb	89
24) Methylene Chloride	3.167	49	283147	8.02	ppb	95
25) Acrylonitrile	3.873	53	24830	9.89	ppb	97
26) trans-1,2-Dichloroethy...	3.301	61	339980	10.78	ppb	96
27) tert-Butyl Methyl Ethe...	3.398	73	370235	10.04	ppb	90
28) n-hexane	3.368	57	361038	10.88	ppb	98
29) 1,1-Dichloroethane	3.824	63	343540	9.20	ppb	100
30) Vinyl Acetate	4.037	86	18384	10.06	ppb	96
31) Diisopropyl ether (DIPE)	3.721	45	498439	8.92	ppb	99
32) Ethyl-tert-Butyl ether...	4.025	59	398446	9.02	ppb	100
33) cis-1,2-Dichloroethylene	4.280	61	250276	9.34	ppb	97
34) 2-Butanone	4.779	72	16764	45.80	ppb	93
35) 2,2-Dichloropropane	4.365	77	254598	10.28	ppb	99
36) Tetrahydrofuran	4.645	71	7316	8.49	ppb	66
37) Bromochloromethane	4.445	49	118750	9.42	ppb	94
38) Chloroform	4.505	83	317981	9.04	ppb	98
39) 1,1,1-Trichloroethane	4.676	97	262796	9.24	ppb	98
40) Cyclohexane	4.445	56	269628	9.79	ppb	98
41) 1,1-Dichloropropylene	4.779	75	252475	9.48	ppb	99
43) Carbon Tetrachloride	4.621	117	208009	9.00	ppb	100
44) tert-Amyl alcohol (TAA)	5.266	59	30963	104.65	ppb	96
45) 1,2-Dichloroethane	5.168	62	170957	9.36	ppb	99
46) Benzene	4.992	78	781094	9.20	ppb	99
47) tert-Amyl methyl ether...	5.089	73	321517	9.06	ppb	99

Data Path : C:\msdchem\1\data\VOA7-02-28-26\
 Data File : V7-55506.D
 InstName : MSVOA7
 Acq On : 28 Feb 2026 10:22 am
 Operator : THD
 Sample : BB61548-BSD1
 Misc : 8260
 ALS Vial : 43 Sample Multiplier: 1

Quant Time: Mar 03 13:49:13 2026

Quant Method : C:\msdchem\1\methods\Calibration\V7-8260D-R020926.M

Quant Title : Volatile Organics EPA 8260D & 624.1

QLast Update : Wed Feb 11 19:02:20 2026

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Trichloroethylene	5.491	95	206266	10.00	ppb	98
50) Methyl Cyclohexane	5.479	83	303460	10.70	ppb	97
51) Methyl Methacrylate	6.142	69	52465	10.51	ppb	97
52) Dibromomethane	5.862	93	74429	10.35	ppb	96
53) Bromodichloromethane	6.002	83	219500	10.05	ppb	99
54) 1,2-Dichloropropane	5.947	63	185554	10.27	ppb	99
55) 1,4-Dioxane	6.184	88	6451	328.05	ppb	79
56) 2-Nitropropane	7.006	43	16221	7.81	ppb	72
58) cis-1,3-Dichloropropene	6.568	75	250125	10.36	ppb	98
59) 4-Methyl-2-Pentanone	7.140	43	58979	46.50	ppb	96
61) Toluene	6.787	91	892360	10.39	ppb	100
62) n-Octane	6.610	85	130904	9.61	ppb	94
63) Ethyl Methacrylate	7.322	69	115777	10.98	ppb	97
64) trans-1,3-Dichloropropene	6.568	75	250125	10.36	ppb	99
65) 1,1,2-Trichloroethane	7.322	97	108230	10.04	ppb	98
66) 1,3-Dichloropropane	7.584	76	190370	10.29	ppb	98
67) Tetrachloroethylene	7.140	166	197080	9.01	ppb	100
68) 2-Hexanone	7.943	43	39836	47.93	ppb	93
69) n-Butyl Actetate	7.851	43	98053	10.65	ppb	100
70) Dibromochloromethane	7.492	129	123152	9.57	ppb	99
71) 1,2-Dibromoethane	7.724	107	97262	10.18	ppb	99
72) Chlorobenzene	8.235	112	549540	10.08	ppb	97
73) 1,1,1,2-tetrachloroethane	8.295	131	166926	10.13	ppb	99
74) n-Nonane	8.168	57	186227	11.81	ppb	99
75) Ethyl Benzene	8.265	91	1013500	10.90	ppb	98
76) p- & m-Xylenes	8.411	91	1545857	21.62	ppb	98
77) o-Xylene	8.849	91	741392	11.02	ppb	99
78) Styrene	8.904	104	576188	11.07	ppb	98
79) Bromoform	8.928	173	63043	9.41	ppb	99
81) Isopropylbenzene	9.171	105	941569	10.84	ppb	99
83) 1,1,2,2-Tetrachloroethane	9.695	83	115138	10.06	ppb	99
84) Bromobenzene	9.573	77	386961	10.29	ppb	98
85) trans-1,4-Dichloro-2-b...	9.877	53	27713	10.03	ppb	97
86) 1,2,3-Trichloropropane	9.835	110	31733	9.92	ppb	98
87) n-Propylbenzene	9.610	91	1205435	10.96	ppb	99
88) n-Decane	9.597	57	218193	12.34	ppb	100
89) p-Ethyltoluene	9.731	105	1027461	11.24	ppb	99
90) 1,3,5-Trimethylbenzene	9.829	105	814123	10.77	ppb	99
91) 2-Chlorotoluene	9.774	91	669356	10.58	ppb	99
92) 4-Chlorotoluene	9.950	91	703055	10.76	ppb	99
93) tert-Butylbenzene	10.169	119	667625	9.43	ppb	91
94) 1,2,4-Trimethylbenzene	10.248	105	822415	10.79	ppb	99
95) sec-Butylbenzene	10.364	105	1072096	11.44	ppb	100
96) Limonene	10.333	68	215981	8.96	ppb	99
97) 1,3-Dichlorobenzene	10.595	146	441643	10.26	ppb	99
98) p-Isopropyltoluene	10.528	119	917411	11.69	ppb	99
99) 1,4-Dichlorobenzene	10.692	146	427259	10.25	ppb	99
100) 1,2,3-Trimethylbenzene	10.729	105	856468	11.34	ppb	99
101) p-Diethylbenzene	10.930	105	476301	11.69	ppb	99
102) trans-Decahydronapthalene	10.759	138	172306	11.63	ppb	97
103) 1,2-Dichlorobenzene	11.161	146	374055	10.12	ppb	99
104) n-Butylbenzene	10.997	91	870900	9.72	ppb	91
106) n-Undecane	10.911	71	108167	13.23	ppb	94
107) cis-Decahydronapthalene	11.374	138	130278	11.59	ppb	# 97
108) 1,2-Dibromo-3-chloropr...	12.079	75	15083	9.84	ppb	97
109) 1,2,4,5-Tetramethylben...	11.860	119	783777	11.05	ppb	100
110) Nitrobenzene	12.743	77	4051	7.77	ppb	93

Data Path : C:\msdchem\1\data\VOA7-02-28-26\
 Data File : V7-55506.D
 InstName : MSVOA7
 Acq On : 28 Feb 2026 10:22 am
 Operator : THD
 Sample : BB61548-BSD1
 Misc : 8260
 ALS Vial : 43 Sample Multiplier: 1

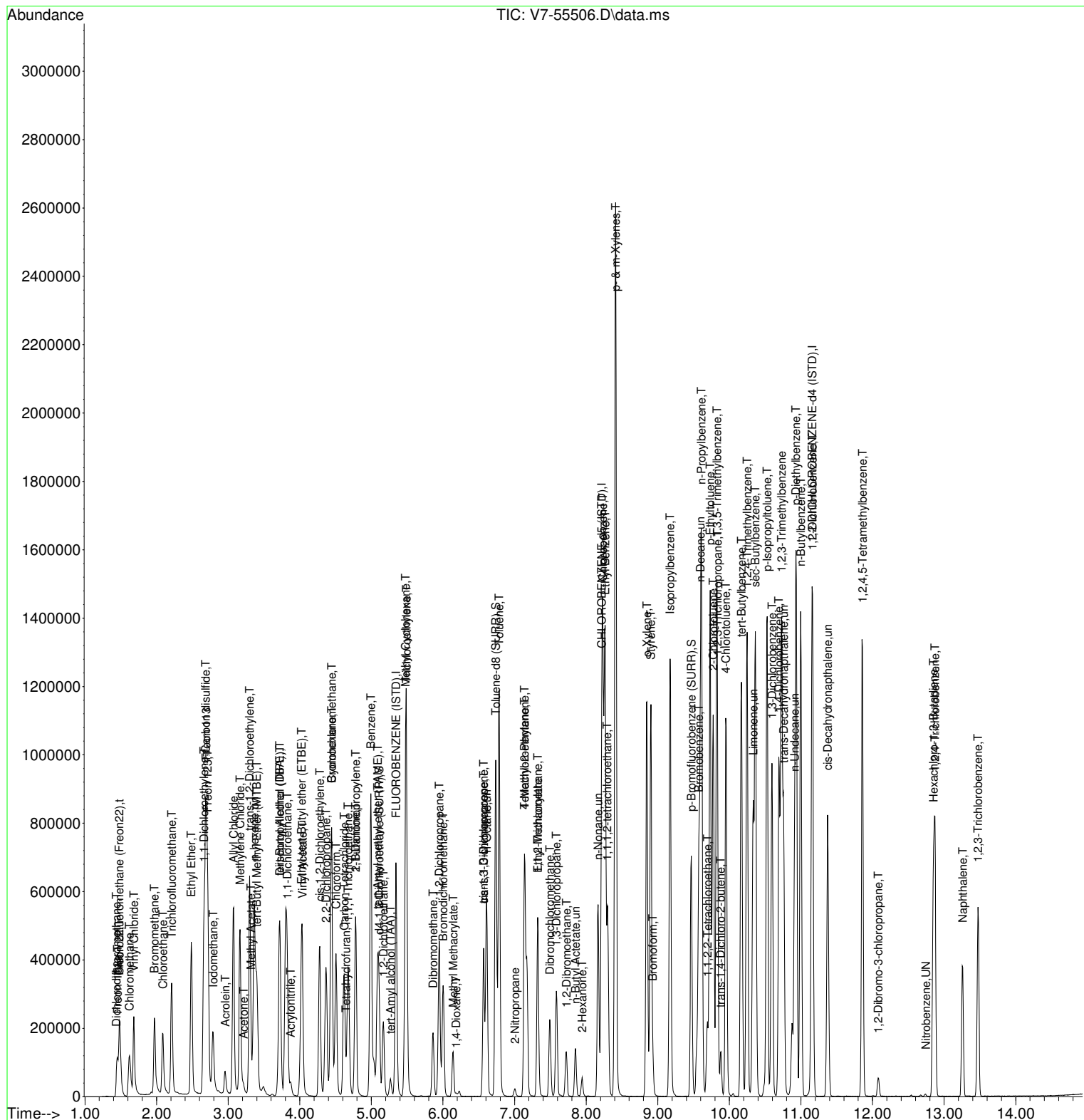
Quant Time: Mar 03 13:49:13 2026
 Quant Method : C:\msdchem\1\methods\Calibration\V7-8260D-R020926.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Wed Feb 11 19:02:20 2026
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
111) 1,2,4-Trichlorobenzene	12.870	180	231196	9.74	ppb	99
112) Hexachloro-1,3-Butadiene	12.852	225	122471	10.68	ppb	98
113) Naphthalene	13.260	128	329489	9.74	ppb	100
114) 1,2,3-Trichlorobenzene	13.473	180	185802	9.81	ppb	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\VOA7-02-28-26\
Data File : V7-55506.D
InstName : MSVOA7
Acq On : 28 Feb 2026 10:22 am
Operator : THD
Sample : BB61548-BSD1
Misc : 8260
ALS Vial : 43 Sample Multiplier: 1

Quant Time: Mar 03 13:49:13 2026
Quant Method : C:\msdchem\1\methods\Calibration\V7-8260D-R020926.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Feb 11 19:02:20 2026
Response via : Initial Calibration



LCS RAW DATA

SDG: 26B1152
CLASS: VOA
METHOD: EPA 8260D

Data File : V10C19067.D
 Data Path : C:\msdchem\1\data\V10-03-05-2026\
 Acq On : 5 Mar 2026 9:18 am
 Operator : THD
 Sample : BC60272-BS1
 Misc :
 ALS Vial : 25
 InstName : VOA No. 10
 DataAcq Meth:VOA10ACQ.M

Multiplr: 1.00

Quant Time: Mar 05 10:02:46 2026
 QMeth File : V10-8260D-R020926.M
 Quant Method : C:\msdchem\1\methods\V10-8260D-R020926.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Wed Feb 11 17:28:59 2026
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)

Internal Standards						
1) FLUOROBENZENE (ISTD)	5.618	50	74056	10.00	ppb	0.00
48) CHLOROBENZENE-d5 (ISTD)	8.514	119	134243	10.00	ppb	0.00
80) 1,2-DICHLOROBENZENE-d4...	11.464	152	133544	10.00	ppb	0.00
System Monitoring Compounds						
42) d4-1,2-Dichloroethane ...	5.380	65	119665	9.24	ppb	0.00
Spiked Amount 10.000	Range	69 - 130	Recovery	=	92.40%	
60) Toluene-d8 (SURR)	7.020	98	626112	10.53	ppb	0.00
Spiked Amount 10.000	Range	81 - 117	Recovery	=	105.30%	
82) p-Bromofluorobenzene (...)	9.769	95	197161	11.25	ppb	0.00
Spiked Amount 10.000	Range	79 - 122	Recovery	=	112.50%	
Target Compounds						Qvalue
2) Freon 115	1.452	85	730	0.73	ppb	# 84
3) Freon 152a	1.593	65	31250	6.47	ppb	# 1
4) Dichlorodifluoromethane	1.587	85	46956	4.63	ppb	99
5) Freon 22	1.628	67	24425	12.96	ppb	60
6) Chlorodifluoromethane ...	1.628	67	24425	12.96	ppb	60
7) Chloromethane	1.777	50	103448	7.07	ppb	99
8) Vinyl Chloride	1.856	62	121127	8.98	ppb	100
9) Bromomethane	2.167	94	33659	5.17	ppb	98
10) Chloroethane	2.295	64	91925	12.77	ppb	100
11) Trichlorofluoromethane	2.423	101	149363	9.88	ppb	99
12) Ethyl Ether	2.691	59	156538	18.86	ppb	96
14) Freon 123	2.941	83	191759	10.51	ppb	96
15) 1,1-Dichloroethylene	2.893	61	182633	9.58	ppb	94
16) Freon 113	2.917	101	104271	9.43	ppb	96
17) Acrolein	3.197	56	35565	31.70	ppb	91
18) Acetone	3.454	58	8301	12.91	ppb	87
19) Iodomethane	3.033	142	55406	9.68	ppb	99
20) Carbon disulfide	2.923	76	298936	7.80	ppb	100
21) Allyl Chloride	3.319	41	172411	7.05	ppb	96
22) Methyl Acetate	3.612	74	8110	9.85	ppb	69
23) tert-Butyl Alcohol (TBA)	3.691	59	6375	28.93	ppb	81
24) Methylene Chloride	3.423	49	176981	10.39	ppb	91
25) Acrylonitrile	4.136	53	16646	9.90	ppb	96
26) trans-1,2-Dichloroethy...	3.551	61	229828	10.99	ppb	93
27) tert-Butyl Methyl Ethe...	3.606	73	192714	10.47	ppb	74
28) n-hexane	3.606	57	269904	8.94	ppb	94
29) 1,1-Dichloroethane	4.088	63	233762	11.19	ppb	99
30) Vinyl Acetate	4.283	86	12234	9.35	ppb	69
31) Diisopropyl ether (DIPE)	3.941	45	388283	10.76	ppb	95
32) Ethyl-tert-Butyl ether...	4.252	59	238348	9.30	ppb	93
33) cis-1,2-Dichloroethylene	4.545	61	189556	10.99	ppb	93
34) 2-Butanone	5.039	72	12692	10.50	ppb	85
35) 2,2-Dichloropropane	4.630	77	113635	10.27	ppb	88
36) Tetrahydrofuran	4.911	71	5109	9.22	ppb	# 52
37) Bromochloromethane	4.715	49	88507	11.71	ppb	85
38) Chloroform	4.776	83	226236	11.26	ppb	97
39) 1,1,1-Trichloroethane	4.947	97	177918	11.12	ppb	98
40) Cyclohexane	4.709	56	224306	11.11	ppb	96
41) 1,1-Dichloropropylene	5.051	75	191040	11.65	ppb	85
43) Carbon Tetrachloride	4.892	117	132947	11.43	ppb	98
44) tert-Amyl alcohol (TAA)	5.520	59	14616	61.84	ppb	# 54

Data File : V10C19067.D
 Data Path : C:\msdchem\1\data\V10-03-05-2026\
 Acq On : 5 Mar 2026 9:18 am
 Operator : THD
 Sample : BC60272-BS1
 Misc :
 ALS Vial : 25
 InstName : VOA No. 10
 DataAcq Meth:VOA10ACQ.M

Multiplr: 1.00

Quant Time: Mar 05 10:02:46 2026
 QMeth File : V10-8260D-R020926.M
 Quant Method : C:\msdchem\1\methods\V10-8260D-R020926.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Wed Feb 11 17:28:59 2026
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
45) 1,2-Dichloroethane	5.447	62	120267	10.18	ppb	99
46) Benzene	5.264	78	575902	11.08	ppb	100
47) tert-Amyl methyl ether...	5.343	73	166356	8.64	ppb	89
49) Trichloroethylene	5.764	95	137812	11.12	ppb	93
50) Methyl Cyclohexane	5.758	83	216238	11.72	ppb	95
51) Methyl Methacrylate	6.410	69	37544	10.03	ppb	91
52) Dibromomethane	6.142	93	42197	10.92	ppb	91
53) Bromodichloromethane	6.282	83	132843	11.30	ppb	98
54) 1,2-Dichloropropane	6.227	63	135699	12.03	ppb	97
55) 1,4-Dioxane	6.459	88	10860	238.15	ppb	95
56) 2-Nitropropane	6.886	43	130146	54.59	ppb	98
58) cis-1,3-Dichloropropene	6.849	75	158968	11.34	ppb	97
59) 4-Methyl-2-Pentanone	7.422	43	43804	10.37	ppb	95
61) Toluene	7.069	91	609204	11.56	ppb	99
62) n-Octane	6.886	85	56181	9.90	ppb	90
63) Ethyl Methacrylate	7.599	69	78587	10.30	ppb	93
64) trans-1,3-Dichloropropene	7.459	75	107545	8.29	ppb	98
65) 1,1,2-Trichloroethane	7.611	97	62923	10.40	ppb	96
66) 1,3-Dichloropropane	7.879	76	127140	11.38	ppb	97
67) Tetrachloroethylene	7.428	166	122250	8.66	ppb	96
68) 2-Hexanone	8.227	43	28768	10.15	ppb	94
69) n-Butyl Actetate	8.129	43	71736	9.92	ppb	99
70) Dibromochloromethane	7.788	129	60152	9.87	ppb	99
71) 1,2-Dibromoethane	8.020	107	52826	10.64	ppb	99
72) Chlorobenzene	8.532	112	325807	10.60	ppb	95
73) 1,1,1,2-tetrachloroethane	8.593	131	86391	10.31	ppb	99
74) n-Nonane	8.446	57	59128	10.60	ppb	95
75) Ethyl Benzene	8.556	91	661124	11.67	ppb	96
76) p- & m-Xylenes	8.703	91	983329	23.03	ppb	98
77) o-Xylene	9.141	91	455299	11.29	ppb	97
78) Styrene	9.196	104	316115	10.93	ppb	96
79) Bromoform	9.227	173	21723	7.94	ppb	98
81) Isopropylbenzene	9.465	105	551170	11.62	ppb	98
83) 1,1,2,2-Tetrachloroethane	9.989	83	52705	10.91	ppb	99
84) Bromobenzene	9.879	77	205748	11.65	ppb	92
85) trans-1,4-Dichloro-2-b...	10.184	53	9067	6.80	ppb	# 77
86) 1,2,3-Trichloropropane	10.135	110	15503	10.41	ppb	98
87) n-Propylbenzene	9.910	91	633672	11.75	ppb	98
88) n-Decane	9.879	57	50442	12.65	ppb	96
89) p-Ethyltoluene	10.025	105	483653	11.16	ppb	97
90) 1,3,5-Trimethylbenzene	10.117	105	378945	11.09	ppb	97
91) 2-Chlorotoluene	10.074	91	379289	11.34	ppb	97
92) 4-Chlorotoluene	10.257	91	347110	11.52	ppb	96
93) tert-Butylbenzene	10.464	119	303460	9.65	ppb	91
94) 1,2,4-Trimethylbenzene	10.544	105	356067	11.02	ppb	97
95) sec-Butylbenzene	10.659	105	434433	11.13	ppb	98
96) Limonene	10.623	68	76600	10.10	ppb	# 72
97) 1,3-Dichlorobenzene	10.903	146	157908	10.27	ppb	97
98) p-Isopropyltoluene	10.818	119	338007	11.00	ppb	98
99) 1,4-Dichlorobenzene	11.001	146	155554	10.20	ppb	97
100) 1,2,3-Trimethylbenzene	11.025	105	322264	10.80	ppb	99
101) p-Diethylbenzene	11.226	105	142392	10.80	ppb	98
102) trans-Decahydronapthalene	11.062	138	34246	8.55	ppb	87
103) 1,2-Dichlorobenzene	11.476	146	123494	9.96	ppb	97
104) n-Butylbenzene	11.293	91	264898	9.16	ppb	92

Data File : V10C19067.D
 Data Path : C:\msdchem\1\data\V10-03-05-2026\
 Acq On : 5 Mar 2026 9:18 am
 Operator : THD
 Sample : BC60272-BS1
 Misc :
 ALS Vial : 25
 InstName : VOA No. 10
 DataAcq Meth:VOA10ACQ.M
 Multiplr: 1.00

Quant Time: Mar 05 10:02:46 2026
 QMeth File : V10-8260D-R020926.M
 Quant Method : C:\msdchem\1\methods\V10-8260D-R020926.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Wed Feb 11 17:28:59 2026
 Response via : Initial Calibration

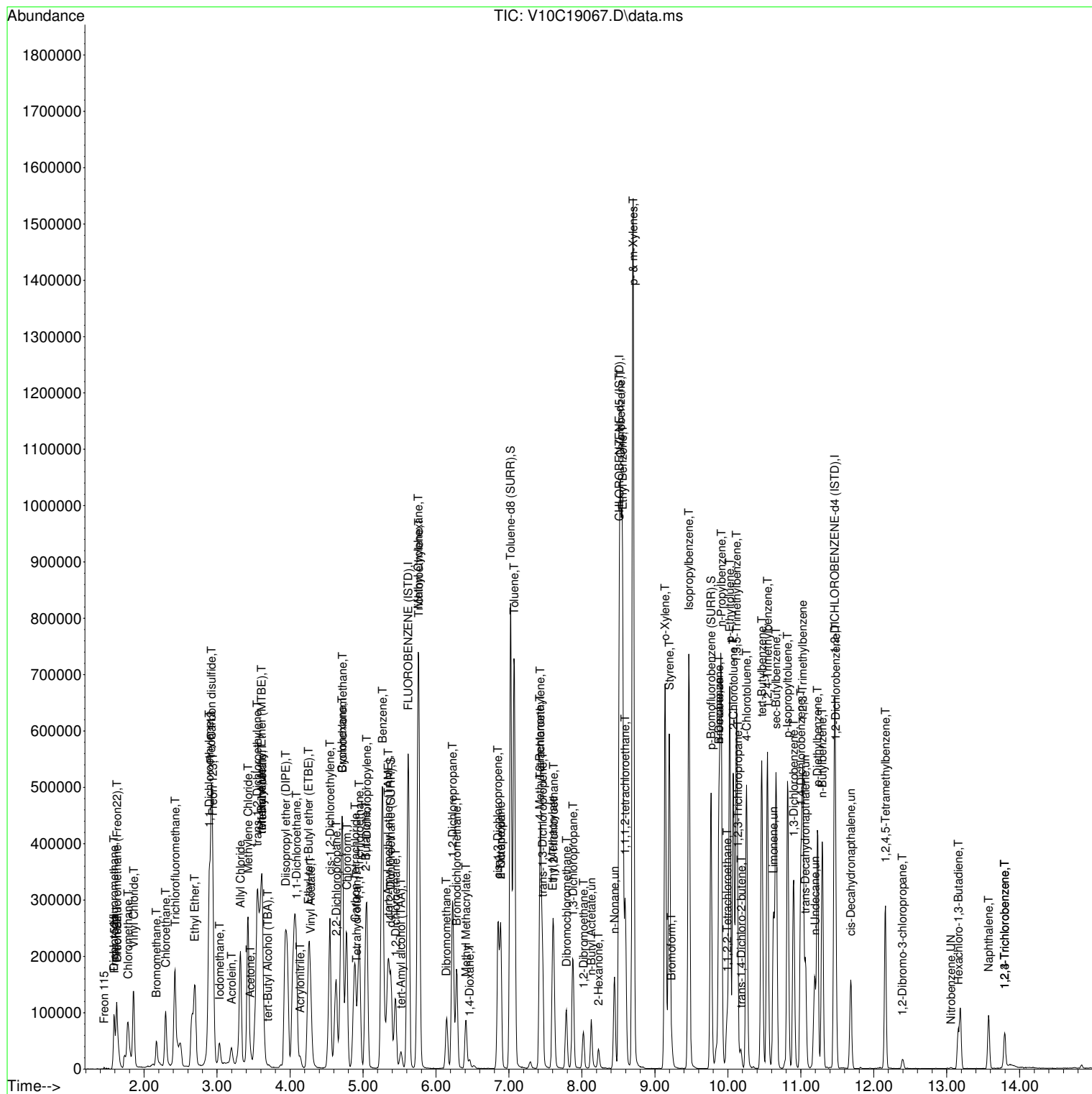
Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
106) n-Undecane	11.196	71	20958	13.70	ppb	91
107) cis-Decahydronapthalene	11.684	138	22429	8.27	ppb #	80
108) 1,2-Dibromo-3-chloropr...	12.391	75	5113	8.51	ppb	88
109) 1,2,4,5-Tetramethylben...	12.159	119	180504	10.21	ppb	96
110) Nitrobenzene	13.055	77	1376	24.71	ppb #	75
111) 1,2,4-Trichlorobenzene	13.793	180	20583	9.63	ppb	96
112) Hexachloro-1,3-Butadiene	13.159	225	14238	8.54	ppb	98
113) Naphthalene	13.573	128	79828	11.67	ppb	99
114) 1,2,3-Trichlorobenzene	13.793	180	20583	9.63	ppb	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : V10C19067.D
 Data Path : C:\msdchem\1\data\V10-03-05-2026\
 Acq On : 5 Mar 2026 9:18 am
 Operator : THD
 Sample : BC60272-BS1
 Misc :
 ALS Vial : 25
 InstName : VOA No. 10
 DataAcq Meth:VOA10ACQ.M

Multiplr: 1.00

Quant Time: Mar 05 10:02:46 2026
 QMeth File : V10-8260D-R020926.M
 Quant Method : C:\msdchem\1\methods\V10-8260D-R020926.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Wed Feb 11 17:28:59 2026
 Response via : Initial Calibration



Data File : V10C19068.D
 Data Path : C:\msdchem\1\data\V10-03-05-2026\
 Acq On : 5 Mar 2026 9:47 am
 Operator : THD
 Sample : BC60272-BSD1
 Misc :
 ALS Vial : 26
 InstName : VOA No. 10
 DataAcq Meth:VOA10ACQ.M

Multiplr: 1.00

Quant Time: Mar 05 10:03:50 2026
 QMeth File : V10-8260D-R020926.M
 Quant Method : C:\msdchem\1\methods\V10-8260D-R020926.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Wed Feb 11 17:28:59 2026
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)

Internal Standards						
1) FLUOROBENZENE (ISTD)	5.618	50	76082	10.00	ppb	0.00
48) CHLOROBENZENE-d5 (ISTD)	8.514	119	139340	10.00	ppb	0.00
80) 1,2-DICHLOROBENZENE-d4...	11.464	152	139012	10.00	ppb	0.00
System Monitoring Compounds						
42) d4-1,2-Dichloroethane ...	5.386	65	126036	9.47	ppb	0.00
Spiked Amount 10.000	Range 69 - 130		Recovery =	94.70%		
60) Toluene-d8 (SURR)	7.026	98	651229	10.55	ppb	0.00
Spiked Amount 10.000	Range 81 - 117		Recovery =	105.50%		
82) p-Bromofluorobenzene (...)	9.769	95	203888	11.18	ppb	0.00
Spiked Amount 10.000	Range 79 - 122		Recovery =	111.80%		
Target Compounds						
					Qvalue	
2) Freon 115	1.452	85	6320	6.11	ppb	94
3) Freon 152a	1.599	65	51178	10.32	ppb	# 1
4) Dichlorodifluoromethane	1.587	85	81337	7.86	ppb	99
5) Freon 22	1.628	67	39018	20.15	ppb	64
6) Chlorodifluoromethane ...	1.628	67	39018	20.15	ppb	64
7) Chloromethane	1.777	50	131996	8.78	ppb	99
8) Vinyl Chloride	1.856	62	147840	10.66	ppb	100
9) Bromomethane	2.173	94	37529	5.61	ppb	94
10) Chloroethane	2.301	64	99591	13.47	ppb	100
11) Trichlorofluoromethane	2.417	101	173074	11.14	ppb	100
12) Ethyl Ether	2.667	59	181216	21.25	ppb	96
14) Freon 123	2.935	83	207038	11.04	ppb	99
15) 1,1-Dichloroethylene	2.893	61	238182	12.16	ppb	94
16) Freon 113	2.911	101	134587	11.85	ppb	96
17) Acrolein	3.198	56	56876	50.08	ppb	94
18) Acetone	3.447	58	10312	15.02	ppb	83
19) Iodomethane	3.039	142	50665	9.16	ppb	96
20) Carbon disulfide	2.929	76	413852	10.51	ppb	100
21) Allyl Chloride	3.313	41	175452	6.98	ppb	95
22) Methyl Acetate	3.612	74	7808	9.35	ppb	56
23) tert-Butyl Alcohol (TBA)	3.691	59	5055	22.33	ppb	# 1
24) Methylene Chloride	3.423	49	193890	11.10	ppb	91
25) Acrylonitrile	4.142	53	16435	9.52	ppb	97
26) trans-1,2-Dichloroethy...	3.545	61	263530	12.27	ppb	93
27) tert-Butyl Methyl Ethe...	3.612	73	176872	9.56	ppb	92
28) n-hexane	3.594	57	337628	11.24	ppb	95
29) 1,1-Dichloroethane	4.082	63	245982	11.46	ppb	99
30) Vinyl Acetate	4.277	86	12654	9.41	ppb	65
31) Diisopropyl ether (DIPE)	3.941	45	426303	11.50	ppb	95
32) Ethyl-tert-Butyl ether...	4.258	59	229341	8.71	ppb	96
33) cis-1,2-Dichloroethylene	4.545	61	205354	11.59	ppb	94
34) 2-Butanone	5.045	72	13127	10.57	ppb	78
35) 2,2-Dichloropropane	4.624	77	90821	7.99	ppb	90
36) Tetrahydrofuran	4.917	71	5447	9.57	ppb	# 47
37) Bromochloromethane	4.716	49	94644	12.19	ppb	84
38) Chloroform	4.770	83	230998	11.19	ppb	99
39) 1,1,1-Trichloroethane	4.947	97	187936	11.44	ppb	98
40) Cyclohexane	4.703	56	280304	13.52	ppb	95
41) 1,1-Dichloropropylene	5.045	75	208810	12.39	ppb	84
43) Carbon Tetrachloride	4.886	117	136504	11.42	ppb	99
44) tert-Amyl alcohol (TAA)	5.514	59	13412	55.24	ppb	# 55

Data File : V10C19068.D
 Data Path : C:\msdchem\1\data\V10-03-05-2026\
 Acq On : 5 Mar 2026 9:47 am
 Operator : THD
 Sample : BC60272-BSD1
 Misc :
 ALS Vial : 26
 InstName : VOA No. 10
 DataAcq Meth:VOA10ACQ.M
 Multiplr: 1.00

Quant Time: Mar 05 10:03:50 2026
 QMeth File : V10-8260D-R020926.M
 Quant Method : C:\msdchem\1\methods\V10-8260D-R020926.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Wed Feb 11 17:28:59 2026
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
45) 1,2-Dichloroethane	5.441	62	129264	10.65	ppb	99
46) Benzene	5.264	78	622177	11.65	ppb	99
47) tert-Amyl methyl ether...	5.343	73	160921	8.14	ppb	88
49) Trichloroethylene	5.764	95	144432	11.23	ppb	93
50) Methyl Cyclohexane	5.758	83	254015	13.26	ppb	95
51) Methyl Methacrylate	6.410	69	41204	10.61	ppb	93
52) Dibromomethane	6.148	93	44704	11.14	ppb	90
53) Bromodichloromethane	6.282	83	137249	11.24	ppb	98
54) 1,2-Dichloropropane	6.227	63	143143	12.23	ppb	98
55) 1,4-Dioxane	6.459	88	11022	232.86	ppb	89
56) 2-Nitropropane	6.886	43	147608	59.65	ppb	97
58) cis-1,3-Dichloropropene	6.849	75	161548	11.10	ppb	98
59) 4-Methyl-2-Pentanone	7.422	43	47509	10.84	ppb	93
61) Toluene	7.069	91	637327	11.65	ppb	100
62) n-Octane	6.886	85	62007	10.53	ppb	89
63) Ethyl Methacrylate	7.599	69	84510	10.68	ppb	94
64) trans-1,3-Dichloropropene	7.459	75	105796	7.85	ppb	98
65) 1,1,2-Trichloroethane	7.611	97	67218	10.70	ppb	96
66) 1,3-Dichloropropane	7.880	76	131921	11.37	ppb	97
67) Tetrachloroethylene	7.435	166	128095	8.75	ppb	96
68) 2-Hexanone	8.227	43	31181	10.60	ppb	96
69) n-Butyl Actetate	8.130	43	77739	10.35	ppb	99
70) Dibromochloromethane	7.788	129	62771	9.92	ppb	99
71) 1,2-Dibromoethane	8.020	107	56213	10.91	ppb	98
72) Chlorobenzene	8.532	112	339064	10.63	ppb	95
73) 1,1,1,2-tetrachloroethane	8.593	131	88814	10.21	ppb	98
74) n-Nonane	8.447	57	61354	10.60	ppb	96
75) Ethyl Benzene	8.556	91	685938	11.67	ppb	97
76) p- & m-Xylenes	8.703	91	1013799	22.88	ppb	98
77) o-Xylene	9.142	91	464814	11.10	ppb	97
78) Styrene	9.196	104	326893	10.88	ppb	96
79) Bromoform	9.227	173	22517	7.93	ppb	98
81) Isopropylbenzene	9.465	105	574833	11.64	ppb	98
83) 1,1,2,2-Tetrachloroethane	9.989	83	56280	11.19	ppb	99
84) Bromobenzene	9.879	77	214904	11.69	ppb	93
85) trans-1,4-Dichloro-2-b...	10.178	53	7156	5.13	ppb	# 44
86) 1,2,3-Trichloropropane	10.135	110	15678	10.11	ppb	96
87) n-Propylbenzene	9.910	91	663444	11.82	ppb	98
88) n-Decane	9.879	57	50989	12.28	ppb	96
89) p-Ethyltoluene	10.025	105	491740	10.90	ppb	98
90) 1,3,5-Trimethylbenzene	10.117	105	395860	11.12	ppb	96
91) 2-Chlorotoluene	10.074	91	400048	11.49	ppb	96
92) 4-Chlorotoluene	10.257	91	358826	11.44	ppb	96
93) tert-Butylbenzene	10.464	119	320315	9.79	ppb	92
94) 1,2,4-Trimethylbenzene	10.544	105	369306	10.98	ppb	97
95) sec-Butylbenzene	10.660	105	457022	11.25	ppb	98
96) Limonene	10.629	68	77285	9.79	ppb	# 69
97) 1,3-Dichlorobenzene	10.903	146	161540	10.09	ppb	97
98) p-Isopropyltoluene	10.818	119	358917	11.22	ppb	98
99) 1,4-Dichlorobenzene	11.001	146	162040	10.20	ppb	97
100) 1,2,3-Trimethylbenzene	11.025	105	331714	10.68	ppb	98
101) p-Diethylbenzene	11.233	105	148816	10.85	ppb	94
102) trans-Decahydronapthalene	11.068	138	37782	9.07	ppb	87
103) 1,2-Dichlorobenzene	11.476	146	128111	9.93	ppb	97
104) n-Butylbenzene	11.294	91	278272	9.24	ppb	91

Data File : V10C19068.D
 Data Path : C:\msdchem\1\data\V10-03-05-2026\
 Acq On : 5 Mar 2026 9:47 am
 Operator : THD
 Sample : BC60272-BSD1
 Misc :
 ALS Vial : 26
 InstName : VOA No. 10
 DataAcq Meth:VOA10ACQ.M
 Multiplr: 1.00

Quant Time: Mar 05 10:03:50 2026
 QMeth File : V10-8260D-R020926.M
 Quant Method : C:\msdchem\1\methods\V10-8260D-R020926.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Wed Feb 11 17:28:59 2026
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
106) n-Undecane	11.196	71	20620	13.12	ppb	92
107) cis-Decahydronapthalene	11.684	138	26261	9.30	ppb #	90
108) 1,2-Dibromo-3-chloropr...	12.397	75	5003	7.99	ppb	88
109) 1,2,4,5-Tetramethylben...	12.159	119	182012	9.89	ppb	96
110) Nitrobenzene	13.068	77	627	11.03	ppb #	69
111) 1,2,4-Trichlorobenzene	13.793	180	19782	8.89	ppb	95
112) Hexachloro-1,3-Butadiene	13.153	225	14637	8.43	ppb	96
113) Naphthalene	13.580	128	71854	10.09	ppb	100
114) 1,2,3-Trichlorobenzene	13.793	180	19782	8.89	ppb	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

FORM IV**PREPARATION BATCH SUMMARY****EPA 8260D**Laboratory: ALS Environmental - StratfordSDG: 26B1152Client: Hydro Tech EnvironmentalProject: 230051-170 Freeman Rd Brooklyn NYBatch: BB61548Batch Matrix: WaterPreparation: EPA 5030B

SAMPLE NAME	LAB SAMPLE ID	LAB FILE ID	DATE PREPARED	OBSERVATIONS
MW-9 (2026 27 02)	26B1152-01	V7-55510.D	02/28/26 07:00	
MW-10 (2026 27 02)	26B1152-02	V7-55511.D	02/28/26 07:00	
MW-11R MS/MSD (2026 27 02)	26B1152-03	V7-55512.D	02/28/26 07:00	
MW-13R (2026 27 02)	26B1152-04	V7-55513.D	02/28/26 07:00	
MW-14 (2026 27 02)	26B1152-05	V7-55514.D	02/28/26 07:00	
MW-15 (2026 27 02)	26B1152-06	V7-55515.D	02/28/26 07:00	
FB (2026 27 02)	26B1152-07	V7-55516.D	02/28/26 07:00	
TB (2026 27 02)	26B1152-08	V7-55509.D	02/28/26 07:00	
Blank	BB61548-BLK1	V7-55508.D	02/28/26 07:00	
LCS	BB61548-BS1	V7-55505.D	02/28/26 07:00	
LCS Dup	BB61548-BSD1	V7-55506.D	02/28/26 07:00	
MW-11R MS/MSD (2026 27 02)	BB61548-MS1	V7-55523.D	02/28/26 07:00	
MW-11R MS/MSD (2026 27 02)	BB61548-MSD1	V7-55524.D	02/28/26 07:00	

PREPARATION BATCH SUMMARY

EPA 8260D

Laboratory: ALS Environmental - StratfordSDG: 26B1152

Client: Hydro Tech Environmental

Project: 230051-170 Freeman Rd Brooklyn NY

Batch: BC60272

Batch Matrix: WaterPreparation: EPA 5030B

SAMPLE NAME	LAB SAMPLE ID	LAB FILE ID	DATE PREPARED	OBSERVATIONS
MW-9 (2026 27 02)	26B1152-01RE1	V10C19077.D	02/28/26 07:00	From BB61548 by THD on 03/05/2026 RE-50X
MW-11R MS/MSD (2026 27 02)	26B1152-03RE1	V10C19078.D	02/28/26 07:00	From BB61548 by THD on 03/05/2026 RE-50X
Blank	BC60272-BLK1	V10C19070.D	03/05/26 07:00	
LCS	BC60272-BS1	V10C19067.D	03/05/26 07:00	
LCS Dup	BC60272-BSD1	V10C19068.D	03/05/26 07:00	

FORM I

METHOD BLANK DATA SHEET
EPA 8260D

Laboratory: ALS Environmental - Stratford
 Client: Hydro Tech Environmental
 Project: 230051-170 Freeman Rd Brooklyn NY
 Preparation: EPA 5030B
 Instrument: MSVOA7
 Batch: BB61548

SDG: 26B1152
 Laboratory ID: BB61548-BLK1
 Calibration: SB60017
 File ID: V7-55508.D
 Initial/Final: 25 mL / 25 mL
 Matrix: Water

Prepared: 02/28/26 07:00
 Analyzed: 02/28/26 11:26
 Sequence: S6C0316

Analyzed by: **ALS Environmental - Stratford**

Volatile Organic Compounds by GC/MS

Sample Prepared by Method: EPA 5030B

Results Reported to MDL

CAS No.	Parameter	Result	Flag	Units	RL	MDL	Dilution	Reference Method	Prepared	Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.500	0.216	1	EPA 8260D	02/28/26 07:00	02/28/26 11:26	
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.500	0.266	1	EPA 8260D	02/28/26 07:00	02/28/26 11:26	
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.500	0.256	1	EPA 8260D	02/28/26 07:00	02/28/26 11:26	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.500	0.286	1	EPA 8260D	02/28/26 07:00	02/28/26 11:26	
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.500	0.249	1	EPA 8260D	02/28/26 07:00	02/28/26 11:26	
75-34-3	1,1-Dichloroethane	ND		ug/L	0.500	0.272	1	EPA 8260D	02/28/26 07:00	02/28/26 11:26	
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.500	0.327	1	EPA 8260D	02/28/26 07:00	02/28/26 11:26	
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.500	0.222	1	EPA 8260D	02/28/26 07:00	02/28/26 11:26	
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.500	0.273	1	EPA 8260D	02/28/26 07:00	02/28/26 11:26	
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.500	0.138	1	EPA 8260D	02/28/26 07:00	02/28/26 11:26	
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.500	0.310	1	EPA 8260D	02/28/26 07:00	02/28/26 11:26	
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.500	0.432	1	EPA 8260D	02/28/26 07:00	02/28/26 11:26	
106-93-4	1,2-Dibromoethane	ND		ug/L	0.500	0.215	1	EPA 8260D	02/28/26 07:00	02/28/26 11:26	
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.500	0.270	1	EPA 8260D	02/28/26 07:00	02/28/26 11:26	
107-06-2	1,2-Dichloroethane	ND		ug/L	0.500	0.377	1	EPA 8260D	02/28/26 07:00	02/28/26 11:26	
78-87-5	1,2-Dichloropropane	ND		ug/L	0.500	0.327	1	EPA 8260D	02/28/26 07:00	02/28/26 11:26	
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.500	0.347	1	EPA 8260D	02/28/26 07:00	02/28/26 11:26	
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.500	0.283	1	EPA 8260D	02/28/26 07:00	02/28/26 11:26	
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.500	0.311	1	EPA 8260D	02/28/26 07:00	02/28/26 11:26	
78-93-3	2-Butanone	ND		ug/L	0.500	0.421	1	EPA 8260D	02/28/26 07:00	02/28/26 11:26	
591-78-6	2-Hexanone	ND		ug/L	0.500	0.320	1	EPA 8260D	02/28/26 07:00	02/28/26 11:26	
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.500	0.365	1	EPA 8260D	02/28/26 07:00	02/28/26 11:26	
67-64-1	Acetone	ND		ug/L	2.00	1.34	1	EPA 8260D	02/28/26 07:00	02/28/26 11:26	
107-02-8	Acrolein	ND		ug/L	0.500	0.447	1	EPA 8260D	02/28/26 07:00	02/28/26 11:26	
107-13-1	Acrylonitrile	ND		ug/L	0.500	0.422	1	EPA 8260D	02/28/26 07:00	02/28/26 11:26	
71-43-2	Benzene	ND		ug/L	0.500	0.279	1	EPA 8260D	02/28/26 07:00	02/28/26 11:26	
74-97-5	Bromochloromethane	ND		ug/L	0.500	0.354	1	EPA 8260D	02/28/26 07:00	02/28/26 11:26	
75-27-4	Bromodichloromethane	ND		ug/L	0.500	0.245	1	EPA 8260D	02/28/26 07:00	02/28/26 11:26	
75-25-2	Bromoform	ND		ug/L	0.500	0.163	1	EPA 8260D	02/28/26 07:00	02/28/26 11:26	
74-83-9	Bromomethane	ND		ug/L	2.00	0.500	1	EPA 8260D	02/28/26 07:00	02/28/26 11:26	
75-15-0	Carbon disulfide	ND		ug/L	0.500	0.362	1	EPA 8260D	02/28/26 07:00	02/28/26 11:26	
56-23-5	Carbon tetrachloride	ND		ug/L	0.500	0.204	1	EPA 8260D	02/28/26 07:00	02/28/26 11:26	
108-90-7	Chlorobenzene	ND		ug/L	0.500	0.284	1	EPA 8260D	02/28/26 07:00	02/28/26 11:26	
75-00-3	Chloroethane	ND		ug/L	0.500	0.448	1	EPA 8260D	02/28/26 07:00	02/28/26 11:26	
67-66-3	Chloroform	ND		ug/L	0.500	0.243	1	EPA 8260D	02/28/26 07:00	02/28/26 11:26	
74-87-3	Chloromethane	ND		ug/L	0.500	0.372	1	EPA 8260D	02/28/26 07:00	02/28/26 11:26	
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.500	0.294	1	EPA 8260D	02/28/26 07:00	02/28/26 11:26	
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.500	0.262	1	EPA 8260D	02/28/26 07:00	02/28/26 11:26	
110-82-7	Cyclohexane	ND		ug/L	0.500	0.491	1	EPA 8260D	02/28/26 07:00	02/28/26 11:26	
124-48-1	Dibromochloromethane	ND		ug/L	0.500	0.146	1	EPA 8260D	02/28/26 07:00	02/28/26 11:26	
74-95-3	Dibromomethane	ND		ug/L	0.500	0.203	1	EPA 8260D	02/28/26 07:00	02/28/26 11:26	
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.500	0.451	1	EPA 8260D	02/28/26 07:00	02/28/26 11:26	
100-41-4	Ethyl Benzene	ND		ug/L	0.500	0.290	1	EPA 8260D	02/28/26 07:00	02/28/26 11:26	

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:ALS Environmental - Stratford

Client:Hydro Tech Environmental

Project:230051-170 Freeman Rd Brooklyn NY

Preparation:EPA 5030B

Instrument:MSVOA7

Batch:BB61548

Prepared:02/28/26 07:00

Analyzed:02/28/26 11:26

Sequence:S6C0316

SDG:26B1152

Laboratory ID:BB61548-BLK1

Calibration:SB60017

File ID:V7-55508.D

Initial/Final:25 mL / 25 mL

Matrix:Water

Volatile Organic Compounds by GC/MS

Sample Prepared by Method: EPA 5030B

Results Reported to MDL

CAS No.	Parameter	Result	Flag	Units	RL	MDL	Dilution	Reference Method	Prepared	Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	0.241	1	EPA 8260D	02/28/26 07:00	02/28/26 11:26	
98-82-8	Isopropylbenzene	ND		ug/L	0.500	0.405	1	EPA 8260D	02/28/26 07:00	02/28/26 11:26	
79-20-9	Methyl acetate	ND		ug/L	0.500	0.442	1	EPA 8260D	02/28/26 07:00	02/28/26 11:26	
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.500	0.244	1	EPA 8260D	02/28/26 07:00	02/28/26 11:26	
108-87-2	Methylcyclohexane	ND		ug/L	0.500	0.477	1	EPA 8260D	02/28/26 07:00	02/28/26 11:26	
75-09-2	Methylene chloride	ND		ug/L	2.00	0.397	1	EPA 8260D	02/28/26 07:00	02/28/26 11:26	
104-51-8	n-Butylbenzene	ND		ug/L	0.500	0.399	1	EPA 8260D	02/28/26 07:00	02/28/26 11:26	
103-65-1	n-Propylbenzene	ND		ug/L	0.500	0.384	1	EPA 8260D	02/28/26 07:00	02/28/26 11:26	
95-47-6	o-Xylene	ND		ug/L	0.500	0.261	1	EPA 8260D	02/28/26 07:00	02/28/26 11:26	
179601-23-1	p- & m- Xylenes	ND		ug/L	1.00	0.578	1	EPA 8260D	02/28/26 07:00	02/28/26 11:26	
99-87-6	p-Isopropyltoluene	ND		ug/L	0.500	0.377	1	EPA 8260D	02/28/26 07:00	02/28/26 11:26	
135-98-8	sec-Butylbenzene	ND		ug/L	0.500	0.444	1	EPA 8260D	02/28/26 07:00	02/28/26 11:26	
100-42-5	Styrene	ND		ug/L	0.500	0.255	1	EPA 8260D	02/28/26 07:00	02/28/26 11:26	
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	1.00	0.608	1	EPA 8260D	02/28/26 07:00	02/28/26 11:26	
98-06-6	tert-Butylbenzene	ND		ug/L	0.500	0.367	1	EPA 8260D	02/28/26 07:00	02/28/26 11:26	
127-18-4	Tetrachloroethylene	ND		ug/L	0.500	0.239	1	EPA 8260D	02/28/26 07:00	02/28/26 11:26	
108-88-3	Toluene	ND		ug/L	0.500	0.346	1	EPA 8260D	02/28/26 07:00	02/28/26 11:26	
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.500	0.279	1	EPA 8260D	02/28/26 07:00	02/28/26 11:26	
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.500	0.229	1	EPA 8260D	02/28/26 07:00	02/28/26 11:26	
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.500	0.283	1	EPA 8260D	02/28/26 07:00	02/28/26 11:26	
79-01-6	Trichloroethylene	ND		ug/L	0.500	0.249	1	EPA 8260D	02/28/26 07:00	02/28/26 11:26	
75-69-4	Trichlorofluoromethane	ND		ug/L	0.500	0.337	1	EPA 8260D	02/28/26 07:00	02/28/26 11:26	
75-01-4	Vinyl Chloride	ND		ug/L	0.500	0.469	1	EPA 8260D	02/28/26 07:00	02/28/26 11:26	
1330-20-7	Xylenes, Total	ND		ug/L	1.50	0.839	1	EPA 8260D	02/28/26 07:00	02/28/26 11:26	
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	SURR: 1,2-Dichloroethane-d4	111 %	69-130								
460-00-4	SURR: p-Bromofluorobenzene	108 %	79-122								
2037-26-5	SURR: Toluene-d8	109 %	81-117								

Data Path : C:\msdchem\1\data\VOA7-02-28-26\
 Data File : V7-55508.D
 InstName : MSVOA7
 Acq On : 28 Feb 2026 11:26 am
 Operator : THD
 Sample : BB61548-BLK1
 Misc : 8260
 ALS Vial : 45 Sample Multiplier: 1

Quant Time: Mar 03 13:49:55 2026
 Quant Method : C:\msdchem\1\methods\Calibration\V7-8260D-R020926.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Wed Feb 11 19:02:20 2026
 Response via : Initial Calibration

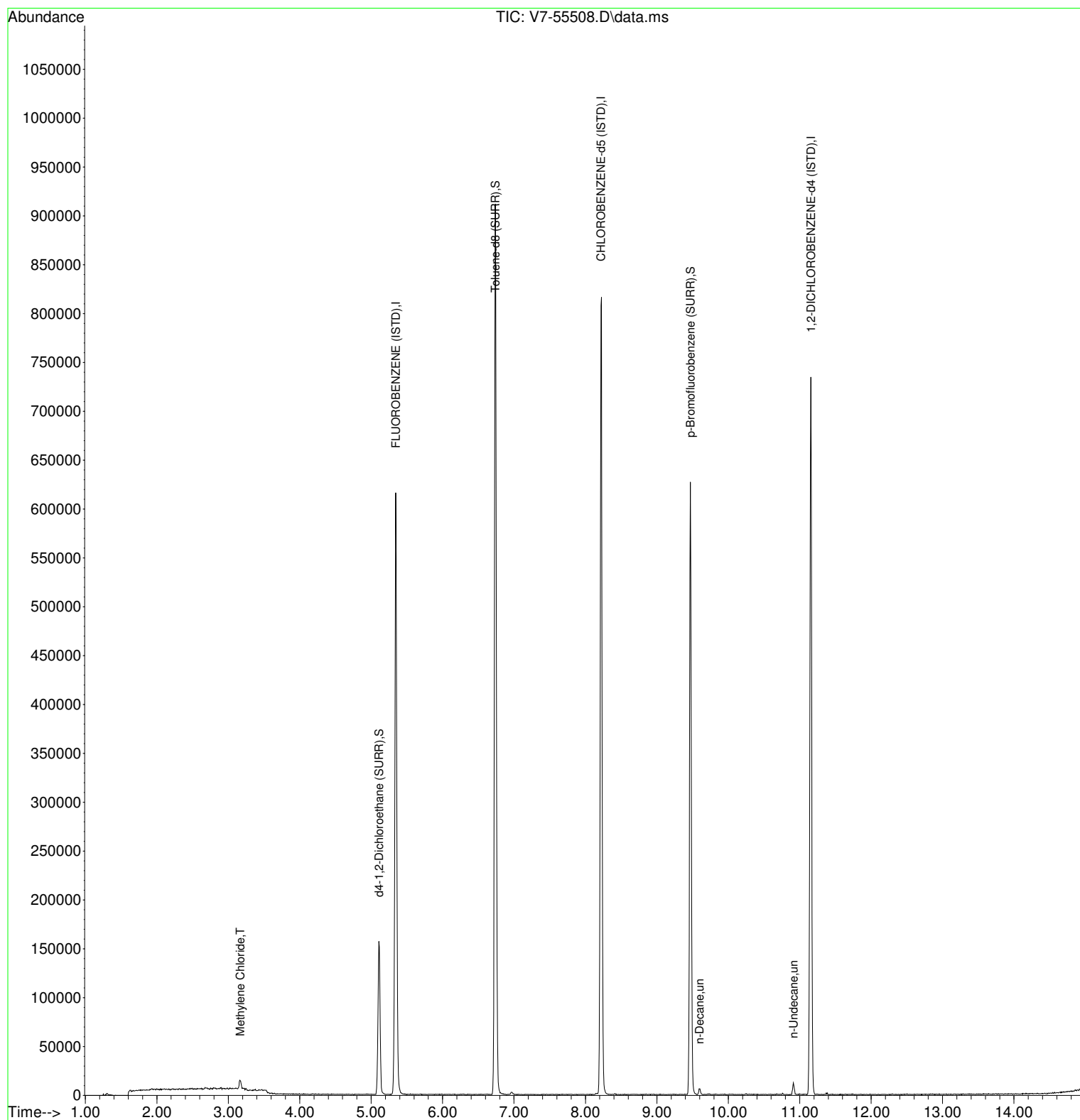
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

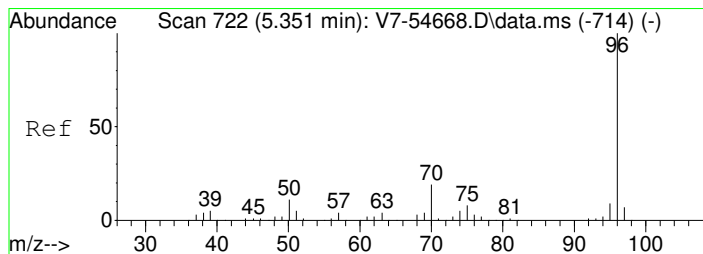
Internal Standards						
1) FLUOROBENZENE (ISTD)	5.345	50	59000	10.00	ppb	0.00
48) CHLOROBENZENE-d5 (ISTD)	8.216	54	102756	10.00	ppb	0.00
80) 1,2-DICHLOROBENZENE-d4...	11.155	152	206795	10.00	ppb	0.00
System Monitoring Compounds						
42) d4-1,2-Dichloroethane ...	5.108	65	108370	11.14	ppb	0.00
Spiked Amount 10.000	Range	69 - 130	Recovery	=	111.40%	
60) Toluene-d8 (SURR)	6.738	98	620847	10.92	ppb	0.00
Spiked Amount 10.000	Range	81 - 117	Recovery	=	109.20%	
82) p-Bromofluorobenzene (...)	9.470	95	215799	10.80	ppb	0.00
Spiked Amount 10.000	Range	79 - 122	Recovery	=	108.00%	
Target Compounds						
24) Methylene Chloride	3.167	49	4932	0.16	ppb	Qvalue 93
88) n-Decane	9.597	57	2120	0.15	ppb	96
106) n-Undecane	10.911	71	1659	0.25	ppb	86

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\VOA7-02-28-26\
Data File : V7-55508.D
InstName : MSVOA7
Acq On : 28 Feb 2026 11:26 am
Operator : THD
Sample : BB61548-BLK1
Misc : 8260
ALS Vial : 45 Sample Multiplier: 1

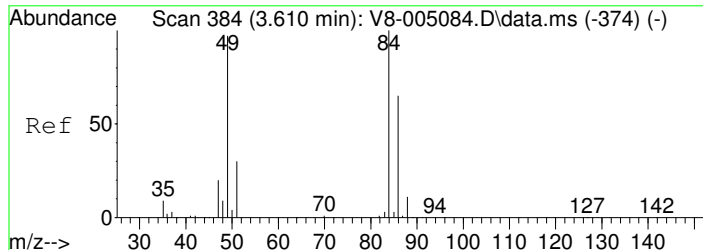
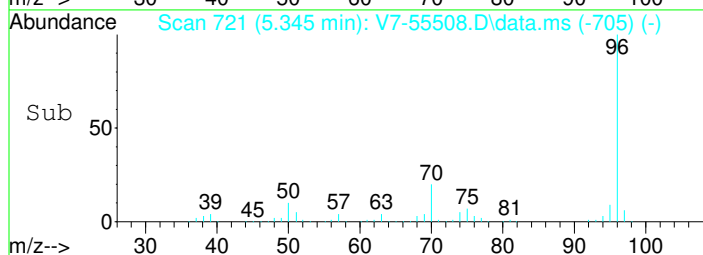
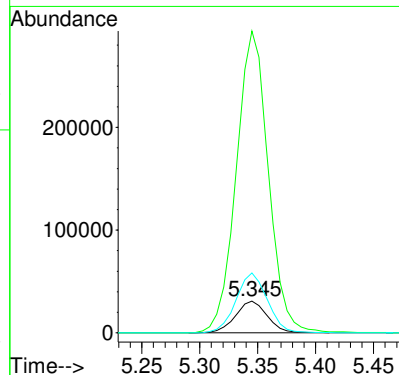
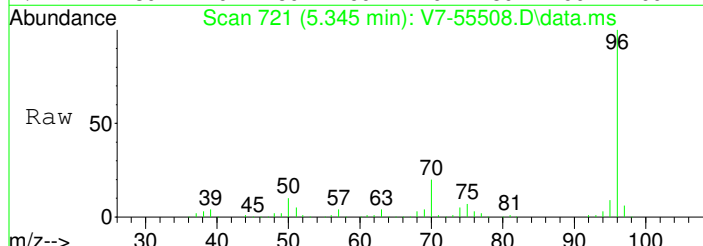
Quant Time: Mar 03 13:49:55 2026
Quant Method : C:\msdchem\1\methods\Calibration\V7-8260D-R020926.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Feb 11 19:02:20 2026
Response via : Initial Calibration





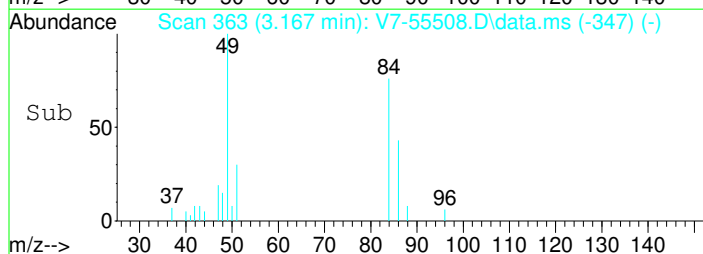
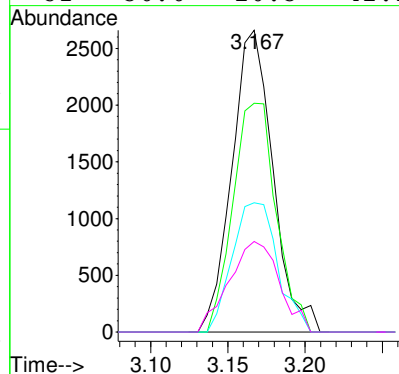
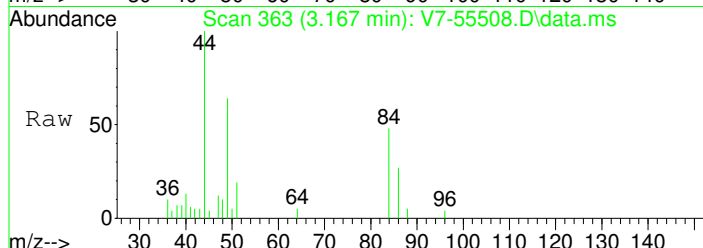
#1
 FLUOROBENZENE (ISTD)
 Concen: 10.00 ppb
 RT: 5.345 min Scan# 721
 Delta R.T. -0.000 min
 Lab File: V7-55508.D
 Acq: 28 Feb 2026 11:26 am

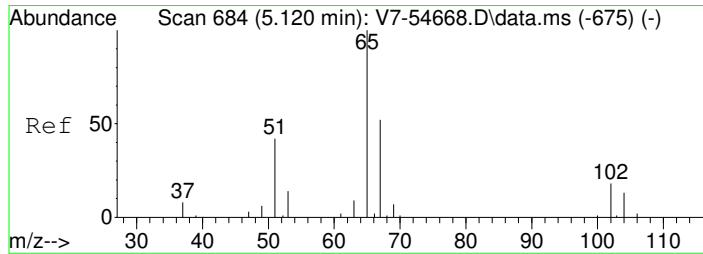
Tgt Ion	Ratio	Lower	Upper
50	100		
96	960.1	597.1	1240.1
70	187.7	118.2	245.6



#24
 Methylene Chloride
 Concen: 0.16 ppb
 RT: 3.167 min Scan# 363
 Delta R.T. 0.000 min
 Lab File: V7-55508.D
 Acq: 28 Feb 2026 11:26 am

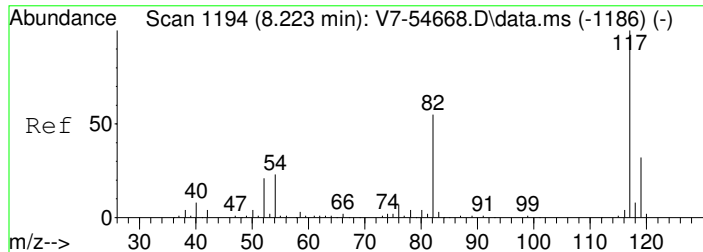
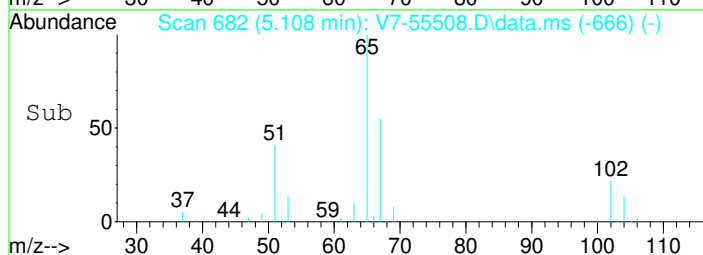
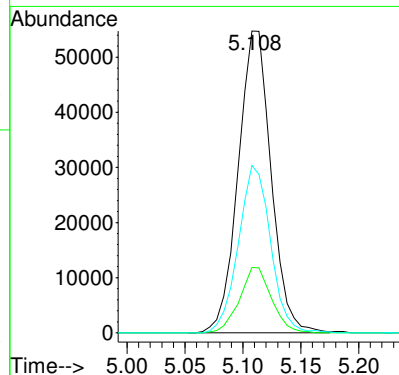
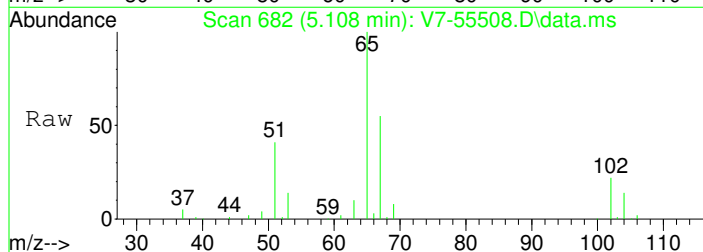
Tgt Ion	Ratio	Lower	Upper
49	100		
84	79.7	54.3	112.9
86	47.2	34.8	72.4
51	36.6	20.3	42.1





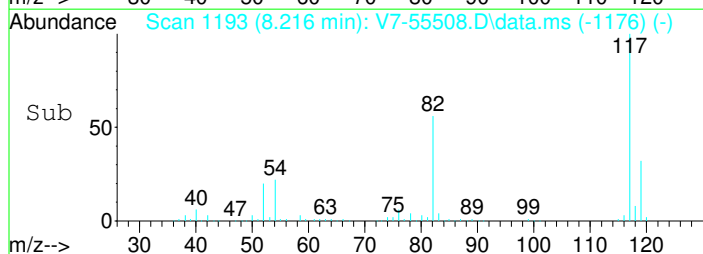
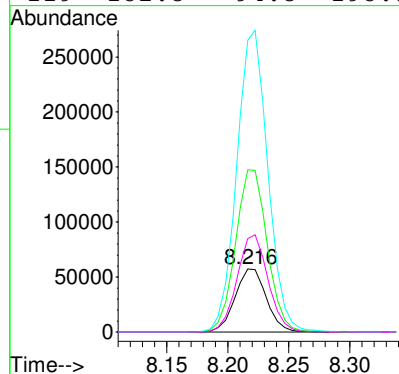
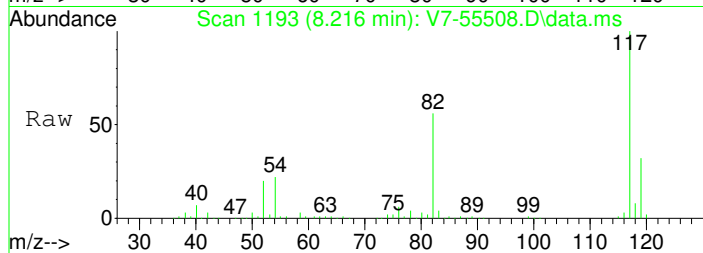
#42
d4-1,2-Dichloroethane (SURR)
Concen: 11.14 ppb
RT: 5.108 min Scan# 682
Delta R.T. -0.000 min
Lab File: V7-55508.D
Acq: 28 Feb 2026 11:26 am

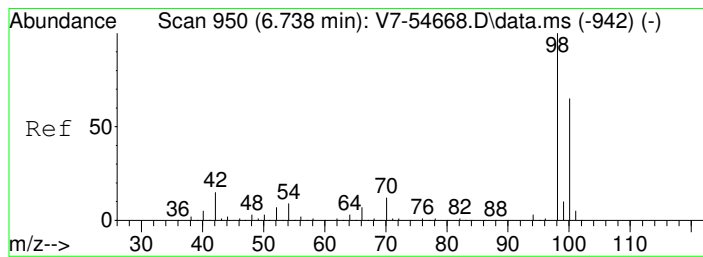
Tgt Ion:	65	Resp:	108370
Ion Ratio	Lower	Upper	
65	100		
102	21.0	14.8	30.6
67	54.3	36.5	75.9



#48
CHLOROBENZENE-d5 (ISTD)
Concen: 10.00 ppb
RT: 8.216 min Scan# 1193
Delta R.T. 0.000 min
Lab File: V7-55508.D
Acq: 28 Feb 2026 11:26 am

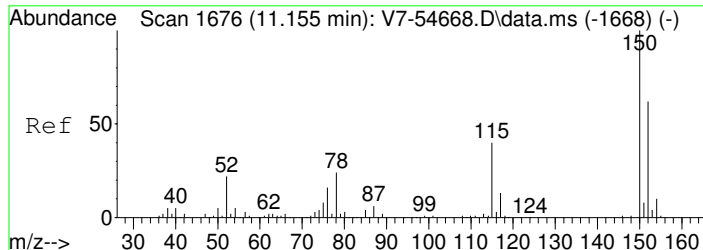
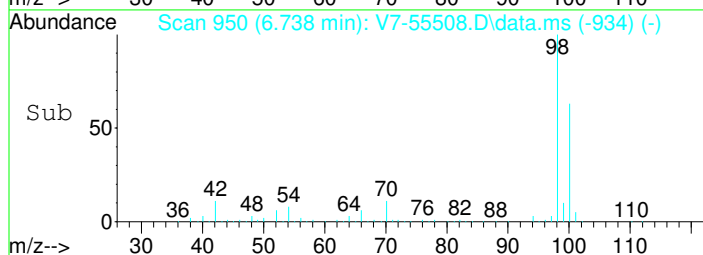
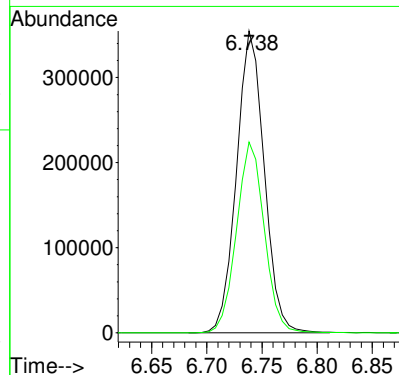
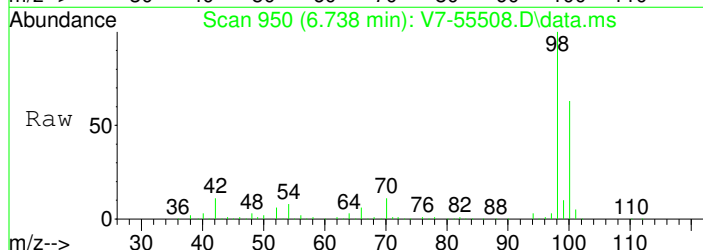
Tgt Ion:	54	Resp:	102756
Ion Ratio	Lower	Upper	
54	100		
82	259.3	160.7	333.9
117	473.8	293.7	610.1
119	152.3	94.3	195.9





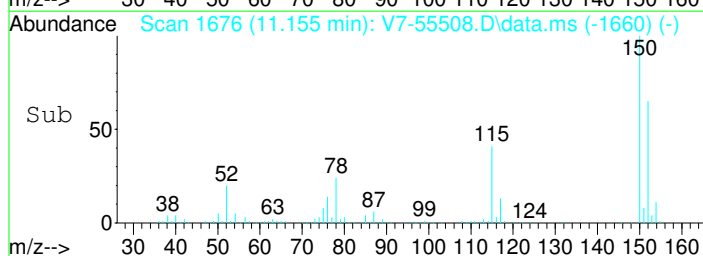
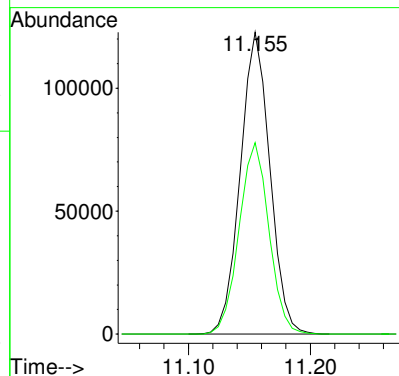
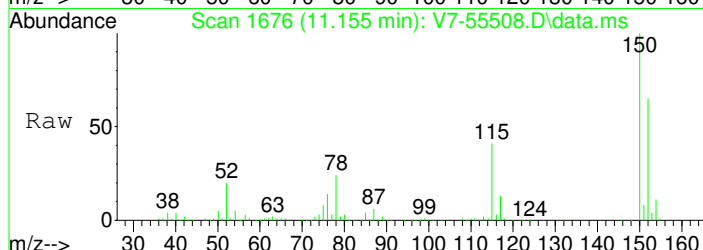
#60
Toluene-d8 (SURR)
Concen: 10.92 ppb
RT: 6.738 min Scan# 950
Delta R.T. 0.000 min
Lab File: V7-55508.D
Acq: 28 Feb 2026 11:26 am

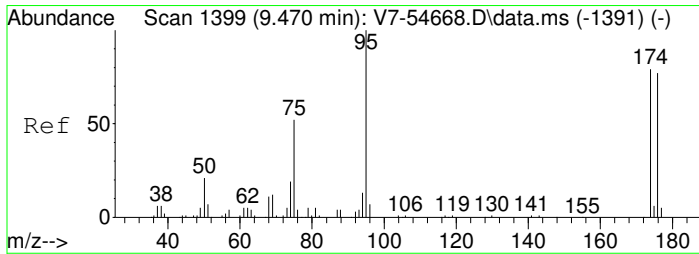
Tgt Ion: 98 Resp: 620847
Ion Ratio Lower Upper
98 100
100 63.3 42.3 87.9



#80
1,2-DICHLOROBENZENE-d4 (ISTD)
Concen: 10.00 ppb
RT: 11.155 min Scan# 1676
Delta R.T. -0.000 min
Lab File: V7-55508.D
Acq: 28 Feb 2026 11:26 am

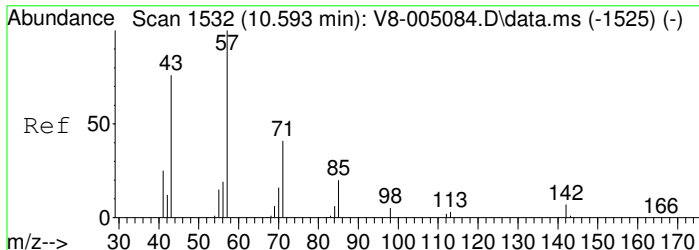
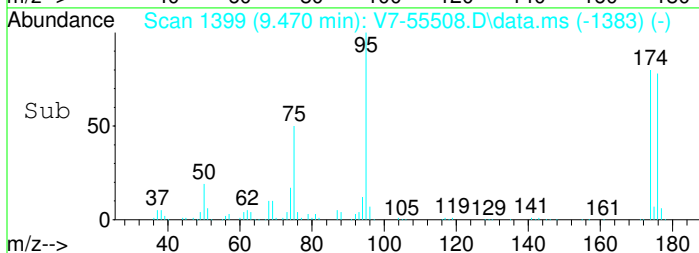
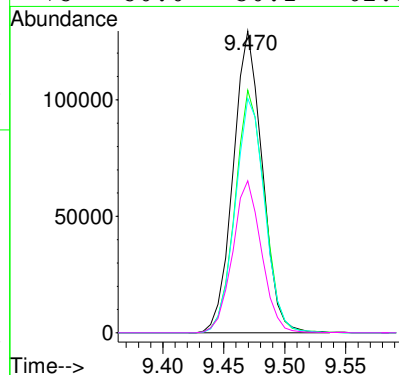
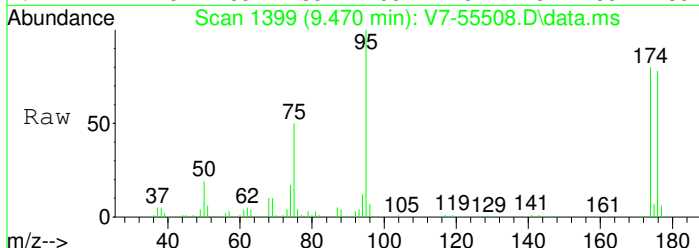
Tgt Ion: 152 Resp: 206795
Ion Ratio Lower Upper
152 100
115 64.0 40.0 83.2





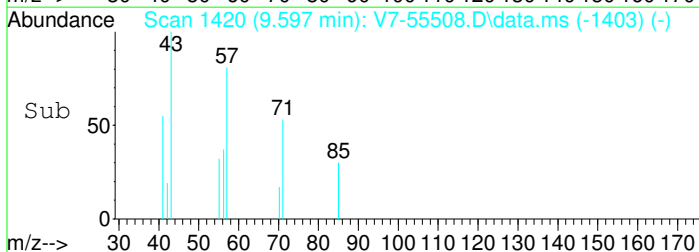
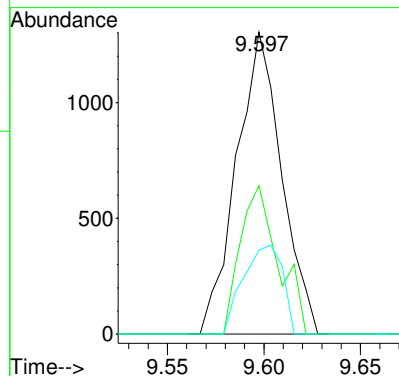
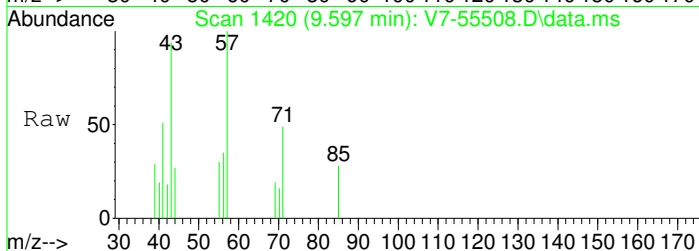
#82
p-Bromofluorobenzene (SURRE)
Concen: 10.80 ppb
RT: 9.470 min Scan# 1399
Delta R.T. -0.000 min
Lab File: V7-55508.D
Acq: 28 Feb 2026 11:26 am

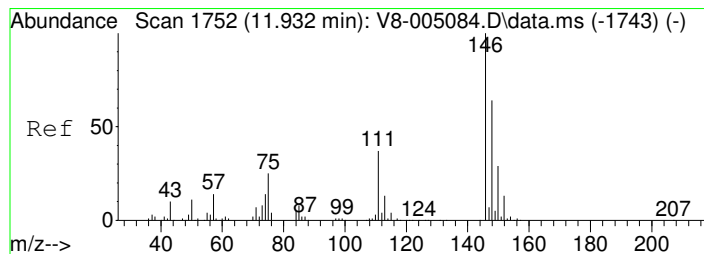
Tgt Ion	95	174	176	75
Resp	215799	81.3	78.8	50.0
Lower		53.5	52.3	30.1
Upper		111.1	108.5	62.5



#88
n-Decane
Concen: 0.15 ppb
RT: 9.597 min Scan# 1420
Delta R.T. 0.000 min
Lab File: V7-55508.D
Acq: 28 Feb 2026 11:26 am

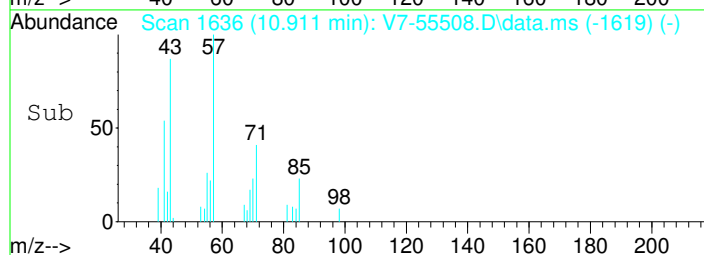
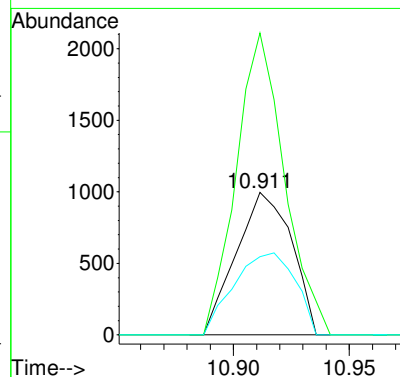
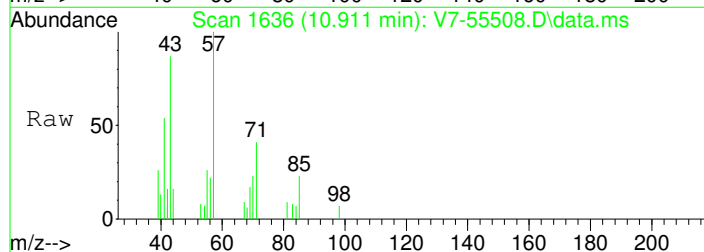
Tgt Ion	57	71	85
Resp	2120	41.5	25.8
Lower		27.0	19.6
Upper		56.2	40.8





#106
n-Undecane
Concen: 0.25 ppb
RT: 10.911 min Scan# 1636
Delta R.T. 0.000 min
Lab File: V7-55508.D
Acq: 28 Feb 2026 11:26 am

Tgt Ion: 71 Resp: 1659
Ion Ratio Lower Upper
71 100
43 184.0 112.2 208.4
85 63.6 42.4 78.8



FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:ALS Environmental - Stratford

Client:Hydro Tech Environmental

Project:230051-170 Freeman Rd Brooklyn NY

Preparation:EPA 5030B

Instrument:VOA No. 10

Batch:BC60272

SDG:26B1152

Laboratory ID:BC60272-BLK1

Calibration:SB60019

File ID:V10C19070.D

Initial/Final:25 mL / 25 mL

Matrix:Water

Prepared:03/05/26 07:00

Analyzed:03/05/26 10:46

Sequence:S6C0601

Analyzed by: ALS Environmental - Stratford

Volatile Organic Compounds by GC/MS

Sample Prepared by Method: EPA 5030B

Results Reported to MDL

CAS No.	Parameter	Result	Flag	Units	RL	MDL	Dilution	Reference Method	Prepared	Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.500	0.216	1	EPA 8260D	03/05/26 07:00	03/05/26 10:46	
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.500	0.266	1	EPA 8260D	03/05/26 07:00	03/05/26 10:46	
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.500	0.256	1	EPA 8260D	03/05/26 07:00	03/05/26 10:46	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.500	0.286	1	EPA 8260D	03/05/26 07:00	03/05/26 10:46	
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.500	0.249	1	EPA 8260D	03/05/26 07:00	03/05/26 10:46	
75-34-3	1,1-Dichloroethane	ND		ug/L	0.500	0.272	1	EPA 8260D	03/05/26 07:00	03/05/26 10:46	
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.500	0.327	1	EPA 8260D	03/05/26 07:00	03/05/26 10:46	
87-61-6	1,2,3-Trichlorobenzene	0.630		ug/L	0.500	0.222	1	EPA 8260D	03/05/26 07:00	03/05/26 10:46	
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.500	0.273	1	EPA 8260D	03/05/26 07:00	03/05/26 10:46	
120-82-1	1,2,4-Trichlorobenzene	0.630		ug/L	0.500	0.138	1	EPA 8260D	03/05/26 07:00	03/05/26 10:46	
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.500	0.310	1	EPA 8260D	03/05/26 07:00	03/05/26 10:46	
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.500	0.432	1	EPA 8260D	03/05/26 07:00	03/05/26 10:46	
106-93-4	1,2-Dibromoethane	ND		ug/L	0.500	0.215	1	EPA 8260D	03/05/26 07:00	03/05/26 10:46	
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.500	0.270	1	EPA 8260D	03/05/26 07:00	03/05/26 10:46	
107-06-2	1,2-Dichloroethane	ND		ug/L	0.500	0.377	1	EPA 8260D	03/05/26 07:00	03/05/26 10:46	
78-87-5	1,2-Dichloropropane	ND		ug/L	0.500	0.327	1	EPA 8260D	03/05/26 07:00	03/05/26 10:46	
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.500	0.347	1	EPA 8260D	03/05/26 07:00	03/05/26 10:46	
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.500	0.283	1	EPA 8260D	03/05/26 07:00	03/05/26 10:46	
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.500	0.311	1	EPA 8260D	03/05/26 07:00	03/05/26 10:46	
78-93-3	2-Butanone	ND		ug/L	0.500	0.421	1	EPA 8260D	03/05/26 07:00	03/05/26 10:46	
591-78-6	2-Hexanone	ND		ug/L	0.500	0.320	1	EPA 8260D	03/05/26 07:00	03/05/26 10:46	
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.500	0.365	1	EPA 8260D	03/05/26 07:00	03/05/26 10:46	
67-64-1	Acetone	ND		ug/L	2.00	1.34	1	EPA 8260D	03/05/26 07:00	03/05/26 10:46	
107-02-8	Acrolein	ND		ug/L	0.500	0.447	1	EPA 8260D	03/05/26 07:00	03/05/26 10:46	
107-13-1	Acrylonitrile	ND		ug/L	0.500	0.422	1	EPA 8260D	03/05/26 07:00	03/05/26 10:46	
71-43-2	Benzene	ND		ug/L	0.500	0.279	1	EPA 8260D	03/05/26 07:00	03/05/26 10:46	
74-97-5	Bromochloromethane	ND		ug/L	0.500	0.354	1	EPA 8260D	03/05/26 07:00	03/05/26 10:46	
75-27-4	Bromodichloromethane	ND		ug/L	0.500	0.245	1	EPA 8260D	03/05/26 07:00	03/05/26 10:46	
75-25-2	Bromoform	ND		ug/L	0.500	0.163	1	EPA 8260D	03/05/26 07:00	03/05/26 10:46	
74-83-9	Bromomethane	ND		ug/L	2.00	0.500	1	EPA 8260D	03/05/26 07:00	03/05/26 10:46	
75-15-0	Carbon disulfide	ND		ug/L	0.500	0.362	1	EPA 8260D	03/05/26 07:00	03/05/26 10:46	
56-23-5	Carbon tetrachloride	ND		ug/L	0.500	0.204	1	EPA 8260D	03/05/26 07:00	03/05/26 10:46	
108-90-7	Chlorobenzene	ND		ug/L	0.500	0.284	1	EPA 8260D	03/05/26 07:00	03/05/26 10:46	
75-00-3	Chloroethane	ND		ug/L	0.500	0.448	1	EPA 8260D	03/05/26 07:00	03/05/26 10:46	
67-66-3	Chloroform	ND		ug/L	0.500	0.243	1	EPA 8260D	03/05/26 07:00	03/05/26 10:46	
74-87-3	Chloromethane	ND		ug/L	0.500	0.372	1	EPA 8260D	03/05/26 07:00	03/05/26 10:46	
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.500	0.294	1	EPA 8260D	03/05/26 07:00	03/05/26 10:46	
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.500	0.262	1	EPA 8260D	03/05/26 07:00	03/05/26 10:46	
110-82-7	Cyclohexane	ND		ug/L	0.500	0.491	1	EPA 8260D	03/05/26 07:00	03/05/26 10:46	
124-48-1	Dibromochloromethane	ND		ug/L	0.500	0.146	1	EPA 8260D	03/05/26 07:00	03/05/26 10:46	
74-95-3	Dibromomethane	ND		ug/L	0.500	0.203	1	EPA 8260D	03/05/26 07:00	03/05/26 10:46	
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.500	0.451	1	EPA 8260D	03/05/26 07:00	03/05/26 10:46	
100-41-4	Ethyl Benzene	ND		ug/L	0.500	0.290	1	EPA 8260D	03/05/26 07:00	03/05/26 10:46	

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:ALS Environmental - Stratford

Client:Hydro Tech Environmental

Project:230051-170 Freeman Rd Brooklyn NY

Preparation:EPA 5030B

Instrument:VOA No. 10

Batch:BC60272

SDG:26B1152

Laboratory ID:BC60272-BLK1

Calibration:SB60019

File ID:V10C19070.D

Initial/Final:25 mL / 25 mL

Matrix:Water

Prepared:03/05/26 07:00

Analyzed:03/05/26 10:46

Sequence:S6C0601

Volatile Organic Compounds by GC/MS

Sample Prepared by Method: EPA 5030B

Results Reported to MDL

CAS No.	Parameter	Result	Flag	Units	RL	MDL	Dilution	Reference Method	Prepared	Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	0.241	1	EPA 8260D	03/05/26 07:00	03/05/26 10:46	
98-82-8	Isopropylbenzene	ND		ug/L	0.500	0.405	1	EPA 8260D	03/05/26 07:00	03/05/26 10:46	
79-20-9	Methyl acetate	ND		ug/L	0.500	0.442	1	EPA 8260D	03/05/26 07:00	03/05/26 10:46	
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.500	0.244	1	EPA 8260D	03/05/26 07:00	03/05/26 10:46	
108-87-2	Methylcyclohexane	ND		ug/L	0.500	0.477	1	EPA 8260D	03/05/26 07:00	03/05/26 10:46	
75-09-2	Methylene chloride	ND		ug/L	2.00	0.397	1	EPA 8260D	03/05/26 07:00	03/05/26 10:46	
104-51-8	n-Butylbenzene	ND		ug/L	0.500	0.399	1	EPA 8260D	03/05/26 07:00	03/05/26 10:46	
103-65-1	n-Propylbenzene	ND		ug/L	0.500	0.384	1	EPA 8260D	03/05/26 07:00	03/05/26 10:46	
95-47-6	o-Xylene	ND		ug/L	0.500	0.261	1	EPA 8260D	03/05/26 07:00	03/05/26 10:46	
179601-23-1	p- & m- Xylenes	ND		ug/L	1.00	0.578	1	EPA 8260D	03/05/26 07:00	03/05/26 10:46	
99-87-6	p-Isopropyltoluene	ND		ug/L	0.500	0.377	1	EPA 8260D	03/05/26 07:00	03/05/26 10:46	
135-98-8	sec-Butylbenzene	ND		ug/L	0.500	0.444	1	EPA 8260D	03/05/26 07:00	03/05/26 10:46	
100-42-5	Styrene	ND		ug/L	0.500	0.255	1	EPA 8260D	03/05/26 07:00	03/05/26 10:46	
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	1.00	0.608	1	EPA 8260D	03/05/26 07:00	03/05/26 10:46	
98-06-6	tert-Butylbenzene	ND		ug/L	0.500	0.367	1	EPA 8260D	03/05/26 07:00	03/05/26 10:46	
127-18-4	Tetrachloroethylene	ND		ug/L	0.500	0.239	1	EPA 8260D	03/05/26 07:00	03/05/26 10:46	
108-88-3	Toluene	ND		ug/L	0.500	0.346	1	EPA 8260D	03/05/26 07:00	03/05/26 10:46	
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.500	0.279	1	EPA 8260D	03/05/26 07:00	03/05/26 10:46	
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.500	0.229	1	EPA 8260D	03/05/26 07:00	03/05/26 10:46	
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.500	0.283	1	EPA 8260D	03/05/26 07:00	03/05/26 10:46	
79-01-6	Trichloroethylene	ND		ug/L	0.500	0.249	1	EPA 8260D	03/05/26 07:00	03/05/26 10:46	
75-69-4	Trichlorofluoromethane	ND		ug/L	0.500	0.337	1	EPA 8260D	03/05/26 07:00	03/05/26 10:46	
75-01-4	Vinyl Chloride	ND		ug/L	0.500	0.469	1	EPA 8260D	03/05/26 07:00	03/05/26 10:46	
1330-20-7	Xylenes, Total	ND		ug/L	1.50	0.839	1	EPA 8260D	03/05/26 07:00	03/05/26 10:46	
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	SURR: 1,2-Dichloroethane-d4	96.7 %	69-130								
460-00-4	SURR: p-Bromofluorobenzene	113 %	79-122								
2037-26-5	SURR: Toluene-d8	107 %	81-117								

Data File : V10C19070.D
 Data Path : C:\msdchem\1\data\V10-03-05-2026\
 Acq On : 5 Mar 2026 10:46 am
 Operator : THD
 Sample : BC60272-BLK1
 Misc :
 ALS Vial : 28
 InstName : VOA No. 10
 DataAcq Meth:VOA10ACQ.M

Multiplr: 1.00

Quant Time: Mar 05 21:42:27 2026
 QMeth File : V10-8260D-R020926.M
 Quant Method : C:\msdchem\1\methods\V10-8260D-R020926.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Wed Feb 11 17:28:59 2026
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)

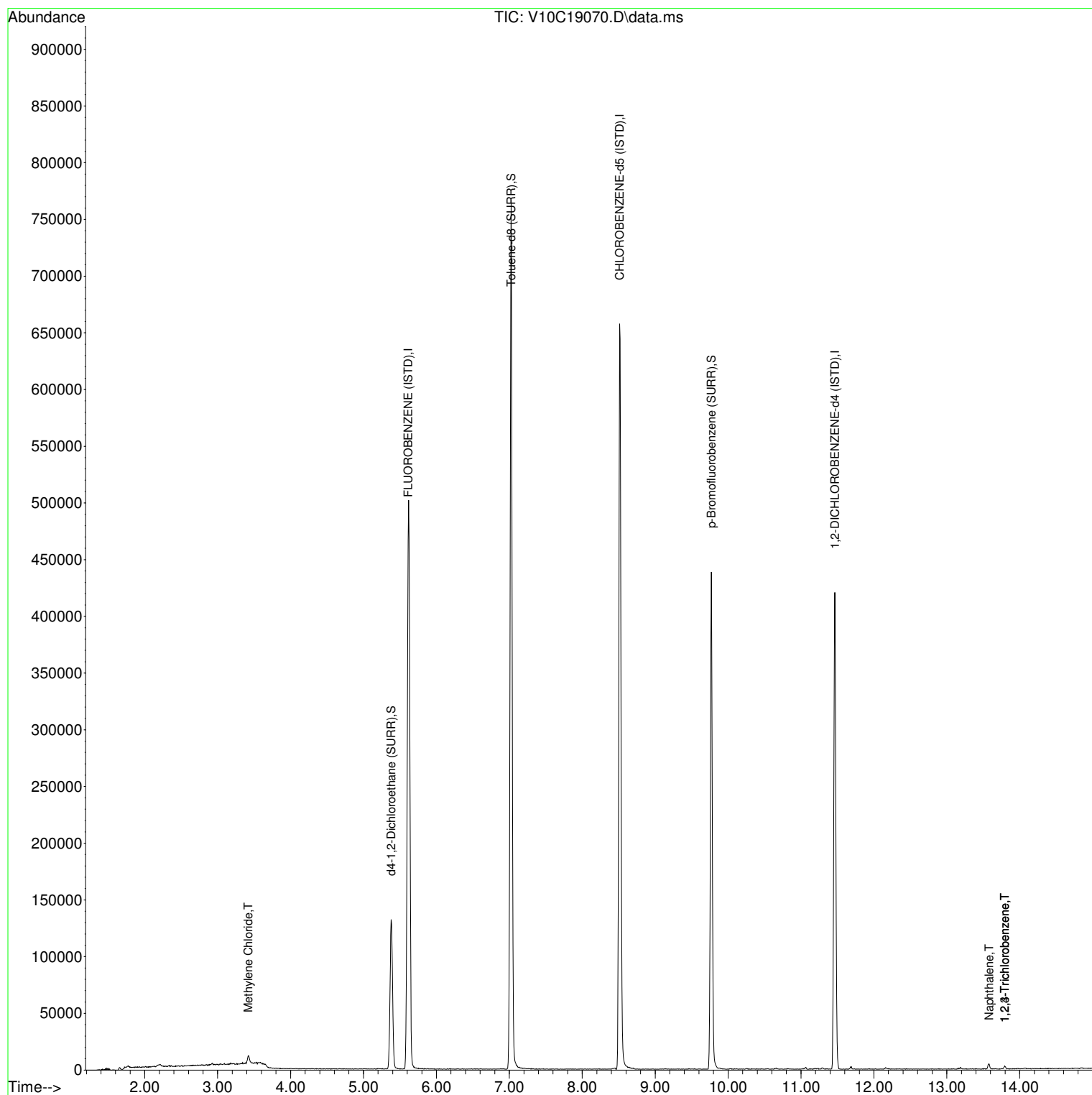
Internal Standards						
1) FLUOROBENZENE (ISTD)	5.612	50	67797	10.00	ppb	0.00
48) CHLOROBENZENE-d5 (ISTD)	8.514	119	124333	10.00	ppb	0.00
80) 1,2-DICHLOROBENZENE-d4...	11.464	152	121516	10.00	ppb	0.00
System Monitoring Compounds						
42) d4-1,2-Dichloroethane ...	5.380	65	114616	9.67	ppb	0.00
Spiked Amount 10.000	Range 69 - 130		Recovery =	96.70%		
60) Toluene-d8 (SURR)	7.026	98	588784	10.69	ppb	0.00
Spiked Amount 10.000	Range 81 - 117		Recovery =	106.90%		
82) p-Bromofluorobenzene (...)	9.769	95	179856	11.28	ppb	0.00
Spiked Amount 10.000	Range 79 - 122		Recovery =	112.80%		
Target Compounds						Qvalue
24) Methylene Chloride	3.417	49	4403	0.28	ppb	88
111) 1,2,4-Trichlorobenzene	13.793	180	1224	0.63	ppb #	89
113) Naphthalene	13.580	128	4579	0.74	ppb	97
114) 1,2,3-Trichlorobenzene	13.793	180	1224	0.63	ppb #	89

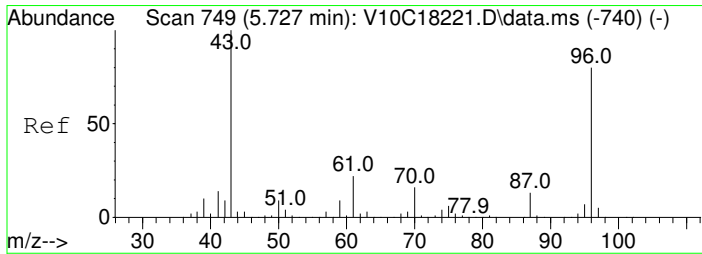
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : V10C19070.D
Data Path : C:\msdchem\1\data\V10-03-05-2026\
Acq On : 5 Mar 2026 10:46 am
Operator : THD
Sample : BC60272-BLK1
Misc :
ALS Vial : 28
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Multiplr: 1.00

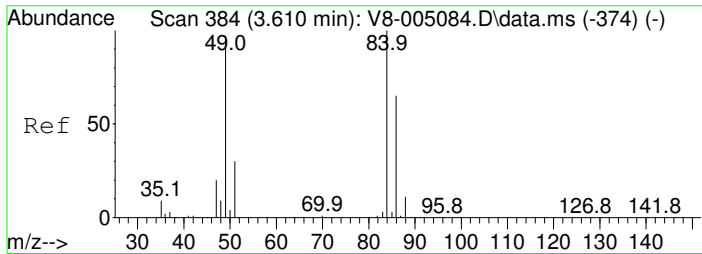
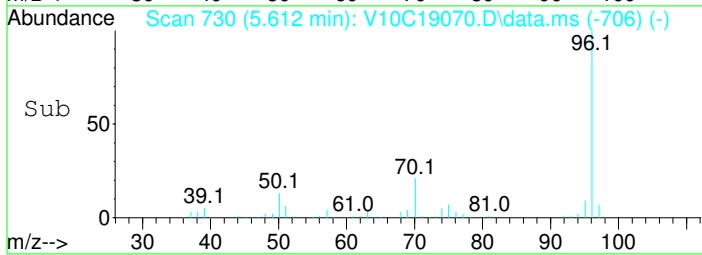
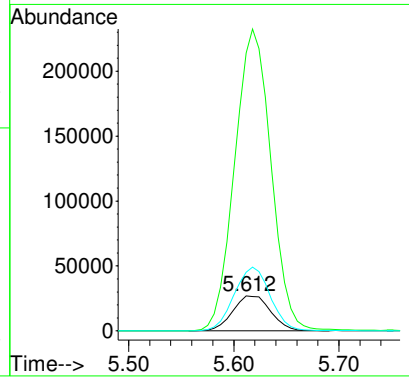
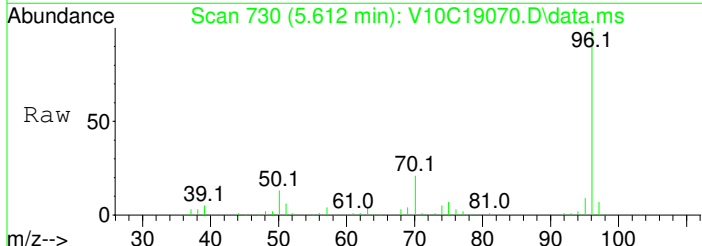
Quant Time: Mar 05 21:42:27 2026
QMeth File : V10-8260D-R020926.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R020926.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Feb 11 17:28:59 2026
Response via : Initial Calibration





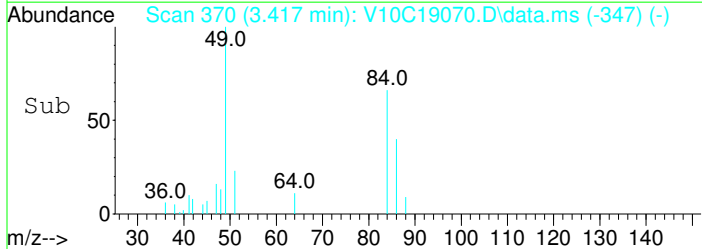
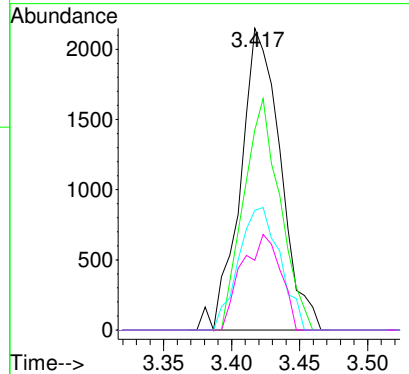
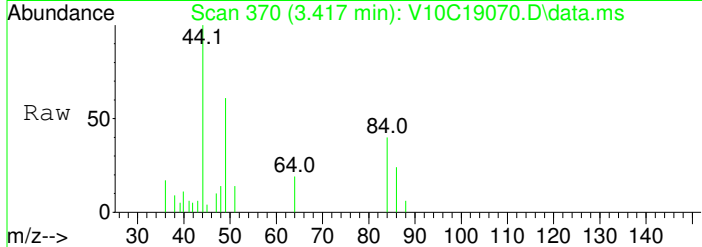
#1
 FLUOROBENZENE (ISTD)
 Concen: 10.00 ppb
 RT: 5.612 min Scan# 730
 Delta R.T. -0.006 min
 Lab File: V10C19070.D
 Acq: 5 Mar 2026 10:46 am

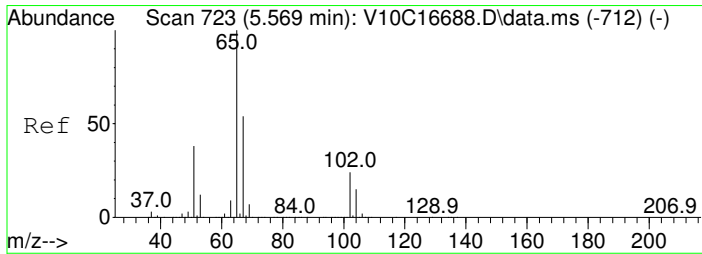
Tgt Ion	50	Resp	67797
Ion Ratio	Lower	Upper	
50	100		
96	825.4	549.7	1141.7
70	173.3	112.2	233.0



#24
 Methylene Chloride
 Concen: 0.28 ppb
 RT: 3.417 min Scan# 370
 Delta R.T. -0.012 min
 Lab File: V10C19070.D
 Acq: 5 Mar 2026 10:46 am

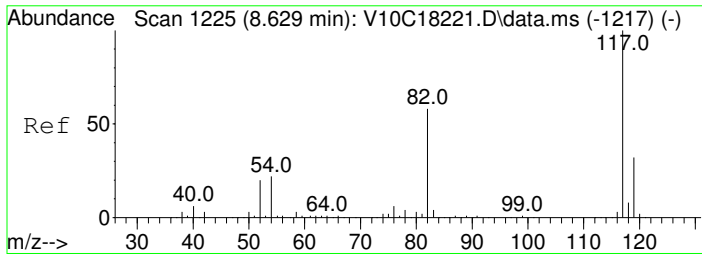
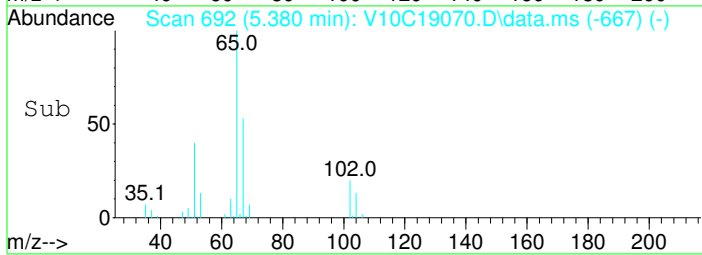
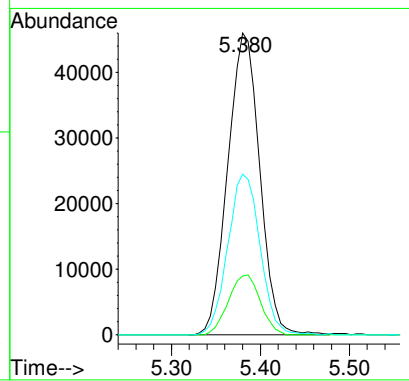
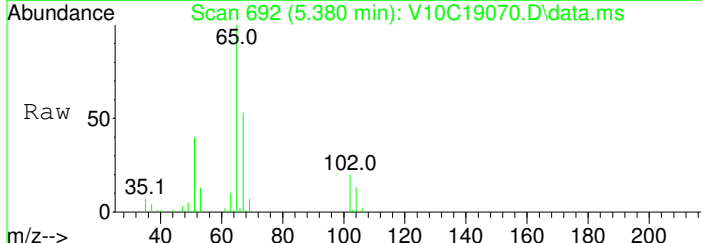
Tgt Ion	49	Resp	4403
Ion Ratio	Lower	Upper	
49	100		
84	69.5	53.7	111.5
86	41.9	34.1	70.9
51	30.4	20.7	43.1





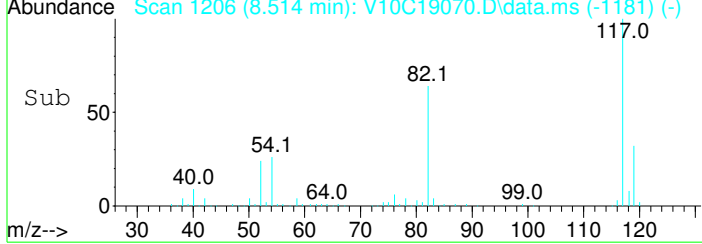
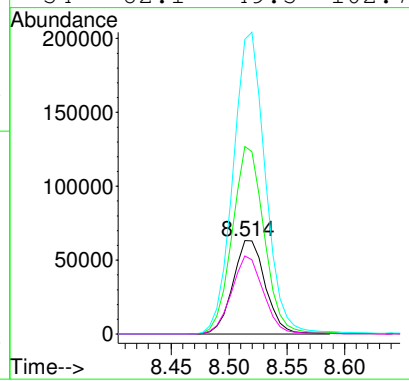
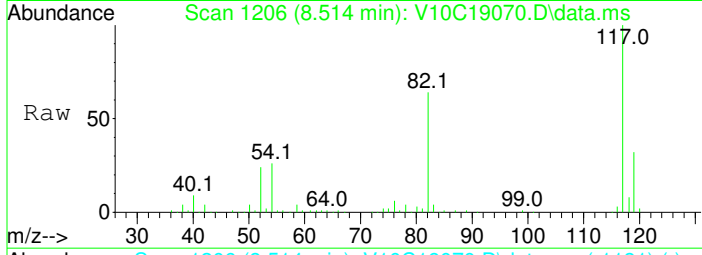
#42
 d4-1,2-Dichloroethane (SURR)
 Concen: 9.67 ppb
 RT: 5.380 min Scan# 692
 Delta R.T. 0.000 min
 Lab File: V10C19070.D
 Acq: 5 Mar 2026 10:46 am

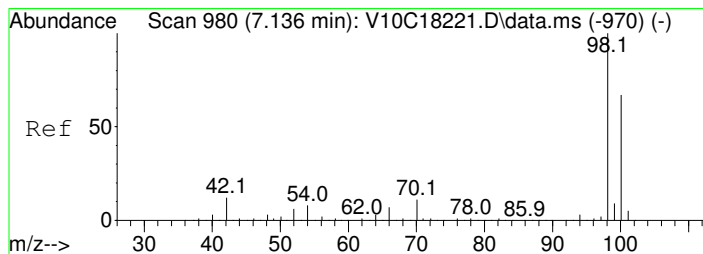
Tgt Ion	65	102	67
Ratio	100	19.7	53.8
Lower		12.9	32.7
Upper		26.9	67.9



#48
 CHLOROBENZENE-d5 (ISTD)
 Concen: 10.00 ppb
 RT: 8.514 min Scan# 1206
 Delta R.T. 0.000 min
 Lab File: V10C19070.D
 Acq: 5 Mar 2026 10:46 am

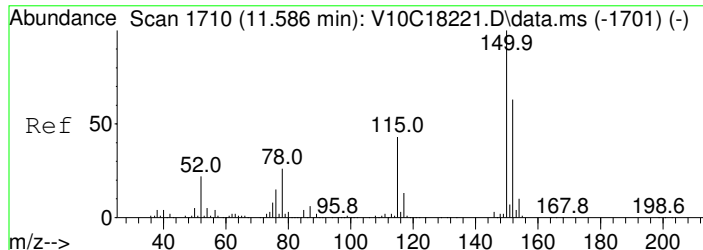
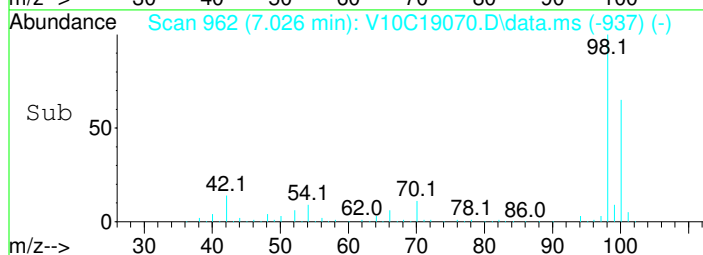
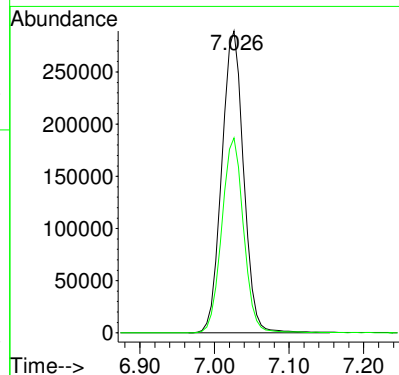
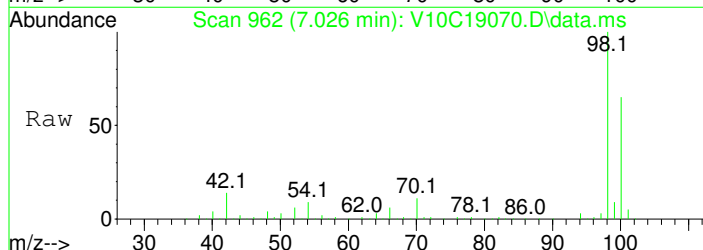
Tgt Ion	119	82	117	54
Ratio	100	198.1	321.3	82.1
Lower		115.3	202.4	49.5
Upper		239.5	420.4	102.7





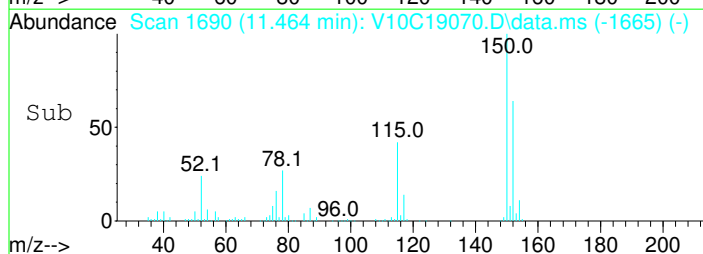
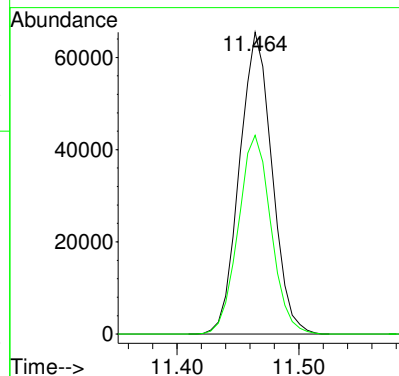
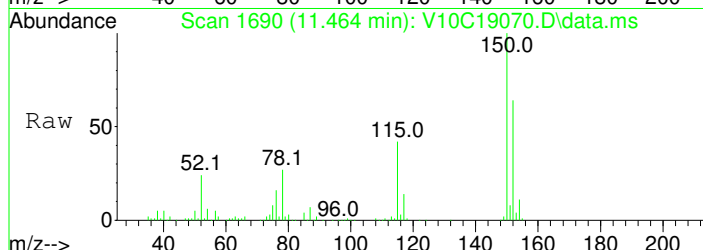
#60
Toluene-d8 (SURR)
Concen: 10.69 ppb
RT: 7.026 min Scan# 962
Delta R.T. 0.000 min
Lab File: V10C19070.D
Acq: 5 Mar 2026 10:46 am

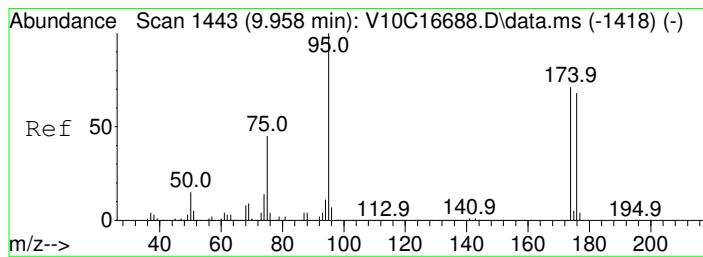
Tgt Ion: 98 Resp: 588784
Ion Ratio Lower Upper
98 100
100 64.2 42.3 87.9



#80
1,2-DICHLOROBENZENE-d4 (ISTD)
Concen: 10.00 ppb
RT: 11.464 min Scan# 1690
Delta R.T. 0.000 min
Lab File: V10C19070.D
Acq: 5 Mar 2026 10:46 am

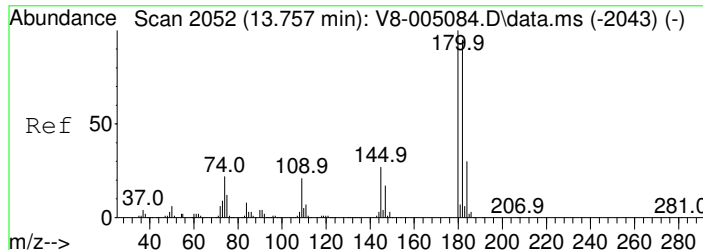
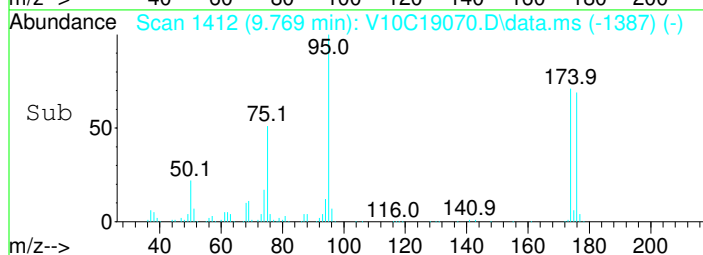
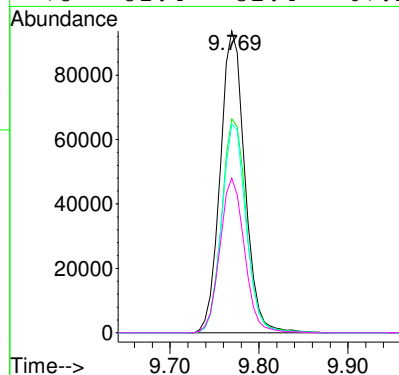
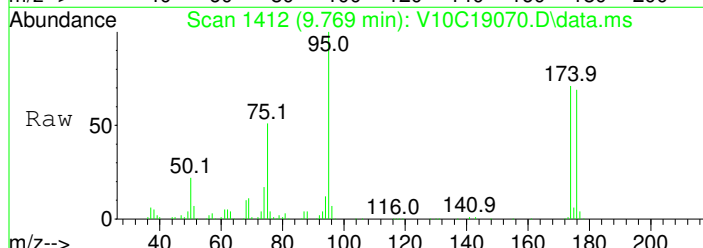
Tgt Ion: 152 Resp: 121516
Ion Ratio Lower Upper
152 100
115 66.4 41.0 85.2





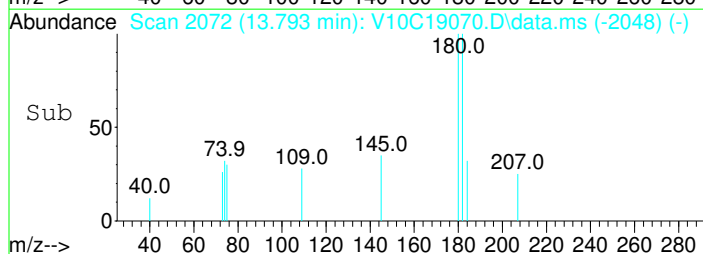
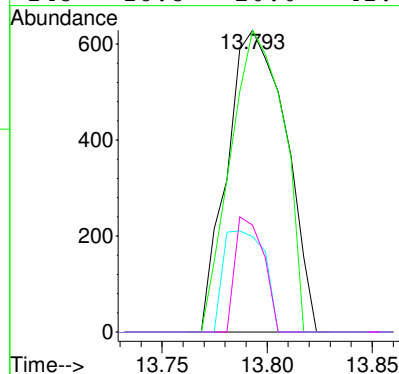
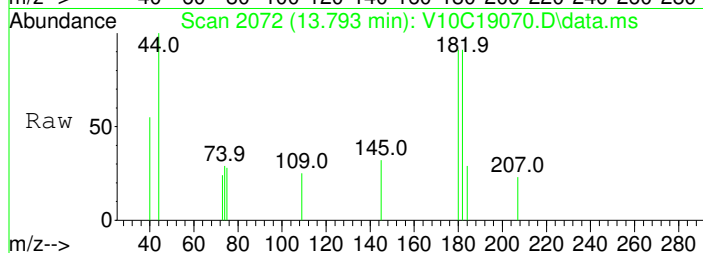
#82
p-Bromofluorobenzene (SURR)
Concen: 11.28 ppb
RT: 9.769 min Scan# 1412
Delta R.T. 0.000 min
Lab File: V10C19070.D
Acq: 5 Mar 2026 10:46 am

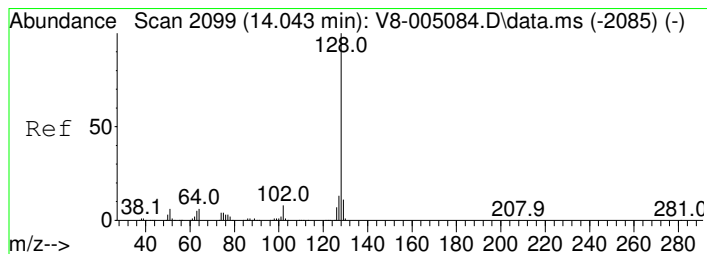
Tgt Ion: 95 Resp: 179856
Ion Ratio Lower Upper
95 100
174 71.4 52.7 109.4
176 68.8 51.0 105.8
75 51.4 32.4 67.2



#111
1,2,4-Trichlorobenzene
Concen: 0.63 ppb
RT: 13.793 min Scan# 2072
Delta R.T. -0.006 min
Lab File: V10C19070.D
Acq: 5 Mar 2026 10:46 am

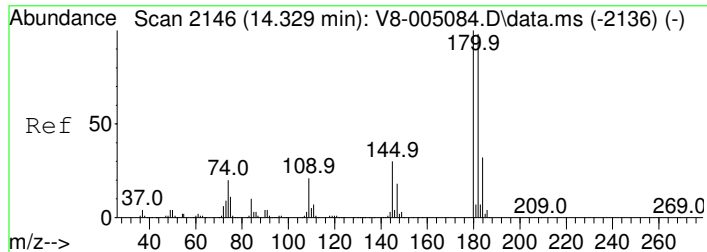
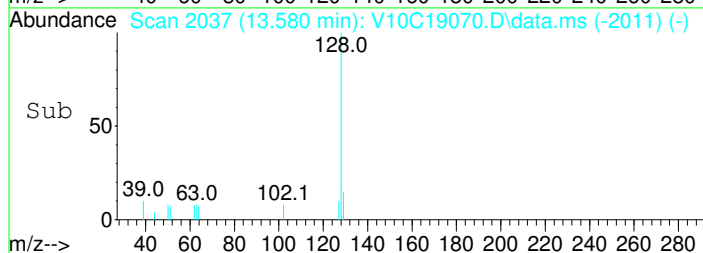
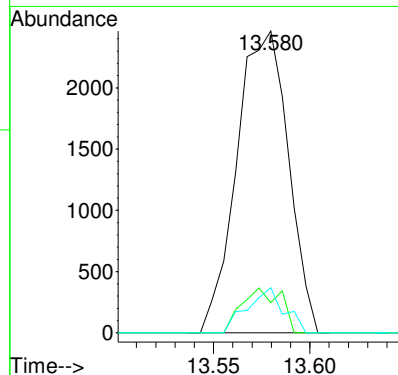
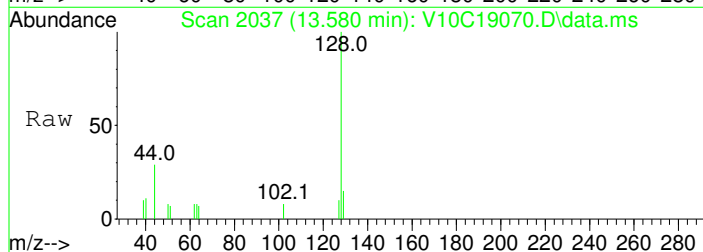
Tgt Ion: 180 Resp: 1224
Ion Ratio Lower Upper
180 100
182 90.7 63.4 131.8
74 23.4 18.6 38.6
145 18.5 20.0 41.6#





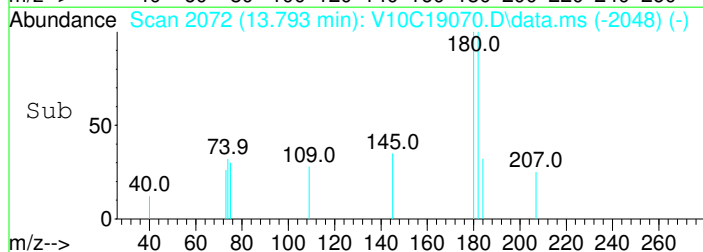
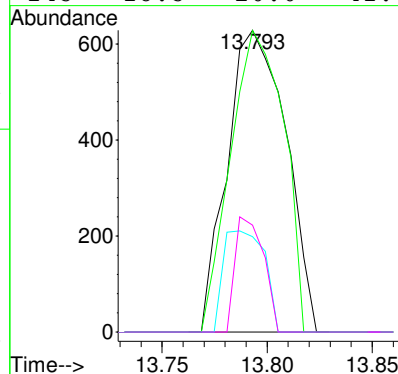
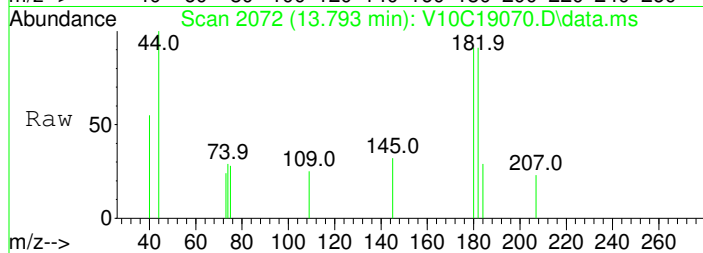
#113
Naphthalene
Concen: 0.74 ppb
RT: 13.580 min Scan# 2037
Delta R.T. 0.006 min
Lab File: V10C19070.D
Acq: 5 Mar 2026 10:46 am

Tgt Ion:128	Resp:	4579
Ion Ratio	Lower	Upper
128	100	
127	11.3	8.4 17.4
129	10.7	7.2 14.9



#114
1,2,3-Trichlorobenzene
Concen: 0.63 ppb
RT: 13.793 min Scan# 2072
Delta R.T. -0.006 min
Lab File: V10C19070.D
Acq: 5 Mar 2026 10:46 am

Tgt Ion:180	Resp:	1224
Ion Ratio	Lower	Upper
180	100	
182	90.7	63.4 131.8
74	23.4	18.6 38.6
145	18.5	20.0 41.6#



FORM V

MASS SPECTROMETER INSTRUMENT PERFORMANCE CHECK

EPA 8260D

Laboratory:ALS Environmental - StratfordSDG:26B1152

Client:Hydro Tech EnvironmentalProject:230051-170 Freeman Rd Brooklyn NY

Lab File ID:V7-55264.DInjection Date:02/09/26

Instrument ID:MSVOA7Injection Time:10:12

Sequence:S6B1124Lab Sample ID:S6B1124-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15 - 40% of 95	17.7	PASS
75	30 - 60% of 95	47.8	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.69	PASS
173	Less than 2% of 174	0	PASS
174	50 - 100% of 95	80.9	PASS
175	5 - 9% of 174	7.52	PASS
176	95 - 101% of 174	96.6	PASS
177	5 - 10% of 176	6.23	PASS

FORM V**MASS SPECTROMETER INSTRUMENT PERFORMANCE CHECK****EPA 8260D**Laboratory: ALS Environmental - StratfordSDG: 26B1152Client: Hydro Tech EnvironmentalProject: 230051-170 Freeman Rd Brooklyn NYLab File ID: V10C18736.DInjection Date: 02/09/26Instrument ID: VOA No. 10Injection Time: 10:11Sequence: S6B1127Lab Sample ID: S6B1127-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15 - 40% of 95	19.6	PASS
75	30 - 60% of 95	50.6	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.75	PASS
173	Less than 2% of 174	0.697	PASS
174	50 - 100% of 95	80	PASS
175	5 - 9% of 174	7.28	PASS
176	95 - 101% of 174	96.4	PASS
177	5 - 10% of 176	6.55	PASS

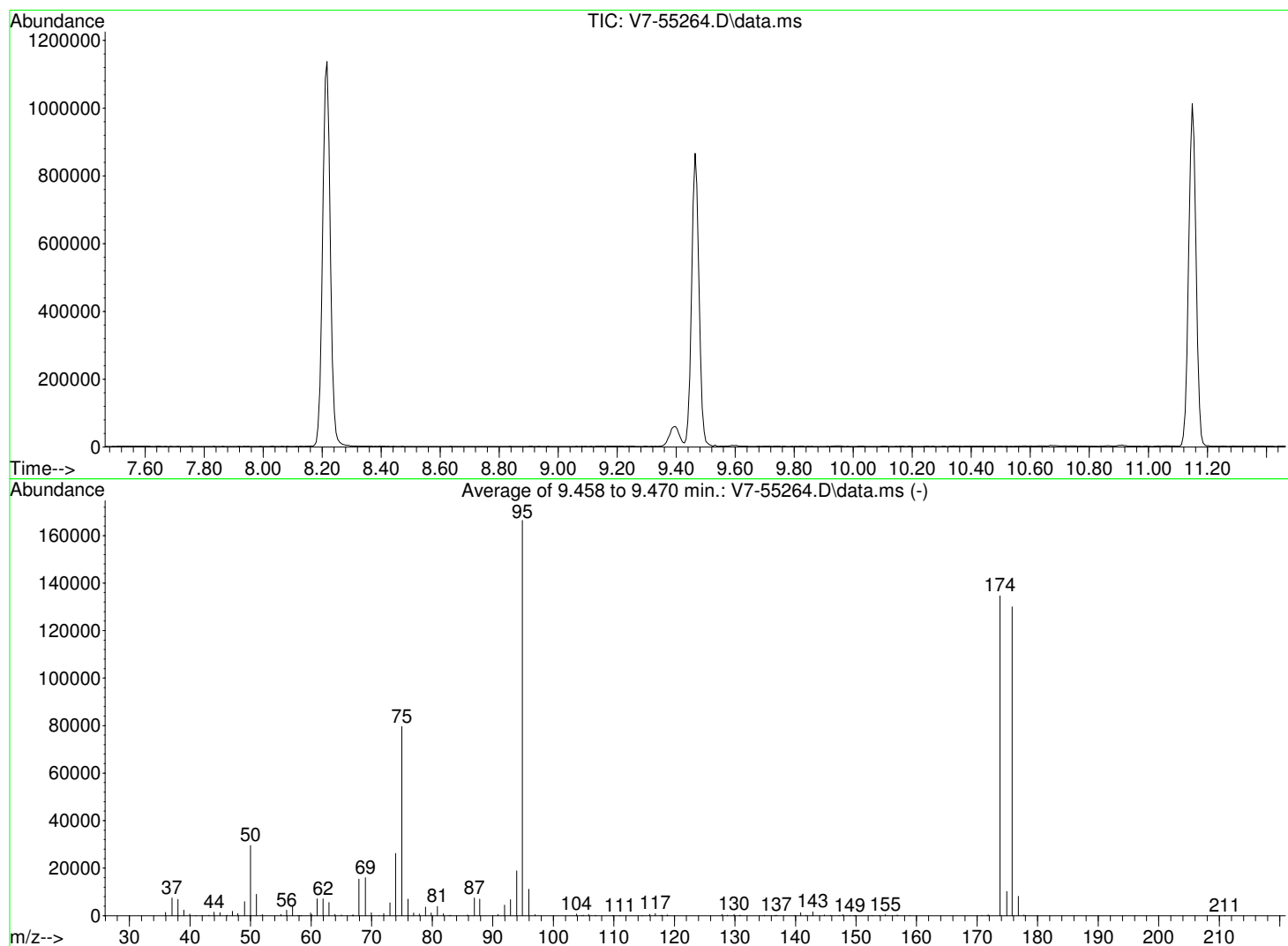
FORM V**MASS SPECTROMETER INSTRUMENT PERFORMANCE CHECK****EPA 8260D**Laboratory: ALS Environmental - StratfordSDG: 26B1152Client: Hydro Tech EnvironmentalProject: 230051-170 Freeman Rd Brooklyn NYLab File ID: V7-55503.DInjection Date: 02/28/26Instrument ID: MSVOA7Injection Time: 08:43Sequence: S6C0316Lab Sample ID: S6C0316-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15 - 40% of 95	18.8	PASS
75	30 - 60% of 95	49.4	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.69	PASS
173	Less than 2% of 174	0	PASS
174	50 - 100% of 95	82.7	PASS
175	5 - 9% of 174	8.03	PASS
176	95 - 101% of 174	96.8	PASS
177	5 - 10% of 176	6.39	PASS

Data Path : C:\msdchem\1\data\VOA7-02-09-26\
 Data File : V7-55264.D
 InstName : MSVOA7
 Acq On : 9 Feb 2026 10:12 am
 Operator : PD
 Sample : SEQ-TUN1
 Misc : 8260
 ALS Vial : 2 Sample Multiplier: 1

Integration File: rteint.p

Method : C:\msdchem\1\methods\Calibration\V7-8260D-R020926.M
 Title : Volatile Organics EPA 8260D & 624.1
 Last Update : Wed Feb 11 19:02:20 2026



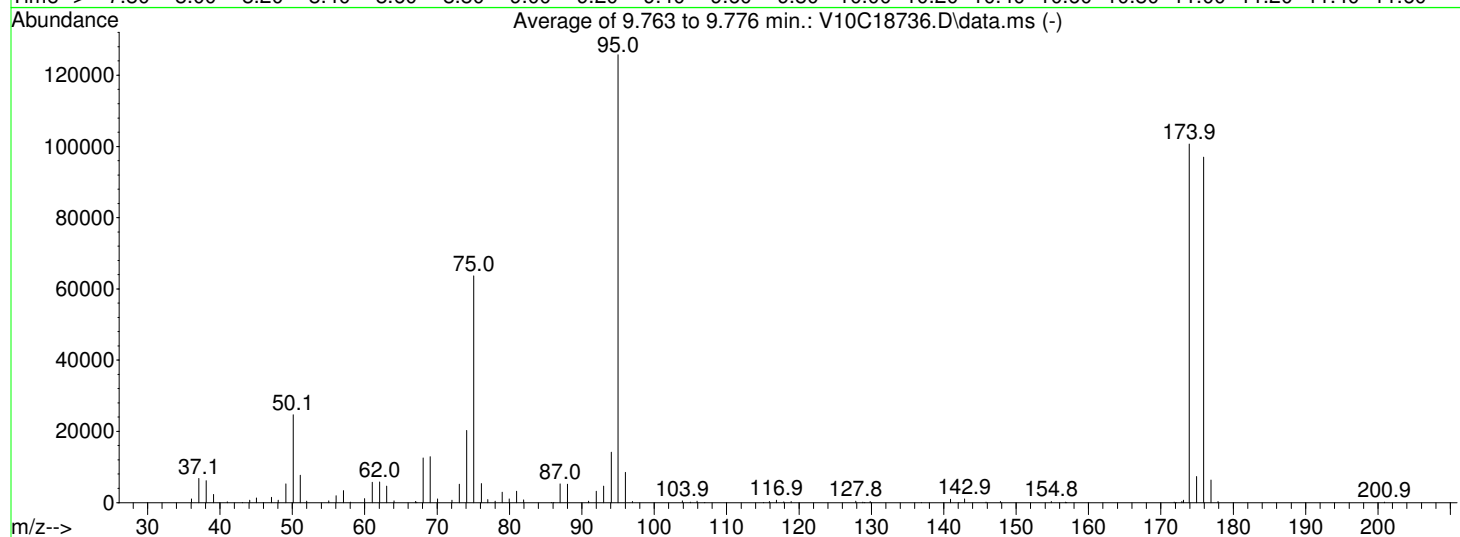
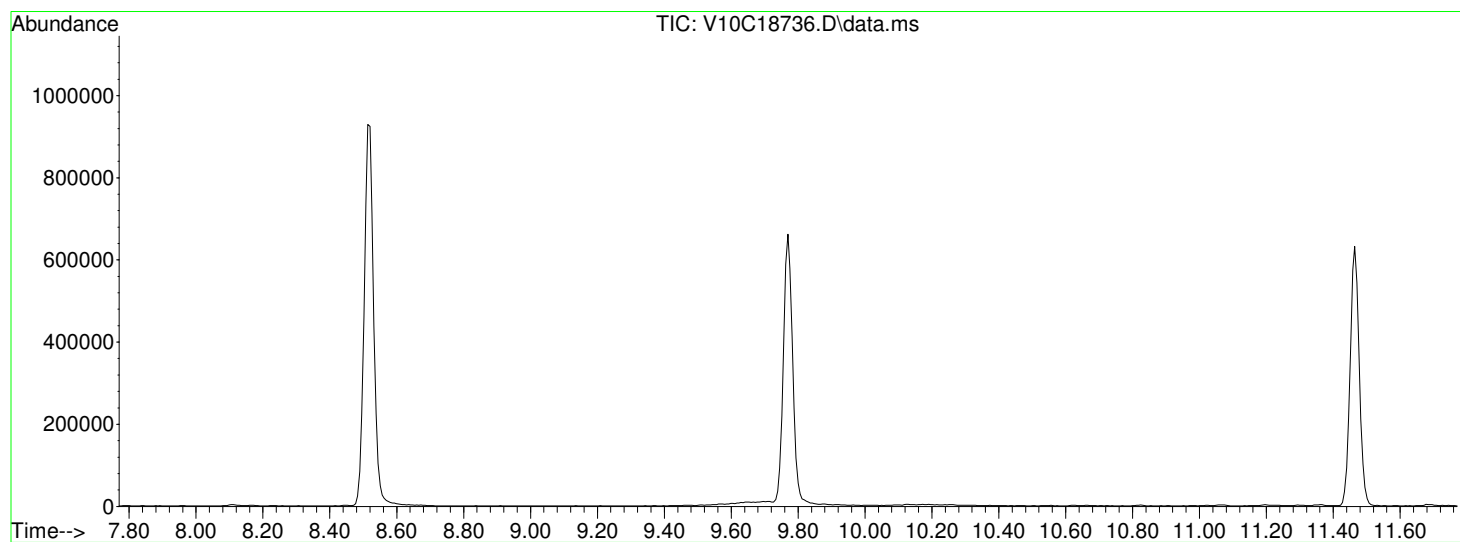
Spectrum Information: Average of 9.458 to 9.470 min.

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
50	95	15	40	17.7	29493	PASS
75	95	30	60	47.8	79533	PASS
95	95	100	100	100.0	166421	PASS
96	95	5	9	6.7	11135	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	80.9	134603	PASS
175	174	5	9	7.5	10127	PASS
176	174	95	101	96.6	130024	PASS
177	176	5	9	6.2	8106	PASS

Data Path : C:\msdchem\1\data\V10-02-09-2026\
 Data File : V10C18736.D
 Acq On : 9 Feb 2026 10:11 am
 Operator : PMB
 Sample : SEQ-TUN1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1
 InstName : VOA No. 10

Integration File: rteint.p

Method : C:\msdchem\1\methods\V10-8260D-R020926.M
 Title : Volatile Organics EPA 8260D & 624.1
 Last Update : Wed Feb 11 08:53:36 2026



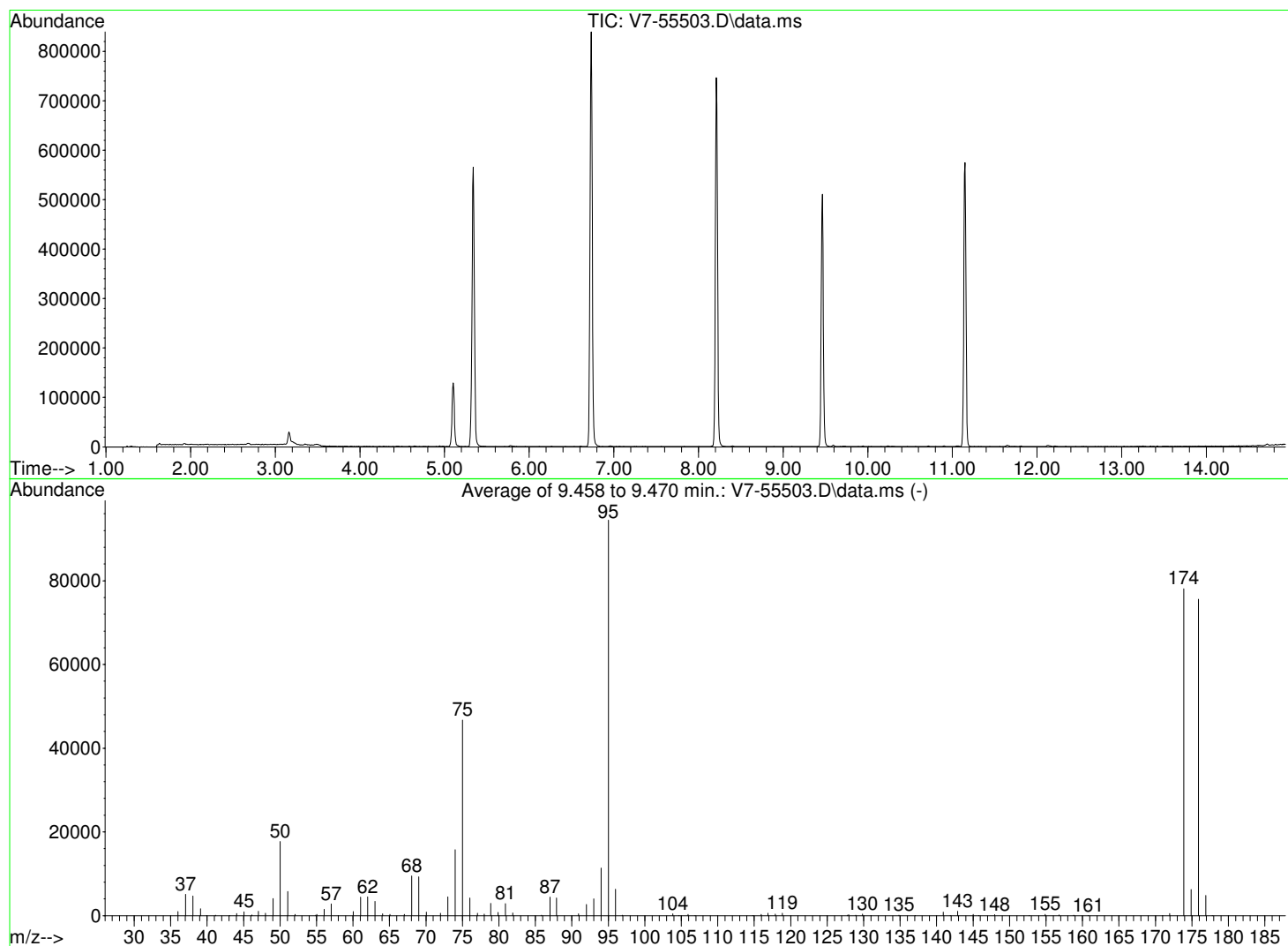
Spectrum Information: Average of 9.763 to 9.776 min.

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
50	95	15	40	19.6	24659	PASS
75	95	30	60	50.6	63651	PASS
95	95	100	100	100.0	125795	PASS
96	95	5	9	6.7	8491	PASS
173	174	0.00	2	0.7	702	PASS
174	95	50	100	80.0	100683	PASS
175	174	5	9	7.3	7329	PASS
176	174	95	101	96.4	97016	PASS
177	176	5	9	6.5	6350	PASS

Data Path : C:\msdchem\1\data\VOA7-02-28-26\
Data File : V7-55503.D
InstName : MSVOA7
Acq On : 28 Feb 2026 8:43 am
Operator : THD
Sample : SEQ-TUN1
Misc : TUN
ALS Vial : 40 Sample Multiplier: 1

Integration File: rteint.p

Method : C:\msdchem\1\methods\Calibration\V7-8260D-R020926.M
Title : Volatile Organics EPA 8260D & 624.1
Last Update : Wed Feb 11 19:02:20 2026



Spectrum Information: Average of 9.458 to 9.470 min.

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
50	95	15	40	18.8	17730	PASS
75	95	30	60	49.4	46701	PASS
95	95	100	100	100.0	94448	PASS
96	95	5	9	6.7	6321	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	82.7	78104	PASS
175	174	5	9	8.0	6274	PASS
176	174	95	101	96.8	75627	PASS
177	176	5	9	6.4	4832	PASS

TUNE RAW DATA

SDG:

SEQUENCE:

CLASS:

METHOD:

FORM V**ANALYSIS BATCH (SEQUENCE) SUMMARY
EPA 8260D**Laboratory: ALS Environmental - StratfordSDG: 26B1152Client: Hydro Tech EnvironmentalProject: 230051-170 Freeman Rd Brooklyn NYSequence: S6B1124Instrument: MSVOA7Calibration: SB60017

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
MS Tune	S6B1124-TUN1	V7-55264.D	02/09/26 10:12
Cal Standard	S6B1124-CAL1	V7-55265.D	02/09/26 12:28
Cal Standard	S6B1124-CAL2	V7-55266.D	02/09/26 12:57
Cal Standard	S6B1124-CAL3	V7-55267.D	02/09/26 13:26
Cal Standard	S6B1124-CAL4	V7-55268.D	02/09/26 13:55
Cal Standard	S6B1124-CAL5	V7-55269.D	02/09/26 14:25
Cal Standard	S6B1124-CAL6	V7-55270.D	02/09/26 14:54
Cal Standard	S6B1124-CAL7	V7-55271.D	02/09/26 15:23
Cal Standard	S6B1124-CAL8	V7-55272.D	02/09/26 15:53
Cal Standard	S6B1124-CAL9	V7-55273.D	02/09/26 16:22
Cal Standard	S6B1124-CALA	V7-55274.D	02/09/26 16:51
Secondary Cal Check	S6B1124-SCV1	V7-55287.D	02/10/26 16:05

FORM V

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 8260D

Laboratory:ALS Environmental - StratfordSDG:26B1152

Client:Hydro Tech EnvironmentalProject:230051-170 Freeman Rd Brooklyn NY

Sequence:S6B1127Instrument:VOA No. 10

Calibration:SB60019

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
MS Tune	S6B1127-TUN1	V10C18736.D	02/09/26 10:11
Cal Standard	S6B1127-CAL1	V10C18737.D	02/09/26 12:22
Cal Standard	S6B1127-CAL2	V10C18738.D	02/09/26 12:52
Cal Standard	S6B1127-CAL3	V10C18739.D	02/09/26 13:21
Cal Standard	S6B1127-CAL4	V10C18740.D	02/09/26 13:51
Cal Standard	S6B1127-CAL5	V10C18741.D	02/09/26 14:20
Cal Standard	S6B1127-CAL6	V10C18742.D	02/09/26 14:50
Cal Standard	S6B1127-CAL7	V10C18743.D	02/09/26 15:20
Cal Standard	S6B1127-CAL8	V10C18744.D	02/09/26 15:50
Cal Standard	S6B1127-CAL9	V10C18745.D	02/09/26 16:19
Cal Standard	S6B1127-CALA	V10C18746.D	02/09/26 16:49
Secondary Cal Check	S6B1127-SCV1	V10C18748.D	02/09/26 17:48

FORM V**ANALYSIS BATCH (SEQUENCE) SUMMARY
EPA 8260D**Laboratory: ALS Environmental - StratfordSDG: 26B1152Client: Hydro Tech EnvironmentalProject: 230051-170 Freeman Rd Brooklyn NYSequence: S6C0316Instrument: MSVOA7Calibration: SB60017

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
MS Tune	S6C0316-TUN1	V7-55503.D	02/28/26 08:43
Calibration Check	S6C0316-CCV1	V7-55504.D	02/28/26 09:12
LCS	BB61548-BS1	V7-55505.D	02/28/26 09:53
LCS Dup	BB61548-BSD1	V7-55506.D	02/28/26 10:22
Blank	BB61548-BLK1	V7-55508.D	02/28/26 11:26
TB (2026 27 02)	26B1152-08	V7-55509.D	02/28/26 11:55
MW-9 (2026 27 02)	26B1152-01	V7-55510.D	02/28/26 12:25
MW-10 (2026 27 02)	26B1152-02	V7-55511.D	02/28/26 12:55
MW-11R MS/MSD (2026 27 02)	26B1152-03	V7-55512.D	02/28/26 13:24
MW-13R (2026 27 02)	26B1152-04	V7-55513.D	02/28/26 13:54
MW-14 (2026 27 02)	26B1152-05	V7-55514.D	02/28/26 14:24
MW-15 (2026 27 02)	26B1152-06	V7-55515.D	02/28/26 14:54
FB (2026 27 02)	26B1152-07	V7-55516.D	02/28/26 15:24
MW-11R MS/MSD (2026 27 02)	BB61548-MS1	V7-55523.D	02/28/26 18:51
MW-11R MS/MSD (2026 27 02)	BB61548-MSD1	V7-55524.D	02/28/26 19:21

FORM V

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 8260D

Laboratory:

ALS Environmental - Stratford

SDG:

26B1152

Client:

Hydro Tech Environmental

Project:

230051-170 Freeman Rd Brooklyn NY

Sequence:

S6C0601

Instrument:

VOA No. 10

Calibration:

SB60019

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
Calibration Check	S6C0601-CCV1	V10C19065.D	03/05/26 07:44
LCS	BC60272-BS1	V10C19067.D	03/05/26 09:18
LCS Dup	BC60272-BSD1	V10C19068.D	03/05/26 09:47
Blank	BC60272-BLK1	V10C19070.D	03/05/26 10:46
MW-9 (2026 27 02)	26B1152-01RE1	V10C19077.D	03/05/26 14:21
MW-11R MS/MSD (2026 27 02)	26B1152-03RE1	V10C19078.D	03/05/26 14:50

FORM VIII

INTERNAL STANDARD AREA AND RT SUMMARY
EPA 8260D

Laboratory: ALS Environmental - Stratford

SDG: 26B1152

Client: Hydro Tech Environmental

Project: 230051-170 Freeman Rd Brooklyn NY

Sequence: S6B1124

Instrument: MSVOA7

Calibration: SB60017

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Cal Standard (S6B1124-CAL1)			Lab File ID: V7-55265.D			Analyzed: 02/09/26 12:28			
ISTD: Fluorobenzene	78113	5.333	92964	5.345	84	50 - 200	-0.0120	+/-0.50	
ISTD: Chlorobenzene-d5	133869	8.211	174485	8.216	77	50 - 200	-0.0050	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	277291	11.149	384833	11.155	72	50 - 200	-0.0060	+/-0.50	
Cal Standard (S6B1124-CAL2)			Lab File ID: V7-55266.D			Analyzed: 02/09/26 12:57			
ISTD: Fluorobenzene	78726	5.339	92964	5.345	85	50 - 200	-0.0060	+/-0.50	
ISTD: Chlorobenzene-d5	141780	8.216	174485	8.216	81	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	317311	11.149	384833	11.155	82	50 - 200	-0.0060	+/-0.50	
Cal Standard (S6B1124-CAL3)			Lab File ID: V7-55267.D			Analyzed: 02/09/26 13:26			
ISTD: Fluorobenzene	79819	5.339	92964	5.345	86	50 - 200	-0.0060	+/-0.50	
ISTD: Chlorobenzene-d5	140991	8.216	174485	8.216	81	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	318450	11.149	384833	11.155	83	50 - 200	-0.0060	+/-0.50	
Cal Standard (S6B1124-CAL4)			Lab File ID: V7-55268.D			Analyzed: 02/09/26 13:55			
ISTD: Fluorobenzene	81208	5.339	92964	5.345	87	50 - 200	-0.0060	+/-0.50	
ISTD: Chlorobenzene-d5	149229	8.217	174485	8.216	86	50 - 200	0.0010	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	334731	11.155	384833	11.155	87	50 - 200	0.0000	+/-0.50	
Cal Standard (S6B1124-CAL5)			Lab File ID: V7-55269.D			Analyzed: 02/09/26 14:25			
ISTD: Fluorobenzene	85521	5.345	92964	5.345	92	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	155756	8.217	174485	8.216	89	50 - 200	0.0010	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	352811	11.155	384833	11.155	92	50 - 200	0.0000	+/-0.50	
Cal Standard (S6B1124-CAL6)			Lab File ID: V7-55270.D			Analyzed: 02/09/26 14:54			
ISTD: Fluorobenzene	86202	5.345	92964	5.345	93	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	162382	8.217	174485	8.216	93	50 - 200	0.0010	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	362888	11.155	384833	11.155	94	50 - 200	0.0000	+/-0.50	
Cal Standard (S6B1124-CAL7)			Lab File ID: V7-55271.D			Analyzed: 02/09/26 15:23			
ISTD: Fluorobenzene	92964	5.345	92964	5.345	100	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	174485	8.216	174485	8.216	100	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	384833	11.155	384833	11.155	100	50 - 200	0.0000	+/-0.50	
Cal Standard (S6B1124-CAL8)			Lab File ID: V7-55272.D			Analyzed: 02/09/26 15:53			
ISTD: Fluorobenzene	101101	5.345	92964	5.345	109	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	195862	8.216	174485	8.216	112	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	404247	11.155	384833	11.155	105	50 - 200	0.0000	+/-0.50	

FORM VIII**INTERNAL STANDARD AREA AND RT SUMMARY
EPA 8260D**

Laboratory: ALS Environmental - Stratford

SDG: 26B1152

Client: Hydro Tech Environmental

Project: 230051-170 Freeman Rd Brooklyn NY

Sequence: S6B1124

Instrument: MSVOA7

Calibration: SB60017

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Cal Standard (S6B1124-CAL9)			Lab File ID: V7-55273.D			Analyzed: 02/09/26 16:22			
ISTD: Fluorobenzene	105303	5.345	92964	5.345	113	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	224828	8.216	174485	8.216	129	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	430995	11.155	384833	11.155	112	50 - 200	0.0000	+/-0.50	
Cal Standard (S6B1124-CALA)			Lab File ID: V7-55274.D			Analyzed: 02/09/26 16:51			
ISTD: Fluorobenzene	117389	5.351	92964	5.345	126	50 - 200	0.0060	+/-0.50	
ISTD: Chlorobenzene-d5	283417	8.223	174485	8.216	162	50 - 200	0.0070	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	451234	11.161	384833	11.155	117	50 - 200	0.0060	+/-0.50	
Secondary Cal Check (S6B1124-SCV1)			Lab File ID: V7-55287.D			Analyzed: 02/10/26 16:05			
ISTD: Fluorobenzene	79834	5.345	92964	5.345	86	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	153209	8.216	174485	8.216	88	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	357637	11.155	384833	11.155	93	50 - 200	0.0000	+/-0.50	

FORM VIII

INTERNAL STANDARD AREA AND RT SUMMARY
EPA 8260D

Laboratory: ALS Environmental - Stratford

SDG: 26B1152

Client: Hydro Tech Environmental

Project: 230051-170 Freeman Rd Brooklyn NY

Sequence: S6B1127

Instrument: VOA No. 10

Calibration: SB60019

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Cal Standard (S6B1127-CAL1)			Lab File ID: V10C18737.D			Analyzed: 02/09/26 12:22			
ISTD: Fluorobenzene	101953	5.624	96162	5.618	106	50 - 200	0.0060	+/-0.50	
ISTD: Chlorobenzene-d5	188840	8.514	188783	8.513	100	50 - 200	0.0010	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	191262	11.464	195269	11.464	98	50 - 200	0.0000	+/-0.50	
Cal Standard (S6B1127-CAL2)			Lab File ID: V10C18738.D			Analyzed: 02/09/26 12:52			
ISTD: Fluorobenzene	98384	5.624	96162	5.618	102	50 - 200	0.0060	+/-0.50	
ISTD: Chlorobenzene-d5	187984	8.52	188783	8.513	100	50 - 200	0.0070	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	198047	11.464	195269	11.464	101	50 - 200	0.0000	+/-0.50	
Cal Standard (S6B1127-CAL3)			Lab File ID: V10C18739.D			Analyzed: 02/09/26 13:21			
ISTD: Fluorobenzene	93188	5.624	96162	5.618	97	50 - 200	0.0060	+/-0.50	
ISTD: Chlorobenzene-d5	184463	8.52	188783	8.513	98	50 - 200	0.0070	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	199355	11.464	195269	11.464	102	50 - 200	0.0000	+/-0.50	
Cal Standard (S6B1127-CAL4)			Lab File ID: V10C18740.D			Analyzed: 02/09/26 13:51			
ISTD: Fluorobenzene	86968	5.618	96162	5.618	90	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	174639	8.52	188783	8.513	93	50 - 200	0.0070	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	186276	11.464	195269	11.464	95	50 - 200	0.0000	+/-0.50	
Cal Standard (S6B1127-CAL5)			Lab File ID: V10C18741.D			Analyzed: 02/09/26 14:20			
ISTD: Fluorobenzene	88161	5.618	96162	5.618	92	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	178867	8.514	188783	8.513	95	50 - 200	0.0010	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	189061	11.464	195269	11.464	97	50 - 200	0.0000	+/-0.50	
Cal Standard (S6B1127-CAL6)			Lab File ID: V10C18742.D			Analyzed: 02/09/26 14:50			
ISTD: Fluorobenzene	99872	5.618	96162	5.618	104	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	193523	8.514	188783	8.513	103	50 - 200	0.0010	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	197767	11.464	195269	11.464	101	50 - 200	0.0000	+/-0.50	
Cal Standard (S6B1127-CAL7)			Lab File ID: V10C18743.D			Analyzed: 02/09/26 15:20			
ISTD: Fluorobenzene	96162	5.618	96162	5.618	100	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	188783	8.513	188783	8.513	100	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	195269	11.464	195269	11.464	100	50 - 200	0.0000	+/-0.50	
Cal Standard (S6B1127-CAL8)			Lab File ID: V10C18744.D			Analyzed: 02/09/26 15:50			
ISTD: Fluorobenzene	106912	5.624	96162	5.618	111	50 - 200	0.0060	+/-0.50	
ISTD: Chlorobenzene-d5	194387	8.52	188783	8.513	103	50 - 200	0.0070	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	201321	11.464	195269	11.464	103	50 - 200	0.0000	+/-0.50	

FORM VIII

INTERNAL STANDARD AREA AND RT SUMMARY EPA 8260D

Laboratory: ALS Environmental - Stratford

SDG: 26B1152

Client: Hydro Tech Environmental

Project: 230051-170 Freeman Rd Brooklyn NY

Sequence: S6B1127

Instrument: VOA No. 10

Calibration: SB60019

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Cal Standard (S6B1127-CAL9)			Lab File ID: V10C18745.D			Analyzed: 02/09/26 16:19			
ISTD: Fluorobenzene	111026	5.624	96162	5.618	115	50 - 200	0.0060	+/-0.50	
ISTD: Chlorobenzene-d5	203120	8.52	188783	8.513	108	50 - 200	0.0070	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	211590	11.464	195269	11.464	108	50 - 200	0.0000	+/-0.50	
Cal Standard (S6B1127-CALA)			Lab File ID: V10C18746.D			Analyzed: 02/09/26 16:49			
ISTD: Fluorobenzene	121224	5.624	96162	5.618	126	50 - 200	0.0060	+/-0.50	
ISTD: Chlorobenzene-d5	221390	8.52	188783	8.513	117	50 - 200	0.0070	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	213460	11.464	195269	11.464	109	50 - 200	0.0000	+/-0.50	
Secondary Cal Check (S6B1127-SCV1)			Lab File ID: V10C18748.D			Analyzed: 02/09/26 17:48			
ISTD: Fluorobenzene	96347	5.618	96162	5.618	100	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	186897	8.513	188783	8.513	99	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	184092	11.464	195269	11.464	94	50 - 200	0.0000	+/-0.50	

FORM VIII

INTERNAL STANDARD AREA AND RT SUMMARY
EPA 8260D

Laboratory: ALS Environmental - Stratford

SDG: 26B1152

Client: Hydro Tech Environmental

Project: 230051-170 Freeman Rd Brooklyn NY

Sequence: S6C0316

Instrument: MSVOA7

Calibration: SB60017

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (S6C0316-CCV1)			Lab File ID: V7-55504.D			Analyzed: 02/28/26 09:12			
ISTD: Fluorobenzene	67386	5.339	92964	5.345	72	50 - 200	-0.0060	+/-0.50	
ISTD: Chlorobenzene-d5	121416	8.216	174485	8.216	70	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	245555	11.149	384833	11.155	64	50 - 200	-0.0060	+/-0.50	
LCS (BB61548-BS1)			Lab File ID: V7-55505.D			Analyzed: 02/28/26 09:53			
ISTD: Fluorobenzene	62907	5.345	67386	5.339	93	50 - 200	0.0060	+/-0.50	
ISTD: Chlorobenzene-d5	110080	8.216	121416	8.216	91	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	227331	11.149	245555	11.149	93	50 - 200	0.0000	+/-0.50	
LCS Dup (BB61548-BSD1)			Lab File ID: V7-55506.D			Analyzed: 02/28/26 10:22			
ISTD: Fluorobenzene	65850	5.345	67386	5.339	98	50 - 200	0.0060	+/-0.50	
ISTD: Chlorobenzene-d5	115452	8.216	121416	8.216	95	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	255170	11.155	245555	11.149	104	50 - 200	0.0060	+/-0.50	
Blank (BB61548-BLK1)			Lab File ID: V7-55508.D			Analyzed: 02/28/26 11:26			
ISTD: Fluorobenzene	59000	5.345	67386	5.339	88	50 - 200	0.0060	+/-0.50	
ISTD: Chlorobenzene-d5	102756	8.216	121416	8.216	85	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	206795	11.155	245555	11.149	84	50 - 200	0.0060	+/-0.50	
TB (2026 27 02) (26B1152-08)			Lab File ID: V7-55509.D			Analyzed: 02/28/26 11:55			
ISTD: Fluorobenzene	58381	5.345	67386	5.339	87	50 - 200	0.0060	+/-0.50	
ISTD: Chlorobenzene-d5	99819	8.223	121416	8.216	82	50 - 200	0.0070	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	199297	11.155	245555	11.149	81	50 - 200	0.0060	+/-0.50	
MW-9 (2026 27 02) (26B1152-01)			Lab File ID: V7-55510.D			Analyzed: 02/28/26 12:25			
ISTD: Fluorobenzene	57773	5.345	67386	5.339	86	50 - 200	0.0060	+/-0.50	
ISTD: Chlorobenzene-d5	99376	8.223	121416	8.216	82	50 - 200	0.0070	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	197062	11.155	245555	11.149	80	50 - 200	0.0060	+/-0.50	
MW-10 (2026 27 02) (26B1152-02)			Lab File ID: V7-55511.D			Analyzed: 02/28/26 12:55			
ISTD: Fluorobenzene	55954	5.345	67386	5.339	83	50 - 200	0.0060	+/-0.50	
ISTD: Chlorobenzene-d5	95300	8.223	121416	8.216	78	50 - 200	0.0070	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	195432	11.155	245555	11.149	80	50 - 200	0.0060	+/-0.50	
MW-11R MS/MSD (2026 27 02) (26B1152-03)			Lab File ID: V7-55512.D			Analyzed: 02/28/26 13:24			
ISTD: Fluorobenzene	55642	5.345	67386	5.339	83	50 - 200	0.0060	+/-0.50	
ISTD: Chlorobenzene-d5	99168	8.223	121416	8.216	82	50 - 200	0.0070	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	198248	11.155	245555	11.149	81	50 - 200	0.0060	+/-0.50	

FORM VIII

INTERNAL STANDARD AREA AND RT SUMMARY
EPA 8260D

Laboratory: ALS Environmental - Stratford

SDG: 26B1152

Client: Hydro Tech Environmental

Project: 230051-170 Freeman Rd Brooklyn NY

Sequence: S6C0316

Instrument: MSVOA7

Calibration: SB60017

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
MW-13R (2026 27 02) (26B1152-04)			Lab File ID: V7-55513.D			Analyzed: 02/28/26 13:54			
ISTD: Fluorobenzene	56056	5.345	67386	5.339	83	50 - 200	0.0060	+/-0.50	
ISTD: Chlorobenzene-d5	96546	8.222	121416	8.216	80	50 - 200	0.0060	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	194508	11.155	245555	11.149	79	50 - 200	0.0060	+/-0.50	
MW-14 (2026 27 02) (26B1152-05)			Lab File ID: V7-55514.D			Analyzed: 02/28/26 14:24			
ISTD: Fluorobenzene	54712	5.351	67386	5.339	81	50 - 200	0.0120	+/-0.50	
ISTD: Chlorobenzene-d5	94288	8.223	121416	8.216	78	50 - 200	0.0070	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	189723	11.155	245555	11.149	77	50 - 200	0.0060	+/-0.50	
MW-15 (2026 27 02) (26B1152-06)			Lab File ID: V7-55515.D			Analyzed: 02/28/26 14:54			
ISTD: Fluorobenzene	54078	5.345	67386	5.339	80	50 - 200	0.0060	+/-0.50	
ISTD: Chlorobenzene-d5	95334	8.223	121416	8.216	79	50 - 200	0.0070	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	191929	11.155	245555	11.149	78	50 - 200	0.0060	+/-0.50	
FB (2026 27 02) (26B1152-07)			Lab File ID: V7-55516.D			Analyzed: 02/28/26 15:24			
ISTD: Fluorobenzene	54050	5.345	67386	5.339	80	50 - 200	0.0060	+/-0.50	
ISTD: Chlorobenzene-d5	93821	8.223	121416	8.216	77	50 - 200	0.0070	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	190167	11.155	245555	11.149	77	50 - 200	0.0060	+/-0.50	
Matrix Spike (BB61548-MS1)			Lab File ID: V7-55523.D			Analyzed: 02/28/26 18:51			
ISTD: Fluorobenzene	74000	5.345	67386	5.339	110	50 - 200	0.0060	+/-0.50	
ISTD: Chlorobenzene-d5	133383	8.223	121416	8.216	110	50 - 200	0.0070	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	294621	11.155	245555	11.149	120	50 - 200	0.0060	+/-0.50	
Matrix Spike Dup (BB61548-MSD1)			Lab File ID: V7-55524.D			Analyzed: 02/28/26 19:21			
ISTD: Fluorobenzene	72269	5.345	67386	5.339	107	50 - 200	0.0060	+/-0.50	
ISTD: Chlorobenzene-d5	134560	8.216	121416	8.216	111	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	288718	11.155	245555	11.149	118	50 - 200	0.0060	+/-0.50	

FORM VIII

INTERNAL STANDARD AREA AND RT SUMMARY
EPA 8260D

Laboratory: ALS Environmental - Stratford

SDG: 26B1152

Client: Hydro Tech Environmental

Project: 230051-170 Freeman Rd Brooklyn NY

Sequence: S6C0601

Instrument: VOA No. 10

Calibration: SB60019

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (S6C0601-CCV1)			Lab File ID: V10C19065.D			Analyzed: 03/05/26 07:44			
ISTD: Fluorobenzene	80110	5.624	96162	5.618	83	50 - 200	0.0060	+/-0.50	
ISTD: Chlorobenzene-d5	140218	8.514	188783	8.513	74	50 - 200	0.0010	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	146079	11.464	195269	11.464	75	50 - 200	0.0000	+/-0.50	
LCS (BC60272-BS1)			Lab File ID: V10C19067.D			Analyzed: 03/05/26 09:18			
ISTD: Fluorobenzene	74056	5.618	80110	5.624	92	50 - 200	-0.0060	+/-0.50	
ISTD: Chlorobenzene-d5	134243	8.514	140218	8.514	96	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	133544	11.464	146079	11.464	91	50 - 200	0.0000	+/-0.50	
LCS Dup (BC60272-BSD1)			Lab File ID: V10C19068.D			Analyzed: 03/05/26 09:47			
ISTD: Fluorobenzene	76082	5.618	80110	5.624	95	50 - 200	-0.0060	+/-0.50	
ISTD: Chlorobenzene-d5	139340	8.514	140218	8.514	99	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	139012	11.464	146079	11.464	95	50 - 200	0.0000	+/-0.50	
Blank (BC60272-BLK1)			Lab File ID: V10C19070.D			Analyzed: 03/05/26 10:46			
ISTD: Fluorobenzene	67797	5.612	80110	5.624	85	50 - 200	-0.0120	+/-0.50	
ISTD: Chlorobenzene-d5	124333	8.514	140218	8.514	89	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	121516	11.464	146079	11.464	83	50 - 200	0.0000	+/-0.50	
MW-9 (2026 27 02) (26B1152-01RE1)			Lab File ID: V10C19077.D			Analyzed: 03/05/26 14:21			
ISTD: Fluorobenzene	65763	5.618	80110	5.624	82	50 - 200	-0.0060	+/-0.50	
ISTD: Chlorobenzene-d5	125601	8.513	140218	8.514	90	50 - 200	-0.0010	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	121878	11.464	146079	11.464	83	50 - 200	0.0000	+/-0.50	
MW-11R MS/MSD (2026 27 02) (26B1152-03RE1)			Lab File ID: V10C19078.D			Analyzed: 03/05/26 14:50			
ISTD: Fluorobenzene	64802	5.618	80110	5.624	81	50 - 200	-0.0060	+/-0.50	
ISTD: Chlorobenzene-d5	122627	8.52	140218	8.514	87	50 - 200	0.0060	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	116499	11.464	146079	11.464	80	50 - 200	0.0000	+/-0.50	

FORM VI

INITIAL CALIBRATION DATA

EPA 8260D

Laboratory: ALS Environmental - Stratford

SDG: 26B1152

Client: Hydro Tech Environmental

Project: 230051-170 Freeman Rd Brooklyn NY

Calibration: SB60017

Instrument: MSVOA7

Calibration Date: 02/09/26 07:00

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
1,1,1,2-Tetrachloroethane	0.1	4.697182	0.25	4.71618	0.5	1.555702	1	1.380496	2	1.469927	4	1.504569
1,1,1-Trichloroethane	0.1	4.525737	0.25	4.431573	0.5	4.026861	1	4.109201	2	4.266145	4	4.54392
1,1,2,2-Tetrachloroethane	0.1	0.426267	0.25	0.4928918	0.5	0.4479824	1	0.4289116	2	0.45411	4	0.4585781
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.1	4.904933	0.25	2.090796	0.5	2.011301	1	2.955128	2	2.379533	4	3.083542
1,1,2-Trichloroethane	0.1	0.8433618	0.25	4.10876	0.5	1.053401	1	0.9580578	2	0.9807648	4	0.9933829
1,1-Dichloroethane	0.1	6.188471	0.25	6.192109	0.5	5.565843	1	5.719387	2	5.857158	4	5.985505
1,1-Dichloroethylene	0.1	4.401316	0.25	3.933643	0.5	3.621694	1	4.653729	2	4.457619	4	4.929613
1,1-Dichloropropylene	0.1	3.893078	0.25	3.749714	0.5	3.692855	1	3.917717	2	3.953356	4	4.358629
1,2,3-Trichlorobenzene	0.1	0.6942165	0.25	0.7353039	0.5	0.6738263	1	0.6422769	2	0.7056894	4	0.7282757
1,2,3-Trichloropropane	0.1	2.488361E-02	0.25	0.1307235	0.5	0.1293767	1	0.1093415	2	0.1243584	4	0.1245632
1,2,3-Trimethylbenzene	0.1	2.454822	0.25	2.523833	0.5	2.431967	1	2.912787	2	2.835243	4	3.139143
1,2,4,5-Tetramethylbenzene	0.1	2.526948	0.25	2.329324	0.5	2.213157	1	2.153222	2	2.502076	4	2.964882
1,2,4-Trichlorobenzene	0.1	4.011933	0.25	0.9749426	0.5	0.8617365	1	0.793712	2	0.8711605	4	0.9073461
1,2,4-Trimethylbenzene	0.1	2.858369	0.25	2.679138	0.5	2.640477	1	2.576636	2	2.91367	4	3.126095
1,2-Dibromo-3-chloropropane	0.1	0.0259655	0.25	5.483579E-02	0.5	5.149945E-02	1	4.893482E-02	2	5.807642E-02	4	5.965339E-02
1,2-Dibromoethane	0.1	0.8538198	0.25	0.8971646	0.5	0.8807654	1	0.8141179	2	0.8769486	4	0.8774218
1,2-Dichlorobenzene	0.1	4.518261	0.25	4.624148	0.5	1.460072	1	1.328768	2	1.403599	4	1.448532
1,2-Dichloroethane	0.1	3.422207	0.25	3.29294	0.5	2.978238	1	2.792951	2	2.866547	4	2.878239
1,2-Dichloropropane	0.1	4.73752	0.25	4.867964	0.5	1.750466	1	1.575967	2	1.689309	4	1.672769
1,3,5-Trimethylbenzene	0.1	2.777587	0.25	2.76738	0.5	2.762946	1	2.65688	2	2.873791	4	3.09083
1,3-Dichlorobenzene	0.1	4.756638	0.25	4.714028	0.5	1.684472	1	1.532783	2	1.633778	4	1.685679
1,3-Dichloropropane	0.1	4.690459	0.25	4.817464	0.5	1.772879	1	1.635406	2	1.746129	4	1.711658
1,4-Dichlorobenzene	0.1	4.598682	0.25	4.720583	0.5	1.62487	1	1.44053	2	1.57111	4	1.621836
1,4-Dioxane	2.5	0	6.25	0	12.5	4.142108E-04	25	1.924559E-03	50	1.710367E-03	100	2.494735E-03
2,2-Dichloropropane	0.1	4.176001	0.25	3.852857	0.5	3.684837	1	3.597675	2	3.592743	4	3.859829
2-Butanone	0.1	0	0.25	0.2235602	0.5	0.2237562	1	0.2813762	2	0.2740847	4	0.299442
2-Chloroethylvinyl ether	0.1	0.2928236	0.25	0.4418113	0.5	0.3605904	1	0.5399085	2	0.4854388	4	0.5351886
2-Chlorotoluene	0.1	3.124876	0.25	2.527363	0.5	2.463369	1	2.28715	2	2.453821	4	2.605825

FORM VI

INITIAL CALIBRATION DATA

EPA 8260D

Laboratory: ALS Environmental - Stratford

SDG: 26B1152

Client: Hydro Tech Environmental

Project: 230051-170 Freeman Rd Brooklyn NY

Calibration: SB60017

Instrument: MSVOA7

Calibration Date: 02/09/26 07:00

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
2-Hexanone	0.1	0.3981504	0.25	0.394696	0.5	0.2879616	1	0.3369318	2	0.3276599	4	0.3372449
2-Nitropropane	0.5	0.1806243	1.25	0.1899845	2.5	0.1738551	5	0.1910621	10	0.1788438	20	0.1859227
4-Chlorotoluene	0.1	2.555438	0.25	2.64069	0.5	2.47838	1	2.321775	2	2.481484	4	2.646808
4-Methyl-2-pentanone	0.1	0.3376435	0.25	0.5354775	0.5	0.4715195	1	0.5236918	2	0.5177008	4	0.5047511
Acetone	0.1	0.761717	0.25	0.3200976	0.5	0.2089728	1	0.1954241	2	0.1617147	4	0.1527227
Acrolein	0.4	0.4144637	1	0.3831009	2	0.3202871	4	0.2463427	8	0.2635756	16	0.2606088
Acrylonitrile	0.5	0.3369478	1.25	0.4049488	2.5	0.3595134	5	0.4301054	10	0.3912022	20	0.4106343
Allyl chloride	0.1	6.020765	0.25	5.360364	0.5	4.732708	1	5.99633	2	5.435682	4	5.873994
Benzene	0.1	42.98759	0.25	43.20987	0.5	12.7754	1	12.63878	2	13.44646	4	13.67819
Bromobenzene	0.1	1.72346	0.25	1.663983	0.5	1.518166	1	1.386696	2	1.428187	4	1.485713
Bromochloromethane	0.1	1.747468	0.25	2.154815	0.5	2.060412	1	1.991429	2	2.077385	4	1.994704
Bromodichloromethane	0.1	2.025861	0.25	2.182536	0.5	2.072473	1	1.896347	2	2.04143	4	2.026625
Bromoform	0.1	0.8269278	0.25	0.7380449	0.5	0.6577725	1	0.5597437	2	0.5798171	4	0.5844706
Bromomethane	0.1	2.880442	0.25	2.474405	0.5	2.352823	1	2.931608	2	2.720384	4	2.710726
Carbon disulfide	0.1	46.55806	0.25	40.61098	0.5	9.267468	1	12.45924	2	10.74309	4	12.17721
Carbon tetrachloride	0.1	4.054383	0.25	3.384905	0.5	3.154637	1	3.41592	2	3.347716	4	3.784338
Chlorobenzene	0.1	5.182679	0.25	5.718155	0.5	5.300622	1	4.770118	2	5.032808	4	5.012317
Chlorodifluoromethane (Freon 22)	0.1	2.941892	0.25	2.276249	0.5	2.064421	1	4.36755	2	5.896856	4	4.460105
Chloroethane	0.1	1.765391	0.25	1.644184	0.5	1.434245	1	2.001404	2	1.953497	4	2.051896
Chloroform	0.1	6.007963	0.25	6.314559	0.5	5.606685	1	5.365974	2	5.563838	4	5.507442
Chloromethane	0.1	4.250253	0.25	3.379824	0.5	2.729676	1	4.455226	2	4.377054	4	4.716074
cis-1,2-Dichloroethylene	0.1	3.872595	0.25	4.203948	0.5	4.069207	1	3.870431	2	4.152255	4	4.248509
cis-1,3-Dichloropropylene	0.1	1.866003	0.25	2.209056	0.5	2.135739	1	1.973075	2	2.115167	4	2.213854
cis-decahydronaphthalene	0.1	0.3815486	0.25	0.3892711	0.5	0.3464908	1	0.4214728	2	0.3944463	4	0.4860384
Cyclohexane	0.1	2.803631	0.25	3.376267	0.5	2.97448	1	4.565683	2	3.791993	4	4.968997
Dibromochloromethane	0.1	1.142908	0.25	1.264494	0.5	1.197807	1	1.093554	2	1.168847	4	1.156902
Dibromomethane	0.1	0.5273812	0.25	0.7067287	0.5	0.6729508	1	0.6409612	2	0.6884165	4	0.663528
Dichlorodifluoromethane	0.1	0.9499059	0.25	1.184361	0.5	1.03434	1	2.917323	2	2.711147	4	3.375618
Diisopropyl ether (DIPE)	0.1	7.718206	0.25	8.700048	0.5	8.069257	1	9.033593	2	8.423662	4	9.076617

FORM VI

INITIAL CALIBRATION DATA

EPA 8260D

Laboratory: ALS Environmental - StratfordSDG: 26B1152Client: Hydro Tech EnvironmentalProject: 230051-170 Freeman Rd Brooklyn NYCalibration: SB60017Instrument: MSVOA7Calibration Date: 02/09/26 07:00

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
Ethanol	4	1.206585E-02	10	5.44928E-03	20	4.610431E-03	40	3.247833E-03	80	3.665766E-03	160	5.070213E-03
Ethyl Benzene	0.1	8.438847	0.25	9.251799	0.5	8.511891	1	8.062843	2	8.58991	4	8.818696
Ethyl Ether	0.1	1.636091	0.25	1.842339	0.5	1.852191	1	2.104226	2	1.906315	4	2.029767
Ethyl Methacrylate	0.1	0.5789242	0.25	0.8063197	0.5	0.757637	1	0.8594844	2	0.8550874	4	0.9413451
Ethyl tert-butyl ether (ETBE)	0.1	5.297454	0.25	6.419734	0.5	6.020622	1	6.716949	2	6.498112	4	7.041252
Freon 115	0.1	4	0.25	4	0.5	3.532993E-02	1	0.3665895	2	0.2740847	4	0.405182
Freon 123	0.1	4.5575	0.25	3.669436	0.5	3.472356	1	4.932765	2	4.170321	4	5.174822
Freon 152a	0.1	1.134254	0.25	0.7977034	0.5	0.7106078	1	1.762019	2	1.519568	4	1.825219
Freon 22	0.1	2.941892	0.25	2.276249	0.5	2.064421	1	4.36755	2	5.896856	4	4.460105
Hexachlorobutadiene	0.1	0.7786044	0.25	0.5047414	0.5	0.4552677	1	0.4457012	2	0.4463863	4	0.4873611
Hexachloroethane	0.1	0.7713918	0.25	0.5579384	0.5	0.5171298	1	0.5574327	2	0.5051713	4	0.5689703
Iodomethane	0.1	2.436214	0.25	2.135508	0.5	1.805084	1	2.552704	2	2.677179	4	3.44412
Isopropylbenzene	0.1	3.168873	0.25	3.020759	0.5	2.929314	1	2.970176	2	3.232411	4	3.573906
Limonene	0.1	0.8337811	0.25	0.6100009	0.5	0.6341969	1	0.7776095	2	0.7328286	4	0.9282203
Methyl acetate	0.1	4	0.25	0.1925666	0.5	0.1916837	1	0.199734	2	0.2118778	4	0.229316
Methyl Methacrylate	0.1	0.2607026	0.25	0.4556355	0.5	0.3997418	1	0.4345	2	0.4205937	4	0.4530059
Methyl tert-butyl ether (MTBE)	0.1	4.56006	0.25	6.1413	0.5	5.391448	1	6.114792	2	5.589621	4	5.928604
Methylcyclohexane	0.1	1.809231	0.25	1.947806	0.5	1.905512	1	2.545752	2	2.20274	4	2.848869
Methylene chloride	0.1	36.95032	0.25	17.54795	0.5	11.01367	1	6.87617	2	5.239123	4	4.749049
Naphthalene	0.1	1.049439	0.25	1.150921	0.5	1.109876	1	1.037579	2	1.192607	4	1.268656
n-butyl acetate	0.1	0.732059	0.25	0.8054733	0.5	0.7234504	1	0.7832928	2	0.7830838	4	0.7993651
n-Butylbenzene	0.1	3.312405	0.25	3.303258	0.5	3.163448	1	3.350123	2	3.480915	4	3.816088
n-Decane	0.1	0.9491833	0.25	0.7258494	0.5	0.6213848	1	0.7039981	2	0.6500789	4	0.7687909
n-Hexane	0.1	4.510133	0.25	4.842111	0.5	4.256881	1	5.854596	2	4.79087	4	6.118449
Nitrobenzene	1	2.686708E-02	2.5	2.231249E-02	5	1.557544E-02	10	1.855819E-02	20	1.712248E-02	40	1.830799E-02
n-Nonane	0.1	1.377466	0.25	1.27719	0.5	1.143619	1	1.303902	2	1.23594	4	1.524199
n-octane	0.1	1.057003	0.25	0.7109606	0.5	0.6486939	1	0.9450576	2	0.9180064	4	1.225829
n-Propylbenzene	0.1	4.727885	0.25	4.12403	0.5	4.141184	1	4.105028	2	4.278211	4	4.595729

FORM VI

INITIAL CALIBRATION DATA

EPA 8260D

Laboratory: ALS Environmental - StratfordSDG: 26B1152Client: Hydro Tech EnvironmentalProject: 230051-170 Freeman Rd Brooklyn NYCalibration: SB60017Instrument: MSVOA7Calibration Date: 02/09/26 07:00

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
n-undecane	0.1	0.4103992	0.25	0.3053156	0.5	0.2761501	1	0.3211235	2	0.3155372	4	0.3651402
o-Xylene	0.1	5.559913	0.25	5.879814	0.5	5.653836	1	5.424951	2	5.902533	4	6.35543
p- & m- Xylenes	0.2	6.331563	0.5	6.0955	1	5.958536	2	5.847355	4	6.272664	8	6.668542
p-Diethylbenzene	0.1	1.547832	0.25	1.370138	0.5	1.384456	1	1.446385	2	1.560141	4	1.780026
p-Ethyltoluene	0.1	3.785914	0.25	3.441545	0.5	3.312671	1	3.203408	2	3.454328	4	3.884339
p-Isopropyltoluene	0.1	2.762802	0.25	2.600351	0.5	2.650903	1	2.661241	2	2.981143	4	3.31862
sec-Butylbenzene	0.1	3.501015	0.25	3.251321	0.5	3.214445	1	3.452952	2	3.617716	4	4.04702
Styrene	0.1	3.801478	0.25	4.286923	0.5	4.152464	1	4.074275	2	4.597608	4	4.906578
SURR: 1,2-Dichloroethane-d4	10	1.624173	10	1.809745	10	1.805748	10	1.799934	10	1.806866	10	1.722524
SURR: p-Bromofluorobenzene	10	1.043914	10	0.9987331	10	0.9941278	10	0.9926837	10	0.9813498	10	0.9683511
SURR: Toluene-d8	10	6.386908	10	6.167309	10	6.185111	10	6.032219	10	6.052608	10	5.786005
tert-Amyl alcohol (TAA)	0.5	0	1.25	0.0317049	2.5	4.264649E-02	5	4.287755E-02	10	4.550929E-02	20	5.265539E-02
tert-Amyl methyl ether (TAME)	0.1	3.633198	0.25	4.626842	0.5	4.53501	1	5.392203	2	5.252043	4	5.64781
tert-Butyl alcohol (TBA)	0.5	0.1618169	1.25	0.2145162	2.5	0.1960937	5	0.2234263	10	0.206803	20	0.218365
tert-Butylbenzene	0.1	2.749098	0.25	2.46698	0.5	2.427634	1	2.421078	2	2.606197	4	2.907984
Tetrachloroethylene	0.1	2.072175	0.25	1.952603	0.5	1.863098	1	1.906533	2	1.959571	4	2.06299
Tetrahydrofuran	0.5	0.0371257	1.25	0.1170642	2.5	0.1091469	5	0.1222047	10	0.1215842	20	0.1293473
Toluene	0.1	9.287438	0.25	8.761461	0.5	8.330461	1	7.7042	2	8.008873	4	8.028276
trans-1,2-Dichloroethylene	0.1	4.94924	0.25	5.075833	0.5	4.647264	1	4.953699	2	4.898212	4	5.152926
trans-1,3-Dichloropropylene	0.1	1.866003	0.25	2.209056	0.5	2.135739	1	1.973075	2	2.115167	4	2.213854
trans-1,4-dichloro-2-butene	0.1	4.327584E-02	0.25	0.1082849	0.5	0.1105354	1	0.1165413	2	0.1050279	4	0.1108607
trans-decahydronaphthalene	0.1	0.4929839	0.25	0.4535613	0.5	0.4533208	1	0.5755965	2	0.5374691	4	0.6462462
Trichloroethylene	0.1	2.370975	0.25	2.075328	0.5	1.93374	1	1.8548	2	1.931964	4	1.902027
Trichlorofluoromethane	0.1	2.92653	0.25	2.965729	0.5	2.743457	1	4.074475	2	3.753289	4	4.637566
Vinyl acetate	0.1	0	0.25	0.211366	0.5	0.221	1	0.2702936	2	0.2638533	4	0.2798079
Vinyl Chloride	0.1	3.393801	0.25	2.573483	0.5	2.344304	1	4.128534	2	3.934589	4	4.490586
Xylenes, Total	0.3	6.074346	0.75	6.023605	1.5	5.85697	3	5.706554	6	6.149287	12	6.564172

FORM VI

INITIAL CALIBRATION DATA

EPA 8260D

Laboratory: ALS Environmental - Stratford

SDG: 26B1152

Client: Hydro Tech Environmental

Project: 230051-170 Freeman Rd Brooklyn NY

Calibration: SB60019

Instrument: VOA No. 10

Calibration Date: 02/09/26 00:33

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
1,1,1,2-Tetrachloroethane	0.1	0.6301631	0.25	0.6232445	0.5	0.6550907	1	0.4553966	2	0.5422465	4	0.6317983
1,1,1-Trichloroethane	0.1	1.878316	0.25	2.093023	0.5	2.335065	1	1.813196	2	1.952564	4	2.283848
1,1,2,2-Tetrachloroethane	0.1	0.2729241	0.25	0.3851611	0.5	0.3966793	1	0.2917714	2	0.3266671	4	0.366454
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.1	2.751268	0.25	1.462026	0.5	1.424003	1	1.481694	2	1.289572	4	1.736373
1,1,2-Trichloroethane	0.1	0.4644143	0.25	0.4849349	0.5	0.5326814	1	0.3732843	2	0.4085158	4	0.4546359
1,1-Dichloroethane	0.1	2.819927	0.25	3.13059	0.5	3.362665	1	2.325683	2	2.516816	4	2.936534
1,1-Dichloroethylene	0.1	2.155895	0.25	2.297935	0.5	2.343435	1	2.408932	2	2.591168	4	2.854704
1,1-Dichloropropylene	0.1	2.097045	0.25	2.214994	0.5	2.376057	1	1.93301	2	2.067184	4	2.358494
1,2,3-Trichlorobenzene	0.1	0.6362999	0.25	0.2080314	0.5	0.2053623	1	0.1248148	2	0.134163	4	0.163058
1,2,3-Trichloropropane	0.1	2.823352E-02	0.25	6.968043E-02	0.5	0.1241002	1	8.396143E-02	2	0.1022686	4	0.1157296
1,2,3-Trimethylbenzene	0.1	2.478799	0.25	2.176453	0.5	2.243535	1	1.991024	2	1.945007	4	2.277895
1,2,4,5-Tetramethylbenzene	0.1	1.918311	0.25	1.312012	0.5	1.422488	1	0.9976057	2	1.142938	4	1.368631
1,2,4-Trichlorobenzene	0.1	0.6362999	0.25	0.2080314	0.5	0.2053623	1	0.1248148	2	0.134163	4	0.163058
1,2,4-Trimethylbenzene	0.1	2.758852	0.25	2.360248	0.5	2.559555	1	1.91431	2	2.180222	4	2.439272
1,2-Dibromo-3-chloropropane	0.1	2.875637E-02	0.25	0	0.5	0	1	0.0224935	2	3.200025E-02	4	3.927602E-02
1,2-Dibromoethane	0.1	0.3346749	0.25	0.3825858	0.5	0.4581949	1	0.2952949	2	0.3216636	4	0.3935062
1,2-Dichlorobenzene	0.1	1.11993	0.25	1.000571	0.5	1.050688	1	0.7567266	2	0.8381686	4	0.9201358
1,2-Dichloroethane	0.1	2.23142	0.25	1.93812	0.5	2.052839	1	1.428571	2	1.539059	4	1.645907
1,2-Dichloropropane	0.1	0.7932641	0.25	0.852413	0.5	0.9871898	1	0.6907392	2	0.7429543	4	0.8507258
1,3,5-Trimethylbenzene	0.1	2.458931	0.25	2.47315	0.5	2.701211	1	2.069939	2	2.29061	4	2.594707
1,3-Dichlorobenzene	0.1	1.473894	0.25	1.242129	0.5	1.294274	1	0.9474651	2	1.051671	4	1.143138
1,3-Dichloropropane	0.1	0.8070324	0.25	0.9334837	0.5	0.9935868	1	0.6898803	2	0.7683362	4	0.8679718
1,4-Dichlorobenzene	0.1	1.551275	0.25	1.186991	0.5	1.274109	1	0.9314136	2	1.040802	4	1.12003
1,4-Dioxane	2.5	8.006778E-03	6.25	0.0041195	12.5	3.721071E-03	25	3.415045E-03	50	3.284004E-03	100	3.678116E-03
2,2-Dichloropropane	0.1	2.356968	0.25	2.29143	0.5	2.484869	1	1.309677	2	1.09612	4	1.336561
2-Butanone	0.1	0.1137779	0.25	2.845991E-02	0.5	0.1860755	1	0.1540797	2	0.1557378	4	0.1848116
2-Chloroethylvinyl ether	0.1	2.806609E-02	0.25	6.638863E-02	0.5	0	1	0	2	0	4	7.918955E-03
2-Chlorotoluene	0.1	2.633037	0.25	2.512939	0.5	2.793609	1	2.082018	2	2.282411	4	2.466337

FORM VI

INITIAL CALIBRATION DATA

EPA 8260D

Laboratory: ALS Environmental - Stratford

SDG: 26B1152

Client: Hydro Tech Environmental

Project: 230051-170 Freeman Rd Brooklyn NY

Calibration: SB60019

Instrument: VOA No. 10

Calibration Date: 02/09/26 00:33

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
2-Hexanone	0.1	0.634929	0.25	0.298536	0.5	0.289489	1	0.2127245	2	0.1724745	4	0.2202064
2-Nitropropane	0.5	0.2210337	1.25	0.1700145	2.5	0.1775532	5	0.1573074	10	0.1453762	20	0.1978499
4-Chlorotoluene	0.1	2.518012	0.25	2.326518	0.5	2.441574	1	1.882153	2	2.026277	4	2.246406
4-Methyl-2-pentanone	0.1	0.4220504	0.25	0.3304537	0.5	0.3922738	1	0.3041703	2	0.2944366	4	0.3054546
Acetone	0.1	1.533059	0.25	0.2187348	0.5	0.1669743	1	0.1002668	2	0.1914112	4	0.168741
Acrolein	0.4	0.5858092	1	0.3841072	2	0.3100185	4	0.2089562	8	0.1959767	16	0.1844987
Acrylonitrile	0.5	0.2069581	1.25	0.2422345	2.5	0.2864317	5	0.2339941	10	0.2376448	20	0.2302547
Allyl chloride	0.1	3.294656	0.25	3.117987	0.5	3.293343	1	1.258509	2	1.21125	4	1.928594
Benzene	0.1	7.018355	0.25	7.380875	0.5	7.992016	1	6.131911	2	6.804256	4	7.220492
Bromobenzene	0.1	1.583691	0.25	1.375835	0.5	1.428306	1	1.079796	2	1.183824	4	1.319747
Bromochloromethane	0.1	1.140722	0.25	1.224589	0.5	1.234708	1	0.9488548	2	1.017684	4	1.135929
Bromodichloromethane	0.1	0.8986444	0.25	0.9536982	0.5	0.933629	1	0.6778555	2	0.759419	4	0.8856441
Bromoform	0.1	0.1424486	0.25	0.2117201	0.5	0.2142435	1	0.1443549	2	0.1725863	4	0.1856239
Bromomethane	0.1	0.6963993	0.25	0.6066027	0.5	0.6281925	1	0.2543464	2	0.2291263	4	0.3764318
Carbon disulfide	0.1	15.51009	0.25	5.986339	0.5	5.29918	1	5.469023	2	4.99586	4	5.544948
Carbon tetrachloride	0.1	1.532079	0.25	1.546593	0.5	1.772117	1	1.158012	2	1.237792	4	1.621976
Chlorobenzene	0.1	2.416331	0.25	2.335305	0.5	2.511615	1	1.900721	2	2.099409	4	2.259822
Chlorodifluoromethane (Freon 22)	0.1	0	0.25	9.391771E-02	0.5	0.1609649	1	0.3006853	2	0.2654802	4	0.3087953
Chloroethane	0.1	1.082852	0.25	1.140023	0.5	0.9192171	1	0.9862248	2	0.9841086	4	1.018178
Chloroform	0.1	2.931743	0.25	3.054968	0.5	3.261364	1	2.346265	2	2.568369	4	2.802988
Chloromethane	0.1	2.726747	0.25	1.618962	0.5	1.562218	1	2.147112	2	2.141423	4	2.087797
cis-1,2-Dichloroethylene	0.1	21.22743	0.25	3.196455	0.5	2.975276	1	2.185861	2	2.290922	4	2.377819
cis-1,3-Dichloropropylene	0.1	1.231731	0.25	1.054345	0.5	1.197422	1	0.7303638	2	0.830086	4	1.055288
cis-decahydronaphthalene	0.1	0.2483504	0.25	0.2003565	0.5	0.229139	1	0.2042131	2	0.1783022	4	0.2318638
Cyclohexane	0.1	2.241229	0.25	2.475199	0.5	2.773748	1	2.703983	2	2.353819	4	3.154262
Dibromochloromethane	0.1	0.4051049	0.25	0.430675	0.5	0.4712056	1	0.3307967	2	0.3765088	4	0.4508637
Dibromomethane	0.1	0.3553273	0.25	0.3130054	0.5	0.329497	1	0.2445616	2	0.2739745	4	0.3047829
Dichlorodifluoromethane	0.1	1.187802	0.25	0.6175801	0.5	0.5983603	1	1.307262	2	1.258833	4	1.514739
Diisopropyl ether (DIPE)	0.1	4.981707	0.25	5.118718	0.5	5.642357	1	4.647572	2	4.501424	4	5.228267

FORM VI

INITIAL CALIBRATION DATA

EPA 8260D

Laboratory: ALS Environmental - Stratford

SDG: 26B1152

Client: Hydro Tech Environmental

Project: 230051-170 Freeman Rd Brooklyn NY

Calibration: SB60019

Instrument: VOA No. 10

Calibration Date: 02/09/26 00:33

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
Ethanol	4	3.442763E-02	10	4.318304E-02	20	1.643452E-02	40	1.952155E-02	80	1.047232E-02	160	1.442597E-02
Ethyl Benzene	0.1	4.779178	0.25	4.399533	0.5	4.676927	1	3.552815	2	3.857419	4	4.145502
Ethyl Ether	0.1	0.6885526	0.25	1.133111	0.5	1.314547	1	1.065794	2	1.055739	4	1.224242
Ethyl Methacrylate	0.1	0.6174539	0.25	0.5583454	0.5	0.5915549	1	0.4971971	2	0.4841307	4	0.5917901
Ethyl tert-butyl ether (ETBE)	0.1	3.167146	0.25	4.023012	0.5	4.625703	1	2.996619	2	2.732387	4	3.550044
Freon 115	0.1	1.016155	0.25	0.4740608	0.5	0	1	0.1420062	2	0.1253389	4	0.1699676
Freon 123	0.1	1.784155	0.25	2.127582	0.5	2.245783	1	2.453891	2	2.220483	4	2.847545
Freon 152a	0.1	0.3119084	0.25	0.3402992	0.5	0.425162	1	0.7685586	2	0.7195358	4	0.7994984
Freon 22	0.1	0	0.25	0.391771E-02	0.5	0.1609649	1	0.3006853	2	0.2654802	4	0.3087953
Hexachlorobutadiene	0.1	0.4203658	0.25	0.1797553	0.5	0.1636277	1	0.1060255	2	0.1172373	4	0.1253748
Hexachloroethane	0.1	0.342985	0.25	0.2104551	0.5	0.2597376	1	0.1801091	2	0.191499	4	0.257007
Iodomethane	0.1	0.3766441	0.25	0.5980647	0.5	0.5809261	1	0.3189679	2	0.3338211	4	0.5480265
Isopropylbenzene	0.1	3.48318	0.25	3.402425	0.5	3.705952	1	2.908373	2	3.176356	4	3.643985
Limonene	0.1	0.6305487	0.25	0.4992754	0.5	0.5893005	1	0.5107475	2	0.4737889	4	0.6336876
Methyl acetate	0.1	0	0.25	0.1203448	0.5	0.1931579	1	0.1401665	2	9.760552E-02	4	0.1333207
Methyl Methacrylate	0.1	0.3728024	0.25	0.2838339	0.5	0.3328581	1	0.2541242	2	0.2378303	4	0.2904177
Methyl tert-butyl ether (MTBE)	0.1	3.134778	0.25	3.76606	0.5	4.234022	1	2.739628	2	2.186511	4	3.015285
Methylcyclohexane	0.1	1.175598	0.25	1.225211	0.5	1.373392	1	1.297305	2	1.124187	4	1.621745
Methylene chloride	0.1	19.04799	0.25	8.995365	0.5	5.993046	1	3.489789	2	2.895612	4	2.59785
Naphthalene	0.1	2.16091	0.25	0.7824504	0.5	0.6377568	1	0.3915158	2	0.4345687	4	0.5043941
n-butyl acetate	0.1	0.6508155	0.25	0.6323942	0.5	0.6569339	1	0.4847714	2	0.4783722	4	0.5366804
n-Butylbenzene	0.1	2.575002	0.25	2.328031	0.5	2.386195	1	1.733718	2	1.805317	4	2.179509
n-Decane	0.1	1.066077	0.25	0.3613284	0.5	0.3323719	1	0.2663252	2	0.242673	4	0.3211481
n-Hexane	0.1	3.854717	0.25	3.603431	0.5	3.854573	1	3.534173	2	2.620093	4	4.184481
Nitrobenzene	1	0	2.5	7.412382E-03	5	0	10	4.56849E-03	20	3.295233E-03	40	4.337175E-03
n-Nonane	0.1	0.7879687	0.25	0.5451528	0.5	0.5028651	1	0.4047206	2	0.3406721	4	0.4394051
n-octane	0.1	0.4236391	0.25	0.3749255	0.5	0.4114646	1	0.3798693	2	0.3623083	4	0.4966851
n-Propylbenzene	0.1	4.160262	0.25	3.959464	0.5	4.278699	1	3.359048	2	3.656174	4	4.179577

FORM VI

INITIAL CALIBRATION DATA

EPA 8260D

Laboratory: ALS Environmental - Stratford

SDG: 26B1152

Client: Hydro Tech Environmental

Project: 230051-170 Freeman Rd Brooklyn NY

Calibration: SB60019

Instrument: VOA No. 10

Calibration Date: 02/09/26 00:33

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
n-undecane	0.1	0.6702847	0.25	0.1082571	0.5	0.1148705	1	0.0758015	2	8.330645E-02	4	9.746318E-02
o-Xylene	0.1	3.031667	0.25	3.0809	0.5	3.3713	1	2.508604	2	2.739158	4	2.963253
p- & m- Xylenes	0.2	3.30359	0.5	3.12367	1	3.442316	2	2.61886	4	2.862238	8	3.114107
p-Diethylbenzene	0.1	4.120453	0.25	4.000369	0.5	1.054802	1	0.8099809	2	0.877997	4	1.057406
p-Ethyltoluene	0.1	3.418348	0.25	3.228019	0.5	3.477515	1	2.641833	2	2.911415	4	3.389607
p-Isopropyltoluene	0.1	3.014713	0.25	2.236237	0.5	2.450202	1	1.900406	2	2.038601	4	2.435745
sec-Butylbenzene	0.1	2.893413	0.25	2.844981	0.5	3.1318	1	2.439176	2	2.660438	4	3.108064
Styrene	0.1	2.138318	0.25	4.992297	0.5	2.205212	1	1.683473	2	1.898981	4	2.14127
SURR: 1,2-Dichloroethane-d4	10	1.703491	10	1.855668	10	1.946592	10	1.797627	10	1.84019	10	1.85169
SURR: p-Bromofluorobenzene	10	1.355021	10	1.330411	10	1.297414	10	1.3252	10	1.335304	10	1.341746
SURR: Toluene-d8	10	4.649973	10	4.637129	10	4.525325	10	4.496241	10	4.447002	10	4.535874
tert-Amyl alcohol (TAA)	0.5	0	1.25	0.0376484	2.5	4.373954E-02	5	2.603256E-02	10	2.572566E-02	20	3.217118E-02
tert-Amyl methyl ether (TAME)	0.1	2.409934	0.25	3.121646	0.5	3.494227	1	2.117905	2	2.017048	4	2.604008
tert-Butyl alcohol (TBA)	0.5	7.532883E-02	1.25	4.708083E-02	2.5	5.983603E-02	5	2.129519E-02	10	1.722984E-02	20	2.413589E-02
tert-Butylbenzene	0.1	2.437494	0.25	2.349947	0.5	2.48672	1	1.910176	2	2.115984	4	2.435707
Tetrachloroethylene	0.1	2.999365	0.25	4.144565	0.5	1.076205	1	0.9679968	2	0.9552628	4	1.043661
Tetrahydrofuran	0.5	8.709896E-02	1.25	8.261506E-02	2.5	8.541872E-02	5	6.190783E-02	10	7.138077E-02	20	7.989226E-02
Toluene	0.1	6.557403	0.25	4.244617	0.5	4.439806	1	3.352115	2	3.600888	4	3.928538
trans-1,2-Dichloroethylene	0.1	3.106333	0.25	3.055375	0.5	3.108984	1	2.57773	2	2.667449	4	3.041969
trans-1,3-Dichloropropylene	0.1	0.829803	0.25	0.8036854	0.5	0.8952473	1	0.4856876	2	0.5497101	4	0.7476372
trans-1,4-dichloro-2-butene	0.1	9.829449E-02	0.25	6.826662E-02	0.5	8.377016E-02	1	0.0337671	2	3.900857E-02	4	0.0641917
trans-decahydronaphthalene	0.1	0.3157972	0.25	0.2934657	0.5	0.3193298	1	0.2676673	2	0.2548913	4	0.3336376
Trichloroethylene	0.1	4.762338	0.25	4.06541	0.5	1.047473	1	0.8119607	2	0.8191561	4	0.9162218
Trichlorofluoromethane	0.1	4.385933	0.25	4.494145	0.5	1.666738	1	1.8209	2	1.911276	4	2.324525
Vinyl acetate	0.1	0	0.25	0.1707595	0.5	0.1998111	1	0.1708674	2	0.1717313	4	0.196126
Vinyl Chloride	0.1	4.26627	0.25	4.299398	0.5	1.29051	1	4.762027	2	1.86443	4	2.00026
Xylenes, Total	0.3	3.212949	0.75	3.109414	1.5	3.418644	3	2.582108	6	2.821212	12	3.063822

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: ALS Environmental - StratfordSDG: 26B1152Client: Hydro Tech EnvironmentalProject: 230051-170 Freeman Rd Brooklyn NYCalibration: SB60017Instrument: MSVOA7Calibration Date: 02/09/26 07:00

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
1,1,1,2-Tetrachloroethane	10	1.536934	20	1.475848	40	1.384087	80	1.112216				
1,1,1-Trichloroethane	10	4.752323	20	4.453393	40	4.477463	80	3.905179				
1,1,2,2-Tetrachloroethane	10	0.4438809	20	0.4540912	40	0.4613801	80	0.4377161				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10	3.008756	20	2.653579	40	2.65387	80	2.200905				
1,1,2-Trichloroethane	10	0.978554	20	0.9285441	40	0.8754615	80	0.7025862				
1,1-Dichloroethane	10	5.897799	20	5.660849	40	5.586332	80	5.113105				
1,1-Dichloroethylene	10	4.805376	20	4.507141	40	4.597808	80	3.926922				
1,1-Dichloropropylene	10	4.530926	20	4.220008	40	4.146933	80	3.527529				
1,2,3-Trichlorobenzene	10	0.7607716	20	0.7984314	40	0.8258048	80	0.8044947				
1,2,3-Trichloropropane	10	0.1246359	20	0.1284326	40	0.1325497	80	0.1297268				
1,2,3-Trimethylbenzene	10	3.153843	20	3.231469	40	3.13787	80	2.828314				
1,2,4,5-Tetramethylbenzene	10	3.126361	20	3.323186	40	3.12058	80	2.828067				
1,2,4-Trichlorobenzene	10	0.9600788	20	1.027153	40	1.021368	80	0.9991385				
1,2,4-Trimethylbenzene	10	3.290458	20	3.363289	40	3.175267	80	2.812064				
1,2-Dibromo-3-chloropropane	10	6.245047E-02	20	6.406974E-02	40	0.0687624	80	6.733009E-02				
1,2-Dibromoethane	10	0.8774508	20	0.8522914	40	0.8022611	80	0.6419569				
1,2-Dichlorobenzene	10	1.470261	20	1.518162	40	1.521296	80	1.440737				
1,2-Dichloroethane	10	2.840003	20	2.685463	40	2.70607	80	2.435589				
1,2-Dichloropropane	10	1.697567	20	1.569008	40	1.432705	80	1.136596				
1,3,5-Trimethylbenzene	10	3.223856	20	3.302631	40	3.099264	80	2.699289				
1,3-Dichlorobenzene	10	1.751877	20	1.784773	40	1.761998	80	1.663712				
1,3-Dichloropropane	10	1.68164	20	1.606281	40	1.489637	80	1.170968				
1,4-Dichlorobenzene	10	1.677445	20	1.746781	40	1.730164	80	1.651644				
1,4-Dioxane	250	1.845202E-03	500	0.0014548	1000	1.609408E-03	2000	1.336988E-03				
2,2-Dichloropropane	10	3.973968	20	3.873018	40	3.945958	80	3.552781				
2-Butanone	10	0.2796566	20	0.25704	40	0.266265	80	0.2390982				
2-Chloroethylvinyl ether	10	0.5077227	20	0.5042428	40	0.4842546	80	0.3913046				
2-Chlorotoluene	10	2.591859	20	2.671299	40	2.483605	80	2.27406				

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: ALS Environmental - Stratford

SDG: 26B1152

Client: Hydro Tech Environmental

Project: 230051-170 Freeman Rd Brooklyn NY

Calibration: SB60017

Instrument: MSVOA7

Calibration Date: 02/09/26 07:00

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
2-Hexanone	10	0.338969	20	0.3235416	40	0.327725	80	0.2584972				
2-Nitropropane	50	0.1832318	100	0.1826796	200	0.1832625	400	0.1490316				
4-Chlorotoluene	10	2.69156	20	2.803263	40	2.667273	80	2.400088				
4-Methyl-2-pentanone	10	0.4990572	20	0.5052614	40	0.4972746	80	0.3948488				
Acetone	10	0.1336431	20	0.119712	40	0.1130523	80	0.1025043				
Acrolein	40	0.2213653	80	0.2206432	100	0.2221637	200	0.196742				
Acrylonitrile	50	0.3909255	100	0.3696037	200	0.3749428	400	0.344166				
Allyl chloride	10	5.445215	20	5.13438	40	5.045604	80	3.989591				
Benzene	10	13.7977	20	12.93267	40	12.74123	80	11.1744				
Bromobenzene	10	1.492705	20	1.540207	40	1.514954	80	1.420134				
Bromochloromethane	10	1.960759	20	1.877034	40	1.796554	80	1.549381				
Bromodichloromethane	10	2.016838	20	1.901494	40	1.766418	80	1.413621				
Bromoform	10	0.5957532	20	0.5895299	40	0.587031	80	0.4870394				
Bromomethane	10	2.307183	20	2.215408	40	2.360484	80	2.195297				
Carbon disulfide	10	11.40647	20	10.72493	40	10.97846	80	9.461075				
Carbon tetrachloride	10	3.925907	20	3.627585	40	3.660964	80	3.156554				
Chlorobenzene	10	5.058807	20	4.733675	40	4.387602	80	3.470445				
Chlorodifluoromethane (Freon 22)	10	6.371488	20	5.808884	40	5.172616	80	4.38124				
Chloroethane	10	2.011553	20	1.915575	40	1.95767	80	1.707612				
Chloroform	10	5.478078	20	5.245487	40	5.235364	80	4.75136				
Chloromethane	10	4.374274	20	4.077383	40	3.934233	80	3.496854				
cis-1,2-Dichloroethylene	10	4.264576	20	4.123515	40	4.096633	80	3.724276				
cis-1,3-Dichloropropylene	10	2.279044	20	2.231936	40	2.098006	80	1.674832				
cis-decahydronaphthalene	10	0.5167592	20	0.4781235	40	0.3008637	80	0.2068411				
Cyclohexane	10	5.256024	20	4.510949	40	4.159955	80	3.245051				
Dibromochloromethane	10	1.172003	20	1.142965	40	1.098683	80	0.8904693				
Dibromomethane	10	0.6587615	20	0.6190736	40	0.5747883	80	0.4662948				
Dichlorodifluoromethane	10	3.263166	20	2.860056	40	2.672562	80	2.230569				

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: ALS Environmental - StratfordSDG: 26B1152Client: Hydro Tech EnvironmentalProject: 230051-170 Freeman Rd Brooklyn NYCalibration: SB60017Instrument: MSVOA7Calibration Date: 02/09/26 07:00

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
Diisopropyl ether (DIPE)	10	8.666204	20	8.372177	40	8.485971	80	7.738989				
Ethanol	400	3.457521E-03	800	2.671215E-03	1600	3.147999E-03	3200	2.817955E-03				
Ethyl Benzene	10	9.002877	20	8.44006	40	7.551254	80	5.450141				
Ethyl Ether	10	1.836668	20	1.835096	40	1.926583	80	1.724216				
Ethyl Methacrylate	10	0.9903946	20	1.01605	40	1.036051	80	0.8491851				
Ethyl tert-butyl ether (ETBE)	10	6.88189	20	6.739088	40	7.087714	80	6.657845				
Freon 115	10	0.3002453	20	0.2323073	40	0.1194814	80	9.919371E-02				
Freon 123	10	4.712523	20	4.467453	40	4.68273	80	4.071492				
Freon 152a	10	1.604847	20	1.460811	40	1.275712	80	1.08948				
Freon 22	10	6.371488	20	5.808884	40	5.172616	80	4.38124				
Hexachlorobutadiene	10	0.5226241	20	0.529263	40	0.3933636	80	0.3153264				
Hexachloroethane	10	0.5963262	20	0.6342929	40	0.6181545	80	0.557766				
Iodomethane	10	4.103642	20	4.452884	40	4.671491	80	3.942754				
Isopropylbenzene	10	3.829994	20	3.899161	40	3.640923	80	3.14779				
Limonene	10	1.020689	20	0.9811613	40	0.7265218	80	0.5491436				
Methyl acetate	10	0.2017663	20	0.1918428	40	0.2050416	80	0.1847053				
Methyl Methacrylate	10	0.4562971	20	0.4591932	40	0.4570171	80	0.3793659				
Methyl tert-butyl ether (MTBE)	10	5.461835	20	5.340585	40	5.7188	80	5.250523				
Methylcyclohexane	10	2.956919	20	2.432567	40	1.823776	80	1.227464				
Methylene chloride	10	4.103739	20	3.813459	40	3.796338	80	3.318283				
Naphthalene	10	1.396543	20	1.496084	40	1.580172	80	1.52618				
n-butyl acetate	10	0.8372754	20	0.8575885	40	0.8837889	80	0.7134827				
n-Butylbenzene	10	3.940639	20	3.983908	40	3.448012	80	2.914569				
n-Decane	10	0.8200388	20	0.593073	40	~~0.1783083~~	80	~~7.764272E-02~~				
n-Hexane	10	5.899262	20	5.054955	40	~~4.019788~~	80	~~3.428228~~				
Nitrobenzene	100	1.768507E-02	200	1.951814E-02	400	2.363142E-02	800	2.464941E-02				
n-Nonane	10	1.716709	20	1.269805	40	~~0.346268~~	80	~~0.1458165~~				
n-octane	10	1.229842	20	0.9661854	40	~~0.3525895~~	80	~~0.1841315~~				

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: ALS Environmental - StratfordSDG: 26B1152Client: Hydro Tech EnvironmentalProject: 230051-170 Freeman Rd Brooklyn NYCalibration: SB60017Instrument: MSVOA7Calibration Date: 02/09/26 07:00

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
n-Propylbenzene	10	4.704225	20	4.750124	40	4.315655	80	3.578936				
n-undecane	10	0.3943191	20	0.2498782	40	~~0.0838142~~	80	~~2.688932E-02~~				
o-Xylene	10	6.643964	20	6.404844	40	5.806203	80	4.434296				
p- & m- Xylenes	20	6.75628	40	6.420565	80	5.629098	160	3.74205				
p-Diethylbenzene	10	1.792125	20	1.836032	40	1.594552	80	1.376841				
p-Ethyltoluene	10	3.888341	20	4.028074	40	3.71093	80	3.174567				
p-Isopropyltoluene	10	3.540481	20	3.595518	40	3.177783	80	2.680105				
sec-Butylbenzene	10	4.271211	20	4.192662	40	3.633945	80	2.949418				
Styrene	10	5.125197	20	4.97678	40	4.604753	80	3.628681				
SURR: 1,2-Dichloroethane-d4	10	1.630857	10	1.498808	10	1.469122	10	1.319136				
SURR: p-Bromofluorobenzene	10	0.9505344	10	0.9415803	10	0.9094676	10	0.8826019				
SURR: Toluene-d8	10	5.552947	10	5.094015	10	4.486599	10	3.585293				
tert-Amyl alcohol (TAA)	50	4.405146E-02	100	4.240809E-02	200	5.164193E-02	400	5.087785E-02				
tert-Amyl methyl ether (TAME)	10	5.570221	20	5.495069	40	5.832984	80	5.378743				
tert-Butyl alcohol (TBA)	50	0.203212	100	0.19564	200	0.2038403	400	0.1912997				
tert-Butylbenzene	10	3.081846	20	3.153647	40	2.977543	80	2.622866				
Tetrachloroethylene	10	2.102267	20	2.03637	40	1.8297	80	1.403213				
Tetrahydrofuran	50	0.1244847	100	0.1207357	200	0.129908	400	0.1212039				
Toluene	10	8.063203	20	7.520183	40	6.768989	80	5.07822				
trans-1,2-Dichloroethylene	10	4.940784	20	4.733415	40	4.783021	80	4.222261				
trans-1,3-Dichloropropylene	10	2.279044	20	2.231936	40	2.098006	80	1.674832				
trans-1,4-dichloro-2-butene	10	0.1032552	20	0.1056273	40	0.1110639	80	0.1033929				
trans-decahydronaphthalene	10	0.6789724	20	0.5921071	40	0.3204405	80	~~0.207458~~				
Trichloroethylene	10	1.95399	20	1.783628	40	1.63724	80	1.293177				
Trichlorofluoromethane	10	4.643443	20	4.275645	40	4.416308	80	3.614022				
Vinyl acetate	10	0.2844327	20	0.2865303	40	0.3082343	80	0.3061722				
Vinyl Chloride	10	4.405092	20	4.108703	40	4.1915	80	3.562215				

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory:ALS Environmental - Stratford

SDG:26B1152

Client:Hydro Tech Environmental

Project:230051-170 Freeman Rd Brooklyn NY

Calibration:SB60017

Instrument:MSVOA7

Calibration Date:02/09/26 07:00

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
Xylenes, Total	30	6.718841	60	6.415325	120	5.688133	240	3.972797				

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: ALS Environmental - Stratford

SDG: 26B1152

Client: Hydro Tech Environmental

Project: 230051-170 Freeman Rd Brooklyn NY

Calibration: SB60019

Instrument: VOA No. 10

Calibration Date: 02/09/26 00:33

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
1,1,1,2-Tetrachloroethane	10	0.6586981	20	0.6654612	40	0.7020062	80	0.6827522				
1,1,1-Trichloroethane	10	2.358489	20	2.254017	40	2.239496	80	2.041259				
1,1,2,2-Tetrachloroethane	10	0.382498	20	0.354727	40	0.3958635	80	0.3801778				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10	1.770034	20	1.492358	40	1.422012	80	1.330812				
1,1,2-Trichloroethane	10	0.4725161	20	0.4437257	40	0.4825423	80	0.4381527				
1,1-Dichloroethane	10	2.818806	20	2.975765	40	2.960532	80	2.676624				
1,1-Dichloroethylene	10	2.896446	20	2.520821	40	2.507633	80	2.478658				
1,1-Dichloropropylene	10	2.401843	20	2.233725	40	2.212849	80	2.131431				
1,2,3-Trichlorobenzene	10	0.1599639	20	0.1733624	40	0.1667588	80	0.152867				
1,2,3-Trichloropropane	10	0.1168081	20	0.107947	40	0.1210785	80	0.1205589				
1,2,3-Trimethylbenzene	10	2.29105	20	2.2847	40	2.362927	80	2.474177				
1,2,4,5-Tetramethylbenzene	10	1.385366	20	1.443824	40	1.41589	80	1.412961				
1,2,4-Trichlorobenzene	10	0.1599639	20	0.1733624	40	0.1667588	80	0.152867				
1,2,4-Trimethylbenzene	10	2.556745	20	2.534482	40	2.53189	80	2.644238				
1,2-Dibromo-3-chloropropane	10	3.953008E-02	20	3.914644E-02	40	4.541094E-02	80	3.958997E-02				
1,2-Dibromoethane	10	0.3922228	20	0.3904016	40	0.4136643	80	0.2930711				
1,2-Dichlorobenzene	10	0.9564498	20	0.9323419	40	0.986488	80	0.9843501				
1,2-Dichloroethane	10	1.665336	20	1.495244	40	1.551351	80	1.380983				
1,2-Dichloropropane	10	0.8645906	20	0.8624728	40	0.8814654	80	0.8422445				
1,3,5-Trimethylbenzene	10	2.701289	20	2.696251	40	2.661273	80	2.763528				
1,3-Dichlorobenzene	10	1.174093	20	1.164918	40	1.193285	80	1.245527				
1,3-Dichloropropane	10	0.8615288	20	0.8352359	40	0.8788081	80	0.7644541				
1,4-Dichlorobenzene	10	1.161633	20	1.158764	40	1.198072	80	1.25427				
1,4-Dioxane	250	3.609223E-03	500	2.743085E-03	1000	3.08655E-03	2000	2.916031E-03				
2,2-Dichloropropane	10	0.8500655	20	2.035024	40	1.348283	80	0.1194411				
2-Butanone	10	0.1774194	20	0.1580646	40	0.1602327	80	0.1290091				
2-Chloroethylvinyl ether	10	0	20	4.876869E-03	40	1.702196E-03	80	0				
2-Chlorotoluene	10	2.55145	20	2.54427	40	2.571406	80	2.747426				

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: ALS Environmental - Stratford

SDG: 26B1152

Client: Hydro Tech Environmental

Project: 230051-170 Freeman Rd Brooklyn NY

Calibration: SB60019

Instrument: VOA No. 10

Calibration Date: 02/09/26 00:33

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
2-Hexanone	10	0.2095951	20	0.1922016	40	0.2165099	80	0.1756166				
2-Nitropropane	50	0.1965749	100	0.1550016	200	6.367861E-02	400	4.529439E-02				
4-Chlorotoluene	10	2.314592	20	2.301966	40	2.351563	80	2.487069				
4-Methyl-2-pentanone	10	0.306802	20	0.2960435	40	0.3347935	80	0.2828385				
Acetone	10	0.2049354	20	8.339101E-02	40	0.1196004	80	0.1949171				
Acrolein	40	0.1613241	80	0.1399387	100	0.1425657	200	0.1315672				
Acrylonitrile	50	0.2199517	100	0.2083994	200	0.2201038	400	0.1835699				
Allyl chloride	10	1.879984	20	3.083723	40	2.879566	80	1.941214				
Benzene	10	7.273674	20	6.87319	40	6.969865	80	6.882195				
Bromobenzene	10	1.358352	20	1.339202	40	1.390668	80	1.482784				
Bromochloromethane	10	1.062124	20	1.032344	40	0.955927	80	0.7783597				
Bromodichloromethane	10	0.9206284	20	0.9345635	40	0.978525	80	0.9173811				
Bromoform	10	0.2131813	20	0.2126222	40	0.2489674	80	0.2378393				
Bromomethane	10	0.4625736	20	0.8414303	40	0.9523513	80	0.870068				
Carbon disulfide	10	5.366933	20	5.025128	40	5.006649	80	4.689092				
Carbon tetrachloride	10	1.784468	20	1.754181	40	1.755181	80	1.484916				
Chlorobenzene	10	2.329182	20	2.302008	40	2.415991	80	2.494707				
Chlorodifluoromethane (Freon 22)	10	0.2857678	20	0.2547609	40	0.2336682	80	0.2261				
Chloroethane	10	1.008839	20	1.007286	40	0.9937695	80	0.8569776				
Chloroform	10	2.82518	20	2.627488	40	2.665594	80	2.607181				
Chloromethane	10	2.104698	20	1.752493	40	1.805057	80	2.204492				
cis-1,2-Dichloroethylene	10	2.348838	20	2.144638	40	2.179244	80	2.124564				
cis-1,3-Dichloropropylene	10	1.095295	20	1.16588	40	1.217203	80	1.06061				
cis-decahydronaphthalene	10	0.2324127	20	0.2032128	40	0.1428033	80	0.1006553				
Cyclohexane	10	3.24882	20	2.728286	40	2.534127	80	2.305072				
Dibromochloromethane	10	0.488116	20	0.4851276	40	0.5339147	80	0.4967614				
Dibromomethane	10	0.2984273	20	0.2951895	40	0.3095018	80	0.2475722				
Dichlorodifluoromethane	10	1.511345	20	1.328546	40	1.237082	80	1.135097				

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: ALS Environmental - StratfordSDG: 26B1152Client: Hydro Tech EnvironmentalProject: 230051-170 Freeman Rd Brooklyn NYCalibration: SB60019Instrument: VOA No. 10Calibration Date: 02/09/26 00:33

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
Diisopropyl ether (DIPE)	10	5.030844	20	4.690881	40	4.929942	80	4.313124				
Ethanol	400	1.676676E-02	800	6.637117E-03	1600	1.070065E-02	3200	2.060963E-02				
Ethyl Benzene	10	4.300853	20	4.30876	40	4.386073	80	4.528263				
Ethyl Ether	10	1.168164	20	1.056649	40	1.111749	80	0.9682241				
Ethyl Methacrylate	10	0.5958428	20	0.5758564	40	0.6491963	80	0.5592529				
Ethyl tert-butyl ether (ETBE)	10	2.947214	20	3.820189	40	3.547239	80	~~1.02889~~				
Freon 115	10	0.1400657	20	0.1023646	40	~~5.263182E-02~~	80	~~4.651513E-02~~				
Freon 123	10	2.685988	20	2.428301	40	2.45495	80	2.379947				
Freon 152a	10	0.7358	20	0.6438379	40	0.5682858	80	0.5562038				
Freon 22	10	0.2857678	20	0.2547609	40	0.2336682	80	0.2261				
Hexachlorobutadiene	10	0.1303023	20	0.1282579	40	0.1000437	80	0.0793521				
Hexachloroethane	10	0.2799779	20	0.3192687	40	0.331001	80	0.3304729				
Iodomethane	10	0.7040203	20	1.697041	40	~~1.498766~~	80	~~0.6404487~~				
Isopropylbenzene	10	3.761713	20	3.723253	40	3.643151	80	3.846197				
Limonene	10	0.6845275	20	0.6760149	40	0.5467709	80	0.4263217				
Methyl acetate	10	9.960275E-02	20	0.1405548	40	~~6.662403E-02~~	80	0				
Methyl Methacrylate	10	0.2823771	20	0.2739226	40	0.3048518	80	0.2534825				
Methyl tert-butyl ether (MTBE)	10	2.180331	20	3.089761	40	~~1.498037~~	80	~~0.2647104~~				
Methylcyclohexane	10	1.679177	20	1.506405	40	1.275926	80	1.117869				
Methylene chloride	10	2.342329	20	2.174078	40	2.133271	80	1.881069				
Naphthalene	10	0.5142803	20	0.5485319	40	0.5607555	80	0.5052153				
n-butyl acetate	10	0.5501343	20	0.5184092	40	0.5915272	80	0.494246				
n-Butylbenzene	10	2.31895	20	2.465093	40	2.327983	80	2.105667				
n-Decane	10	0.3319626	20	0.2975273	40	~~0.1465263~~	80	~~0.134175~~				
n-Hexane	10	4.019644	20	3.510191	40	2.331778	80	1.632878				
Nitrobenzene	100	4.489192E-03	200	4.565843E-03	400	6.652252E-03	800	8.746077E-03				
n-Nonane	10	0.4483931	20	0.3565002	40	~~0.1323171~~	80	~~9.838069E-02~~				
n-octane	10	0.4853509	20	0.4000062	40	~~0.172115~~	80	~~0.1181173~~				

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: ALS Environmental - StratfordSDG: 26B1152Client: Hydro Tech EnvironmentalProject: 230051-170 Freeman Rd Brooklyn NYCalibration: SB60019Instrument: VOA No. 10Calibration Date: 02/09/26 00:33

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
n-Propylbenzene	10	4.296386	20	4.205364	40	4.084242	80	4.253312				
n-undecane	10	0.1029554	20	0.1310022	40	~~6.870835E-02~~	80	~~5.067167E-02~~				
o-Xylene	10	3.079917	20	3.068016	40	3.132749	80	3.170845				
p- & m- Xylenes	20	3.218907	40	3.29802	80	3.403555	160	3.486864				
p-Diethylbenzene	10	1.071353	20	1.076753	40	0.9941892	80	0.953773				
p-Ethyltoluene	10	3.397723	20	3.398011	40	3.295517	80	3.442296				
p-Isopropyltoluene	10	2.547429	20	2.483385	40	2.313031	80	2.243632				
sec-Butylbenzene	10	3.240361	20	3.130004	40	2.914149	80	2.755226				
Styrene	10	2.218547	20	2.274373	40	2.392831	80	2.428006				
SURR: 1,2-Dichloroethane-d4	10	1.884403	10	1.627591	10	1.612388	10	1.365266				
SURR: p-Bromofluorobenzene	10	1.318914	10	1.292573	10	1.261194	10	1.264279				
SURR: Toluene-d8	10	4.404072	10	4.446373	10	4.216192	10	3.955341				
tert-Amyl alcohol (TAA)	50	2.853518E-02	100	3.074491E-02	200	3.070677E-02	400	0.0108549				
tert-Amyl methyl ether (TAME)	10	2.254882	20	2.885878	40	2.820436	80	1.033788				
tert-Butyl alcohol (TBA)	50	1.600424E-02	100	4.002357E-02	200	~~1.824528E-02~~	400	~~8.260122E-03~~				
tert-Butylbenzene	10	2.541125	20	2.46134	40	2.423146	80	2.461914				
Tetrachloroethylene	10	1.100735	20	1.090081	40	1.071932	80	1.101891				
Tetrahydrofuran	50	7.613194E-02	100	6.586071E-02	200	7.483607E-02	400	6.316427E-02				
Toluene	10	3.994067	20	3.981491	40	4.038333	80	4.079514				
trans-1,2-Dichloroethylene	10	3.013446	20	2.797324	40	2.745262	80	2.638863				
trans-1,3-Dichloropropylene	10	0.7708215	20	0.8683657	40	0.9276044	80	0.75668				
trans-1,4-dichloro-2-butene	10	0.0651153	20	8.654338E-02	40	9.939151E-02	80	7.931053E-02				
trans-decahydronaphthalene	10	0.3410475	20	0.282211	40	~~0.169923~~	80	~~0.1198597~~				
Trichloroethylene	10	0.9276153	20	0.9363795	40	0.9458116	80	0.9812057				
Trichlorofluoromethane	10	2.42601	20	2.186864	40	2.168913	80	1.829849				
Vinyl acetate	10	0.1827541	20	0.1802464	40	0.1856389	80	0.1266571				
Vinyl Chloride	10	2.049552	20	1.889652	40	1.892091	80	1.827829				

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory:ALS Environmental - Stratford

SDG:26B1152

Client:Hydro Tech Environmental

Project:230051-170 Freeman Rd Brooklyn NY

Calibration:SB60019

Instrument:VOA No. 10

Calibration Date:02/09/26 00:33

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
Xylenes, Total	30	3.172577	60	3.221352	120	3.313286	240	3.381523				

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: ALS Environmental - StratfordSDG: 26B1152Client: Hydro Tech EnvironmentalProject: 230051-170 Freeman Rd Brooklyn NYCalibration: SB60017Instrument: MSVOA7Calibration Date: 02/09/26 07:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1,1,2-Tetrachloroethane	1.427472	9.97718	8.30275	1.815713E-02			20	
1,1,1-Trichloroethane	4.316811	6.69616	4.6775	5.854097E-02			SPCC (0.1)	
1,1,2,2-Tetrachloroethane	0.4483313	2.460175	9.69425	2.218403E-02			SPCC (0.3)	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	2.618327	15.03318	2.69675	0.1142381			SPCC (0.1)	
1,1,2-Trichloroethane	0.933844	11.41501	7.3235	3.458812E-02			SPCC (0.1)	
1,1-Dichloroethane	5.673247	4.789776	3.824	1.408519E-02			SPCC (0.2)	
1,1-Dichloroethylene	4.437488	10.01107	2.65825	0.1172401			SPCC (0.1)	
1,1-Dichloropropylene	4.043494	8.318032	4.779	1.678803E-02			20	
1,2,3-Trichlorobenzene	0.7424463	8.899912	13.47525	1.761518E-02			20	
1,2,3-Trichloropropane	0.1253731	5.680878	9.8335	3.033703E-02			20	
1,2,3-Trimethylbenzene	2.958829	8.932236	10.72975	1.935577E-02			20	
1,2,4,5-Tetramethylbenzene	2.778941	15.85496	11.85987	1.570538E-02			20	
1,2,4-Trichlorobenzene	0.9302117	9.147268	12.872	2.052975E-02			SPCC (0.2)	
1,2,4-Trimethylbenzene	2.987245	9.905686	10.24913	2.265627E-02			20	
1,2-Dibromo-3-chloropropane	0.0600971	11.79159	12.0815	3.240926E-02			SPCC (0.05)	
1,2-Dibromoethane	0.8279017	9.804864	7.721	4.226373E-02			SPCC (0.1)	
1,2-Dichlorobenzene	1.448928	4.299834	11.16325	2.305877E-02			SPCC (0.4)	
1,2-Dichloroethane	2.772888	5.985503	5.16825	4.364994E-02			SPCC (0.1)	
1,2-Dichloropropane	1.565548	12.77975	5.94775	3.754584E-02			SPCC (0.1)	
1,3,5-Trimethylbenzene	2.963686	8.358272	9.82675	4.502275E-02			20	
1,3-Dichlorobenzene	1.687384	4.833198	10.5965	2.116759E-02			SPCC (0.6)	
1,3-Dichloropropane	1.601825	12.21273	7.5855	3.892894E-02			20	
1,4-Dichlorobenzene	1.633047	5.935862	10.69488	2.940618E-02			SPCC (0.5)	
1,4-Dioxane	1.636183E-03	38.62449	6.188286	0.1568643		0.9911	0.99	
2,2-Dichloropropane	3.760101	4.562479	4.365625	8.136341E-02			20	
2-Butanone	0.2650899	9.227706	4.77375	7.974424E-02			SPCC (0.1)	
2-Chloroethylvinyl ether	0.4700256	16.19214	6.512	4.162922E-02			20	
2-Chlorotoluene	2.478873	5.816191	9.7755	3.120084E-02			20	
2-Hexanone	0.3173164	9.091847	7.94225	0.0291371			SPCC (0.1)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: ALS Environmental - StratfordSDG: 26B1152Client: Hydro Tech EnvironmentalProject: 230051-170 Freeman Rd Brooklyn NYCalibration: SB60017Instrument: MSVOA7Calibration Date: 02/09/26 07:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
2-Nitropropane	0.1798498	6.640506	7.0054	5.031147E-02			20	
4-Chlorotoluene	2.561329	6.443458	9.953	2.911083E-02			20	
4-Methyl-2-pentanone	0.4892631	8.419685	7.14	1.424847E-02			SPCC (0.1)	
Acetone	0.1484683	26.05258	3.21225	0.1381229		0.999341	SPCC (0.1)	
Acrolein	0.2749293	26.8638	2.9546	0.1161653		0.9996294	0.99	
Acrylonitrile	0.381299	7.814412	3.8724	5.193817E-02			20	
Allyl chloride	5.206688	12.39461	3.07225	0.102652			20	
Benzene	12.8981	6.418671	4.992	6.845248E-03			SPCC (0.5)	
Bromobenzene	1.473345	3.727902	9.57375	1.627196E-02			20	
Bromochloromethane	1.913457	9.071989	4.44425	4.498478E-02			20	
Bromodichloromethane	1.891906	11.53432	6.002	7.655268E-03			SPCC (0.2)	
Bromoform	0.5801447	8.113434	8.9265	4.470535E-02			SPCC (0.1)	
Bromomethane	2.474239	11.08	1.969	1.375348E-02			SPCC (0.1)	
Carbon disulfide	10.90224	10.4674	2.68275	0.1120268			SPCC (0.1)	
Carbon tetrachloride	3.509203	8.140543	4.618	7.123603E-02			SPCC (0.1)	
Chlorobenzene	4.720799	12.16805	8.23575	1.453754E-02			SPCC (0.5)	
Chlorodifluoromethane (Freon 22)	4.815395	28.0694	1.479375	0.1208127		0.9992283	0.99	
Chloroethane	1.879182	11.066	2.08475	0.1042591			SPCC (0.1)	
Chloroform	5.344279	5.174083	4.505625	2.327581E-02			SPCC (0.2)	
Chloromethane	4.020097	15.945	1.616	1.068281E-02			SPCC (0.1)	
cis-1,2-Dichloroethylene	4.068675	4.545317	4.27475	4.371463E-02			SPCC (0.1)	
cis-1,3-Dichloropropylene	2.090207	9.221231	6.56875	3.436346E-02			SPCC (0.2)	
cis-decahydronaphthalene	0.4205992	18.759	11.37486	3.252211E-02		0.9958951	0.99	
Cyclohexane	4.184141	19.19828	4.44125	6.743509E-02			SPCC (0.1)	
Dibromochloromethane	1.115154	8.752374	7.494375	3.849276E-02			SPCC (0.1)	
Dibromomethane	0.6230968	11.65453	5.859	5.704987E-02			20	
Dichlorodifluoromethane	2.633098	28.00508	1.439	2.564545E-02		0.9996432	SPCC (0.1)	
Diisopropyl ether (DIPE)	8.483309	5.327207	3.71725	8.419943E-02			20	
Ethanol	3.586117E-03	23.58658	2.62525	0.2262066			20	*
Ethyl Benzene	8.053459	14.20724	8.26275	5.338532E-02			SPCC (0.1)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: ALS Environmental - StratfordSDG: 26B1152Client: Hydro Tech EnvironmentalProject: 230051-170 Freeman Rd Brooklyn NYCalibration: SB60017Instrument: MSVOA7Calibration Date: 02/09/26 07:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Ethyl Ether	1.901883	6.305632	2.486	5.804397E-03			20	
Ethyl Methacrylate	0.9131543	10.71236	7.322	1.787701E-02			20	
Ethyl tert-butyl ether (ETBE)	6.705434	5.059002	4.02425	5.574425E-02			20	
Freon 115	0.2567263	45.13313	1.316857	0.1728331			20	*
Freon 123	4.460558	12.15641	2.711	1.424868E-02			20	
Freon 152a	1.406033	26.3202	1.45175	0.1477719		0.9990932	0.99	
Freon 22	4.815395	28.0694	1.479375	0.1208127		0.9992283	0.99	
Hexachlorobutadiene	0.4494117	15.58815	12.85125	4.658538E-03			20	
Hexachloroethane	0.5694055	7.97909	11.13237	0.0276943			20	
Iodomethane	3.456232	29.4976	2.78775	0.1107709		0.9976141	0.99	
Isopropylbenzene	3.402959	11.2189	9.1735	2.664322E-02			SPCC (0.1)	
Limonene	0.7937964	21.21332	10.33287	0.0382169		0.9955047	0.99	
Methyl acetate	0.2019959	6.917877	3.319	1.871069E-02			SPCC (0.1)	
Methyl Methacrylate	0.4324643	6.960345	6.139	5.217055E-02			20	
Methyl tert-butyl ether (MTBE)	5.599526	5.396664	3.39725	6.169185E-02			SPCC (0.1)	
Methylcyclohexane	2.24295	25.70535	5.47975	3.669587E-02		0.9942708	SPCC (0.1)	
Methylene chloride	5.363729	47.39334	3.16475	9.797899E-02		0.9992969	SPCC (0.1)	
Naphthalene	1.325962	15.33869	13.2585	1.886276E-02			20	
n-butyl acetate	0.7976659	7.580468	7.849875	3.567029E-02			20	
n-Butylbenzene	3.512213	10.80748	10.99775	2.455426E-02			20	
n-Decane	0.6928941	12.73972	9.5965	2.902605E-02			20	
n-Hexane	5.329169	13.88788	3.363	0.0747757			20	
Nitrobenzene	1.970674E-02	15.82119	12.73667	3.052942E-02			20	
n-Nonane	1.365696	15.619	8.168	2.301132E-02		0.9911663	0.99	
n-octane	0.9889357	22.03335	6.6105	6.218236E-03		0.9952062	0.99	
n-Propylbenzene	4.308637	8.932029	9.6115	3.416052E-02			20	
n-undecane	0.3203581	16.76412	10.91183	1.266425E-02			20	
o-Xylene	5.828257	11.98933	8.846	0.0354731			SPCC (0.3)	
p- & m- Xylenes	5.911886	16.26079	8.411	1.402355E-02			SPCC (0.1)	
p-Diethylbenzene	1.59632	11.75305	10.936	2.747177E-02			20	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: ALS Environmental - StratfordSDG: 26B1152Client: Hydro Tech EnvironmentalProject: 230051-170 Freeman Rd Brooklyn NYCalibration: SB60017Instrument: MSVOA7Calibration Date: 02/09/26 07:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
p-Ethyltoluene	3.582082	9.431846	9.7325	3.010478E-02			20	
p-Isopropyltoluene	3.075724	12.73122	10.528	3.332173E-02			20	
sec-Butylbenzene	3.672421	12.83256	10.3655	3.072754E-02			20	
Styrene	4.508292	11.44826	8.90475	2.038834E-02			SPCC (0.3)	
SURR: 1,2-Dichloroethane-d4	1.648691	10.47026	5.108	5.386274E-02			20	
SURR: p-Bromofluorobenzene	0.9663344	4.862636	9.4682	3.479979E-02			20	
SURR: Toluene-d8	5.532901	16.18984	6.7368	3.498955E-02			20	
tert-Amyl alcohol (TAA)	4.658351E-02	9.43181	5.26225	0.1038473			20	
tert-Amyl methyl ether (TAME)	5.38801	7.209887	5.088125	5.743659E-02			20	
tert-Butyl alcohol (TBA)	0.2059107	5.330159	3.717667	8.551404E-02			20	
tert-Butylbenzene	2.774849	10.49619	10.16975	0.0213138			20	
Tetrachloroethylene	1.895468	11.67159	7.1415	0.0411812			SPCC (0.2)	
Tetrahydrofuran	0.1132805	24.18993	4.6433	6.546095E-02		0.9994444	0.99	
Toluene	7.437801	14.33305	6.78625	2.550489E-02			SPCC (0.4)	
trans-1,2-Dichloroethylene	4.791448	5.790765	3.30025	6.316363E-02			SPCC (0.1)	
trans-1,3-Dichloropropylene	2.090207	9.221231	6.56875	3.436346E-02			SPCC (0.1)	
trans-1,4-dichloro-2-butene	0.1082881	4.338307	9.881625	2.936393E-02			20	
trans-decahydronaphthalene	0.5434504	22.56481	10.75943	1.199911E-02		0.995383	0.99	
Trichloroethylene	1.786321	12.59897	5.488	5.788455E-02			SPCC (0.2)	
Trichlorofluoromethane	4.019776	15.90397	2.212	1.841612E-02			SPCC (0.1)	
Vinyl acetate	0.2775405	9.944218	4.03475	0.1120926			20	
Vinyl Chloride	3.89569	17.67811	1.683	2.189508E-02			SPCC (0.1)	
Xylenes, Total	5.917003	12.94523	7.5693	35.13643			20	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: ALS Environmental - StratfordSDG: 26B1152Client: Hydro Tech EnvironmentalProject: 230051-170 Freeman Rd Brooklyn NYCalibration: SB60019Instrument: VOA No. 10Calibration Date: 02/09/26 00:33

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1,1,2-Tetrachloroethane	0.6241812	13.34898	8.596	3.599615E-02			20	
1,1,1-Trichloroethane	2.159742	9.226305	4.94925	8.938556E-02			SPCC (0.1)	
1,1,2,2-Tetrachloroethane	0.3618548	10.10165	9.98975	2.414905E-02			SPCC (0.3)	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.493357	11.69718	2.914	0.4117767			SPCC (0.1)	
1,1,2-Trichloroethane	0.4507568	10.67417	7.6155	3.958151E-02			SPCC (0.1)	
1,1-Dichloroethane	2.821678	11.27796	4.08275	0.178698			SPCC (0.2)	
1,1-Dichloroethylene	2.575225	7.763249	2.887375	0.3309054			SPCC (0.1)	
1,1-Dichloropropylene	2.214324	7.443053	5.05175	0.1172861			20	
1,2,3-Trichlorobenzene	0.1600438	15.39186	13.796	2.671474E-02			20	
1,2,3-Trichloropropane	0.1115565	11.90584	10.1365	2.845933E-02			20	
1,2,3-Trimethylbenzene	2.233789	8.020737	11.03025	6.576669E-03			20	
1,2,4,5-Tetramethylbenzene	1.323713	12.29749	12.159	0.0144131			20	
1,2,4-Trichlorobenzene	0.1600438	15.39186	13.796	2.671474E-02			SPCC (0.2)	
1,2,4-Trimethylbenzene	2.420089	10.21349	10.544	1.718622E-02			20	
1,2-Dibromo-3-chloropropane	3.677817E-02	20.1259	12.39529	3.171081E-02		0.9967658	SPCC (0.05)	
1,2-Dibromoethane	0.3697524	16.15685	8.02	0.0241772			SPCC (0.1)	
1,2-Dichlorobenzene	0.9281686	9.969931	11.47525	2.919905E-02			SPCC (0.4)	
1,2-Dichloroethane	1.594911	13.10152	5.444	5.884626E-02			SPCC (0.1)	
1,2-Dichloropropane	0.8402978	10.67359	6.230125	5.554294E-02			SPCC (0.1)	
1,3,5-Trimethylbenzene	2.559851	9.615271	10.11775	2.420873E-02			20	
1,3-Dichlorobenzene	1.151796	9.472603	10.903	1.379772E-02			SPCC (0.6)	
1,3-Dichloropropane	0.8324752	11.05524	7.8785	2.872963E-02			20	
1,4-Dichlorobenzene	1.142387	9.866848	11.00175	2.021344E-02			SPCC (0.5)	
1,4-Dioxane	3.396958E-03	12.82967	6.463	0.0643491			20	
2,2-Dichloropropane	1.494371	37.92811	4.628286	0.1234095			20	*
2-Butanone	0.1631788	11.66346	5.0395	0.2217492			SPCC (0.1)	
2-Chloroethylvinyl ether	1.812252E-03	165.6937	2.5455	138.0131			20	*
2-Chlorotoluene	2.504866	9.303198	10.0755	2.498664E-02			20	
2-Hexanone	0.2111022	17.33124	8.227	5.462452E-03			SPCC (0.1)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: ALS Environmental - StratfordSDG: 26B1152Client: Hydro Tech EnvironmentalProject: 230051-170 Freeman Rd Brooklyn NYCalibration: SB60019Instrument: VOA No. 10Calibration Date: 02/09/26 00:33

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
2-Nitropropane	0.1529684	37.16671	6.8872	4.154377E-02			20	*
4-Chlorotoluene	2.25645	9.099862	10.257	1.195584E-02			20	
4-Methyl-2-pentanone	0.3146016	11.04636	7.4205	3.682029E-02			SPCC (0.1)	
Acetone	0.1537797	30.21201	3.455	0.2294041		0.9897307	SPCC (0.1)	*
Acrolein	0.2444762	59.19495	3.1969	0.1746602		0.998486	0.99	
Acrylonitrile	0.2269543	11.99336	4.1354	0.1057407			20	
Allyl chloride	2.184523	36.87921	3.310875	0.2931674		0.9880278	0.99	*
Benzene	7.01845	7.476934	5.267	6.137562E-02			SPCC (0.5)	
Bromobenzene	1.322835	9.948743	9.879	5.539605E-03			20	
Bromochloromethane	1.020741	13.30058	4.717875	0.1230544			20	
Bromodichloromethane	0.8759557	11.73073	6.28575	4.624822E-02			SPCC (0.2)	
Bromoform	0.2036773	16.91841	9.2285	3.184973E-02			SPCC (0.1)	
Bromomethane	0.576815	49.8069	2.1685	0.2456955		0.9925261	SPCC (0.1)	
Carbon disulfide	5.174602	5.632163	2.92375	0.202449			SPCC (0.1)	
Carbon tetrachloride	1.57108	16.05006	4.889125	0.1503884			SPCC (0.1)	
Chlorobenzene	2.289182	9.0032	8.53275	1.134995E-02			SPCC (0.5)	
Chlorodifluoromethane (Freon 22)	0.2545278	18.88223	1.62725	0.3072417			20	
Chloroethane	0.9718251	5.712445	2.29575	0.3542425			SPCC (0.1)	
Chloroform	2.713054	9.82682	4.771625	0.1147096			SPCC (0.2)	
Chloromethane	1.975661	11.92135	1.77625	0.3803222			SPCC (0.1)	
cis-1,2-Dichloroethylene	2.328395	11.93523	4.5435	0.1176156			SPCC (0.1)	
cis-1,3-Dichloropropylene	1.044018	16.80818	6.85275	4.457618E-02			SPCC (0.2)	
cis-decahydronaphthalene	0.2131906	10.21199	11.688	3.245216E-02			20	
Cyclohexane	2.725265	12.49764	4.709875	0.1097948			SPCC (0.1)	
Dibromochloromethane	0.4541618	14.8494	7.788	1.234248E-02			SPCC (0.1)	
Dibromomethane	0.2879384	10.45555	6.145	5.290016E-02			20	
Dichlorodifluoromethane	1.236408	23.37003	1.584	0.4047482		0.9994551	SPCC (0.1)	
Diisopropyl ether (DIPE)	4.873051	8.781317	3.952375	0.174589			20	
Ethanol	1.444606E-02	33.49467	2.833375	0.488783		0.9918763	0.99	
Ethyl Benzene	4.219577	8.628706	8.556	6.746017E-03			SPCC (0.1)	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: ALS Environmental - StratfordSDG: 26B1152Client: Hydro Tech EnvironmentalProject: 230051-170 Freeman Rd Brooklyn NYCalibration: SB60019Instrument: VOA No. 10Calibration Date: 02/09/26 00:33

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Ethyl Ether	1.120639	9.84572	2.6845	0.5386176			20	
Ethyl Methacrylate	0.5681026	9.566165	7.599	4.089924E-03			20	
Ethyl tert-butyl ether (ETBE)	3.459914	18.69898	4.265	0.1317024			20	
Freon 115	0.1359486	18.20964	1.453	0.3298634			20	
Freon 123	2.464611	8.563631	2.932875	0.3306816			20	
Freon 152a	0.6521103	19.6238	1.5945	0.3331523			20	
Freon 22	0.2545278	18.88223	1.62725	0.3072417			20	
Hexachlorobutadiene	0.1187777	20.98283	13.159	1.806042E-02		0.9976049	0.99	
Hexachloroethane	0.2686341	21.98101	11.44075	4.029999E-02		0.9993833	0.99	
Iodomethane	0.7203754	78.96694	3.0342	0.257842		0.9968717	0.99	
Isopropylbenzene	3.551123	9.252444	9.467	3.567926E-02			SPCC (0.1)	
Limonene	0.5676449	16.67151	10.62825	9.291596E-03			20	
Methyl acetate	0.134068	26.02892	3.618	0.1813564		0.9918204	SPCC (0.1)	
Methyl Methacrylate	0.278733	11.10015	6.41	4.749966E-02			20	
Methyl tert-butyl ether (MTBE)	2.90759	26.10805	3.622	0.2258023		0.9909776	SPCC (0.1)	
Methylcyclohexane	1.374501	15.44687	5.761	0.0551125			SPCC (0.1)	
Methylene chloride	2.93838	45.40185	3.423	0.2093465		0.9995297	SPCC (0.1)	
Naphthalene	0.5121273	14.78775	13.57575	1.967158E-02			20	
n-butyl acetate	0.5388843	11.27464	8.128625	2.559569E-02			20	
n-Butylbenzene	2.165304	12.44557	11.29338	8.177089E-03			20	
n-Decane	0.298668	12.46739	9.879	5.676406E-03			20	
n-Hexane	3.210976	28.40301	3.606	0.2351787		0.9850331	0.99	*
Nitrobenzene	5.236323E-03	35.17346	13.05871	2.366108E-02		0.999282	0.99	
n-Nonane	0.415426	14.63526	8.445333	2.325127E-02			20	
n-octane	0.4226141	13.18382	6.887	4.091585E-02			20	
n-Propylbenzene	4.0391	8.514994	9.908875	2.552314E-02			20	
n-undecane	0.1008999	20.10123	11.197	2.093845E-02		0.9996423	0.99	
o-Xylene	3.00423	8.95294	9.141375	1.402307E-02			SPCC (0.3)	
p- & m- Xylenes	3.180608	9.570259	8.702375	1.518076E-02			SPCC (0.1)	
p-Diethylbenzene	0.9870318	10.06591	11.23238	1.386385E-02			20	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: ALS Environmental - StratfordSDG: 26B1152Client: Hydro Tech EnvironmentalProject: 230051-170 Freeman Rd Brooklyn NYCalibration: SB60019Instrument: VOA No. 10Calibration Date: 02/09/26 00:33

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
p-Ethyltoluene	3.24424	9.307663	10.02537	6.107435E-03			20	
p-Isopropyltoluene	2.301554	9.950952	10.82325	1.365763E-02			20	
sec-Butylbenzene	2.922402	9.614826	10.66013	1.851492E-02			20	
Styrene	2.155337	11.63189	9.1975	3.496035E-02			SPCC (0.3)	
SURR: 1,2-Dichloroethane-d4	1.748491	9.955443	5.3848	8.664183E-02			20	
SURR: p-Bromofluorobenzene	1.312206	2.448133	9.7691	1.829719E-02			20	
SURR: Toluene-d8	4.431352	4.686748	7.026	1.578909E-02			20	
tert-Amyl alcohol (TAA)	2.856384E-02	31.88769	5.52225	9.995082E-02			20	*
tert-Amyl methyl ether (TAME)	2.403521	30.51515	5.350875	0.0845702			20	*
tert-Butyl alcohol (TBA)	2.975413E-02	57.41925	3.702167	0.2246029			20	*
tert-Butylbenzene	2.354514	9.372442	10.464	1.420271E-02			20	
Tetrachloroethylene	1.050971	5.545028	7.4335	2.672552E-02			SPCC (0.2)	
Tetrahydrofuran	7.483066E-02	12.16653	4.9114	9.347603E-02			20	
Toluene	3.926844	8.296278	7.07425	2.873184E-02			SPCC (0.4)	
trans-1,2-Dichloroethylene	2.823878	7.219725	3.54275	0.2705881			SPCC (0.1)	
trans-1,3-Dichloropropylene	0.7502192	21.20243	7.459	1.905387E-02		0.9965579	SPCC (0.1)	
trans-1,4-dichloro-2-butene	6.888728E-02	33.53107	10.17875	1.341233E-02		0.9917618	0.99	
trans-decahydronaphthalene	0.2997974	12.10632	11.068	1.556278E-02			20	
Trichloroethylene	0.923228	8.46575	5.767	5.381733E-02			SPCC (0.2)	
Trichlorofluoromethane	2.041884	13.29905	2.4185	0.3443442			SPCC (0.1)	
Vinyl acetate	0.176729	12.83845	4.28375	0.1577305			20	
Vinyl Chloride	1.830618	13.69009	1.852571	0.3672671			SPCC (0.1)	
Xylenes, Total	3.121816	9.297435	8.702375	1.518076E-02			20	

Data Path : C:\msdchem\1\data\VOA7-02-09-26\
 Data File : V7-55265.D
 InstName : MSVOA7
 Acq On : 9 Feb 2026 12:28 pm
 Operator : THD
 Sample : SEQ-CAL1
 Misc : 8260
 ALS Vial : 3 Sample Multiplier: 1

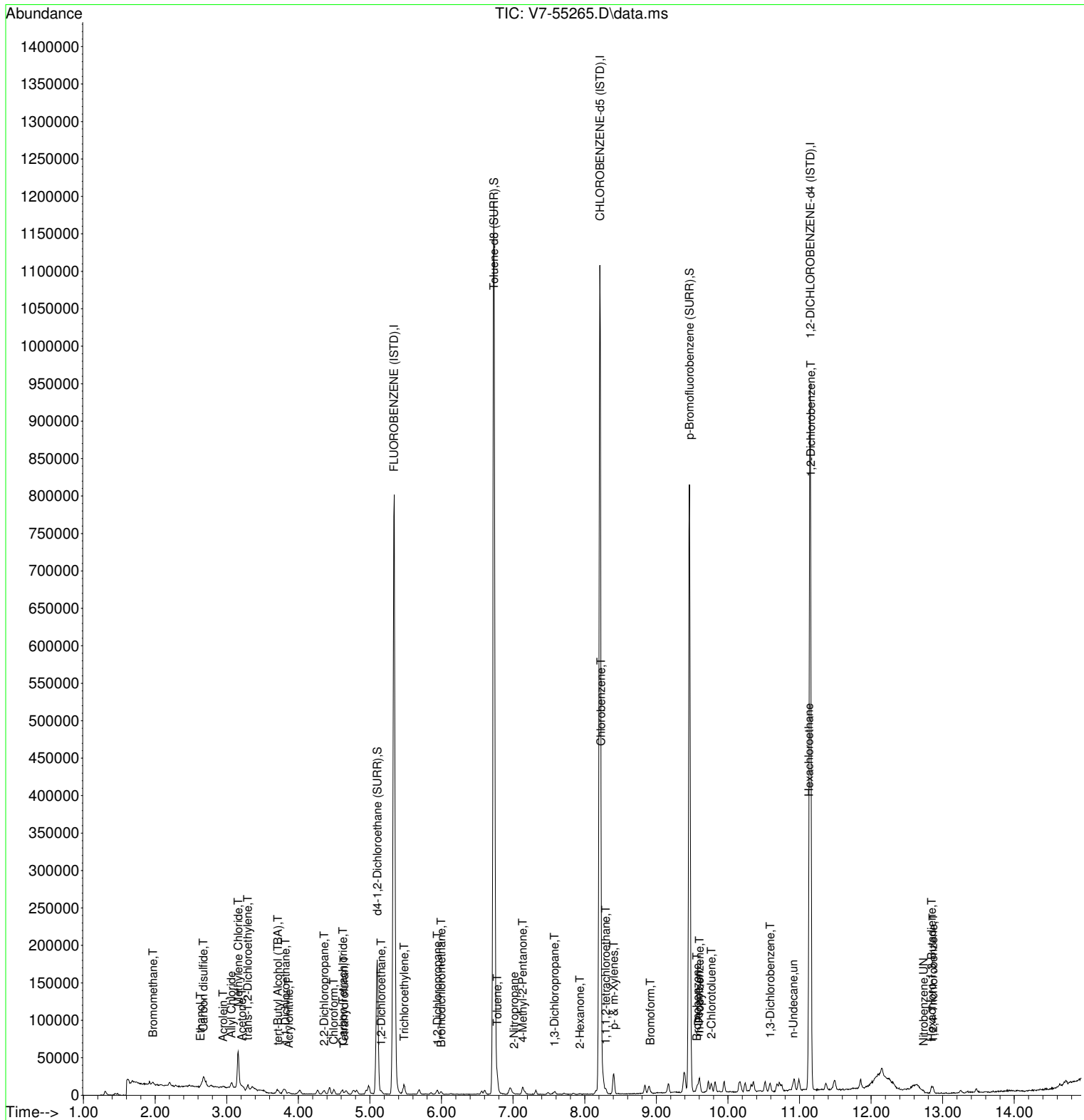
Quant Time: Feb 10 10:14:49 2026
 Quant Method : C:\msdchem\1\methods\Calibration\V7-8260D-R020926.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Tue Feb 10 10:14:07 2026
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) FLUOROBENZENE (ISTD)	5.333	50	78113	10.00	ppb	-0.01
48) CHLOROBENZENE-d5 (ISTD)	8.211	54	133869	10.00	ppb	0.00
80) 1,2-DICHLOROBENZENE-d4...	11.149	152	277291	10.00	ppb	0.00
System Monitoring Compounds						
42) d4-1,2-Dichloroethane ...	5.102	65	126869	9.99	ppb	0.00
Spiked Amount 10.000	Range 69 - 130		Recovery =	99.90%		
60) Toluene-d8 (SURR)	6.732	98	855009	11.50	ppb	0.00
Spiked Amount 10.000	Range 81 - 117		Recovery =	115.00%		
82) p-Bromofluorobenzene (...)	9.464	95	289468	10.98	ppb	0.00
Spiked Amount 10.000	Range 79 - 122		Recovery =	109.80%		
Target Compounds						
					Qvalue	
9) Bromomethane	1.969	94	2250	0.12	ppb	98
13) Ethanol	2.632	45	377	14.01	ppb	# 67
17) Acrolein	2.948	56	1295	0.75	ppb	# 64
18) Acetone	3.210	58	595	2.86	ppb	# 23
20) Carbon disulfide	2.674	76	12934	0.15	ppb	# 91
21) Allyl Chloride	3.064	41	4703	0.11	ppb	96
23) tert-Butyl Alcohol (TBA)	3.715	59	632	0.40	ppb	# 23
24) Methylene Chloride	3.161	49	28863	0.90	ppb	96
25) Acrylonitrile	3.867	53	1316	0.43	ppb	86
26) trans-1,2-Dichloroethy...	3.295	61	3866	0.10	ppb	91
29) 1,1-Dichloroethane	3.818	63	4834	0.11	ppb	# 96
35) 2,2-Dichloropropane	4.360	77	3262	0.11	ppb	93
36) Tetrahydrofuran	4.639	71	145	0.15	ppb	# 1
38) Chloroform	4.493	83	4693	0.11	ppb	99
43) Carbon Tetrachloride	4.621	117	3167	0.10	ppb	96
45) 1,2-Dichloroethane	5.157	62	2681	0.12	ppb	# 93
49) Trichloroethylene	5.479	95	3174	0.12	ppb	84
53) Bromodichloromethane	5.996	83	2712	0.10	ppb	# 86
54) 1,2-Dichloropropane	5.941	63	2326	0.10	ppb	96
56) 2-Nitropropane	7.012	43	1209	0.49	ppb	# 22
59) 4-Methyl-2-Pentanone	7.134	43	452	0.34	ppb	# 46
61) Toluene	6.775	91	12433	0.12	ppb	96
66) 1,3-Dichloropropane	7.578	76	2263	0.10	ppb	# 74
68) 2-Hexanone	7.931	43	533	0.58	ppb	# 31
72) Chlorobenzene	8.229	112	6938	0.10	ppb	# 1
73) 1,1,1,2-tetrachloroethane	8.296	131	2272	0.11	ppb	# 44
76) p- & m-Xylenes	8.405	91	16952	0.19	ppb	94
79) Bromoform	8.916	173	1107	0.14	ppb	96
84) Bromobenzene	9.567	77	4779	0.12	ppb	94
87) n-Propylbenzene	9.604	91	13110	0.10	ppb	96
88) n-Decane	9.591	57	2632	0.12	ppb	95
91) 2-Chlorotoluene	9.768	91	8665	0.12	ppb	93
97) 1,3-Dichlorobenzene	10.589	146	4871	0.10	ppb	96
103) 1,2-Dichlorobenzene	11.155	146	4210	0.10	ppb	# 24
105) Hexachloroethane	11.131	119	2139	0.13	ppb	# 1
106) n-Undecane	10.912	71	1138	0.10	ppb	# 61
110) Nitrobenzene	12.731	77	745	1.52	ppb	# 61
111) 1,2,4-Trichlorobenzene	12.864	180	2806	0.11	ppb	84
112) Hexachloro-1,3-Butadiene	12.846	225	2159	0.15	ppb	86

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\VOA7-02-09-26\
Data File : V7-55265.D
InstName : MSVOA7
Acq On : 9 Feb 2026 12:28 pm
Operator : THD
Sample : SEQ-CAL1
Misc : 8260
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 10 10:14:49 2026
Quant Method : C:\msdchem\1\methods\Calibration\V7-8260D-R020926.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Tue Feb 10 10:14:07 2026
Response via : Initial Calibration



Data Path : C:\msdchem\1\data\VOA7-02-09-26\
 Data File : V7-55266.D
 InstName : MSVOA7
 Acq On : 9 Feb 2026 12:57 pm
 Operator : THD
 Sample : SEQ-CAL2
 Misc : 8260
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 10 10:14:53 2026
 Quant Method : C:\msdchem\1\methods\Calibration\V7-8260D-R020926.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Tue Feb 10 10:14:07 2026
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) FLUOROBENZENE (ISTD)	5.339	50	78726	10.00	ppb	0.00
48) CHLOROBENZENE-d5 (ISTD)	8.216	54	141780	10.00	ppb	0.00
80) 1,2-DICHLOROBENZENE-d4...	11.149	152	317311	10.00	ppb	0.00

System Monitoring Compounds						
42) d4-1,2-Dichloroethane ...	5.108	65	142474	11.14	ppb	0.00
Spiked Amount 10.000	Range	69 - 130	Recovery	=	111.40%	
60) Toluene-d8 (SURR)	6.732	98	874401	11.10	ppb	0.00
Spiked Amount 10.000	Range	81 - 117	Recovery	=	111.00%	
82) p-Bromofluorobenzene (...)	9.464	95	316909	10.51	ppb	0.00
Spiked Amount 10.000	Range	79 - 122	Recovery	=	105.10%	

Target Compounds						Qvalue
3) Freon 152a	1.451	65	1570	0.12	ppb	# 1
7) Chloromethane	1.622	50	6652	0.19	ppb	99
8) Vinyl Chloride	1.677	62	5065	0.15	ppb	96
9) Bromomethane	1.969	94	4870	0.27	ppb	94
10) Chloroethane	2.084	64	3236	0.20	ppb	97
11) Trichlorofluoromethane	2.212	101	5837	0.16	ppb	98
12) Ethyl Ether	2.480	59	3626	0.25	ppb	# 90
13) Ethanol	2.626	45	429	15.82	ppb	# 1
14) Freon 123	2.705	83	7222	0.19	ppb	98
15) 1,1-Dichloroethylene	2.656	61	7742	0.20	ppb	95
16) Freon 113	2.693	101	4115	0.17	ppb	97
17) Acrolein	2.954	56	3016	1.72	ppb	87
18) Acetone	3.204	58	630	3.00	ppb	# 1
19) Iodomethane	2.784	142	4203	0.13	ppb	91
20) Carbon disulfide	2.680	76	20884	0.23	ppb	97
21) Allyl Chloride	3.070	41	10550	0.25	ppb	98
22) Methyl Acetate	3.313	74	379	0.24	ppb	# 1
23) tert-Butyl Alcohol (TBA)	3.715	59	2111	1.32	ppb	# 39
24) Methylene Chloride	3.167	49	34537	1.07	ppb	97
25) Acrylonitrile	3.873	53	3985	1.29	ppb	93
26) trans-1,2-Dichloroethy...	3.301	61	9990	0.26	ppb	99
27) tert-Butyl Methyl Ethe...	3.392	73	12087	0.28	ppb	# 69
28) n-hexane	3.362	57	9530	0.21	ppb	89
29) 1,1-Dichloroethane	3.824	63	12187	0.26	ppb	99
30) Vinyl Acetate	4.025	86	416	0.19	ppb	30
31) Diisopropyl ether (DIPE)	3.715	45	17123	0.25	ppb	99
32) Ethyl-tert-Butyl ether...	4.019	59	12635	0.23	ppb	94
33) cis-1,2-Dichloroethylene	4.274	61	8274	0.25	ppb	97
34) 2-Butanone	4.767	72	440	0.96	ppb	# 26
35) 2,2-Dichloropropane	4.365	77	7583	0.24	ppb	90
36) Tetrahydrofuran	4.645	71	1152	1.18	ppb	91
37) Bromochloromethane	4.439	49	4241	0.28	ppb	94
38) Chloroform	4.505	83	12428	0.29	ppb	97
39) 1,1,1-Trichloroethane	4.676	97	8722	0.23	ppb	95
40) Cyclohexane	4.432	56	6645	0.16	ppb	92
41) 1,1-Dichloropropylene	4.779	75	7380	0.21	ppb	92
43) Carbon Tetrachloride	4.615	117	6662	0.22	ppb	97
44) tert-Amyl alcohol (TAA)	5.254	59	312	0.90	ppb	# 43
45) 1,2-Dichloroethane	5.169	62	6481	0.29	ppb	89
46) Benzene	4.986	78	25999	0.24	ppb	96
47) tert-Amyl methyl ether...	5.089	73	9126	0.21	ppb	# 86
49) Trichloroethylene	5.485	95	7356	0.27	ppb	93
50) Methyl Cyclohexane	5.473	83	6904	0.16	ppb	92

Data Path : C:\msdchem\1\data\VOA7-02-09-26\
 Data File : V7-55266.D
 InstName : MSVOA7
 Acq On : 9 Feb 2026 12:57 pm
 Operator : THD
 Sample : SEQ-CAL2
 Misc : 8260
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 10 10:14:53 2026
 Quant Method : C:\msdchem\1\methods\Calibration\V7-8260D-R020926.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Tue Feb 10 10:14:07 2026
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
51) Methyl Methacrylate	6.136	69	1615	0.25	ppb	97
52) Dibromomethane	5.856	93	2505	0.27	ppb	97
53) Bromodichloromethane	6.002	83	7736	0.27	ppb	94
54) 1,2-Dichloropropane	5.947	63	6621	0.27	ppb	97
56) 2-Nitropropane	7.000	43	3367	1.30	ppb	87
57) 2-Chloroethyl vinyl ether	6.513	63	1566	0.22	ppb	87
58) cis-1,3-Dichloropropene	6.562	75	7830	0.24	ppb	96
59) 4-Methyl-2-Pentanone	7.140	43	1898	1.34	ppb	# 84
61) Toluene	6.781	91	31055	0.27	ppb	99
62) n-Octane	6.610	85	2520	0.14	ppb	# 83
63) Ethyl Methacrylate	7.316	69	2858	0.20	ppb	87
64) trans-1,3-Dichloropropene	6.562	75	7830	0.24	ppb	99
65) 1,1,2-Trichloroethane	7.322	97	3930	0.28	ppb	94
66) 1,3-Dichloropropane	7.578	76	6442	0.27	ppb	93
67) Tetrachloroethylene	7.140	166	6921	0.23	ppb	98
68) 2-Hexanone	7.943	43	1399	1.45	ppb	# 69
69) n-Butyl Actetate	7.845	43	2855	0.24	ppb	# 96
70) Dibromochloromethane	7.486	129	4482	0.27	ppb	97
71) 1,2-Dibromoethane	7.718	107	3180	0.26	ppb	86
72) Chlorobenzene	8.235	112	20268	0.28	ppb	# 41
73) 1,1,1,2-tetrachloroethane	8.295	131	6083	0.28	ppb	# 72
74) n-Nonane	8.168	57	4527	0.19	ppb	# 93
75) Ethyl Benzene	8.259	91	32793	0.26	ppb	96
76) p- & m-Xylenes	8.405	91	43211	0.45	ppb	99
77) o-Xylene	8.843	91	20841	0.22	ppb	99
78) Styrene	8.898	104	15195	0.21	ppb	97
79) Bromoform	8.922	173	2616	0.31	ppb	98
81) Isopropylbenzene	9.172	105	23963	0.20	ppb	98
83) 1,1,2,2-Tetrachloroethane	9.689	83	3910	0.28	ppb	91
84) Bromobenzene	9.573	77	13200	0.28	ppb	97
85) trans-1,4-Dichloro-2-b...	9.877	53	859	0.26	ppb	87
86) 1,2,3-Trichloropropane	9.835	110	1037	0.26	ppb	95
87) n-Propylbenzene	9.610	91	32715	0.22	ppb	99
88) n-Decane	9.591	57	5758	0.22	ppb	97
89) p-Ethyltoluene	9.731	105	27301	0.22	ppb	99
90) 1,3,5-Trimethylbenzene	9.822	105	21953	0.21	ppb	96
91) 2-Chlorotoluene	9.774	91	20049	0.24	ppb	99
92) 4-Chlorotoluene	9.950	91	20948	0.25	ppb	98
93) tert-Butylbenzene	10.169	119	19570	0.20	ppb	99
94) 1,2,4-Trimethylbenzene	10.242	105	21253	0.20	ppb	99
95) sec-Butylbenzene	10.364	105	25792	0.19	ppb	95
96) Limonene	10.333	68	4839	0.15	ppb	91
97) 1,3-Dichlorobenzene	10.589	146	13597	0.24	ppb	98
98) p-Isopropyltoluene	10.528	119	20628	0.18	ppb	98
99) 1,4-Dichlorobenzene	10.692	146	13649	0.26	ppb	96
100) 1,2,3-Trimethylbenzene	10.723	105	20021	0.20	ppb	96
101) p-Diethylbenzene	10.930	105	10869	0.19	ppb	99
102) trans-Decahydronapthalene	10.753	138	3598	0.17	ppb	# 87
103) 1,2-Dichlorobenzene	11.161	146	12884	0.28	ppb	# 78
104) n-Butylbenzene	10.991	91	26204	0.21	ppb	95
105) Hexachloroethane	11.130	119	4426	0.23	ppb	# 1
106) n-Undecane	10.911	71	2422	0.19	ppb	92
107) cis-Decahydronapthalene	11.374	138	3088	0.19	ppb	# 96
108) 1,2-Dibromo-3-chloropr...	12.092	75	435	0.22	ppb	77
109) 1,2,4,5-Tetramethylben...	11.854	119	18478	0.19	ppb	99
110) Nitrobenzene	12.730	77	1770	3.15	ppb	87
111) 1,2,4-Trichlorobenzene	12.870	180	7734	0.25	ppb	96

Data Path : C:\msdchem\1\data\VOA7-02-09-26\
 Data File : V7-55266.D
 InstName : MSVOA7
 Acq On : 9 Feb 2026 12:57 pm
 Operator : THD
 Sample : SEQ-CAL2
 Misc : 8260
 ALS Vial : 4 Sample Multiplier: 1

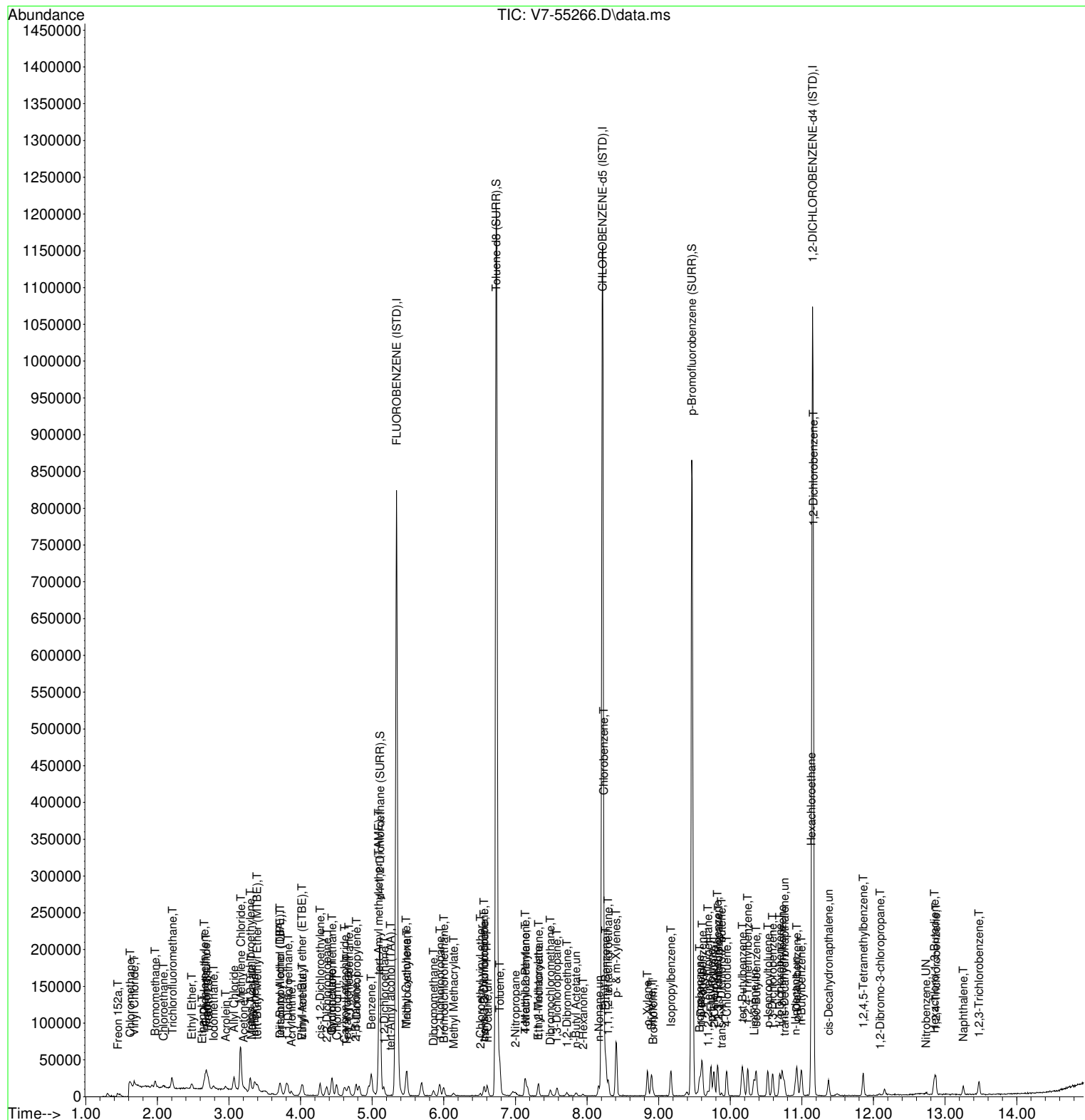
Quant Time: Feb 10 10:14:53 2026
 Quant Method : C:\msdchem\1\methods\Calibration\V7-8260D-R020926.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Tue Feb 10 10:14:07 2026
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
112) Hexachloro-1,3-Butadiene	12.852	225	4004	0.24	ppb	94
113) Naphthalene	13.254	128	9130	0.21	ppb	98
114) 1,2,3-Trichlorobenzene	13.473	180	5833	0.24	ppb	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\VOA7-02-09-26\
Data File : V7-55266.D
InstName : MSVOA7
Acq On : 9 Feb 2026 12:57 pm
Operator : THD
Sample : SEQ-CAL2
Misc : 8260
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 10 10:14:53 2026
Quant Method : C:\msdchem\1\methods\Calibration\V7-8260D-R020926.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Tue Feb 10 10:14:07 2026
Response via : Initial Calibration



Data Path : C:\msdchem\1\data\VOA7-02-09-26\
 Data File : V7-55267.D
 InstName : MSVOA7
 Acq On : 9 Feb 2026 1:26 pm
 Operator : THD
 Sample : SEQ-CAL3
 Misc : 8260
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 11 19:00:15 2026

Quant Method : C:\msdchem\1\methods\Calibration\V7-8260D-R020926.M

Quant Title : Volatile Organics EPA 8260D & 624.1

QLast Update : Tue Feb 10 10:14:07 2026

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) FLUOROBENZENE (ISTD)	5.339	50	79819	10.00	ppb	0.00
48) CHLOROBENZENE-d5 (ISTD)	8.216	54	140991	10.00	ppb	0.00
80) 1,2-DICHLOROBENZENE-d4...	11.149	152	318450	10.00	ppb	0.00
System Monitoring Compounds						
42) d4-1,2-Dichloroethane ...	5.108	65	144133	11.11	ppb	0.00
Spiked Amount 10.000	Range 69 - 130		Recovery	=	111.10%	
60) Toluene-d8 (SURR)	6.738	98	872045	11.13	ppb	0.00
Spiked Amount 10.000	Range 81 - 117		Recovery	=	111.30%	
82) p-Bromofluorobenzene (...)	9.464	95	316580	10.46	ppb	0.00
Spiked Amount 10.000	Range 79 - 122		Recovery	=	104.60%	
Target Compounds						
					Qvalue	
3) Freon 152a	1.457	65	2836	0.22	ppb	# 1
4) Dichlorodifluoromethane	1.439	85	4128	0.16	ppb	96
5) Freon 22	1.480	51	8239	0.16	ppb	# 78
6) Chlorodifluoromethane ...	1.480	51	8239	0.16	ppb	# 78
7) Chloromethane	1.616	50	10894	0.31	ppb	100
8) Vinyl Chloride	1.683	62	9356	0.27	ppb	96
9) Bromomethane	1.969	94	9390	0.51	ppb	98
10) Chloroethane	2.084	64	5724	0.36	ppb	96
11) Trichlorofluoromethane	2.212	101	10949	0.30	ppb	99
12) Ethyl Ether	2.486	59	7392	0.50	ppb	# 88
13) Ethanol	2.638	45	736	26.76	ppb	# 32
14) Freon 123	2.711	83	13858	0.37	ppb	95
15) 1,1-Dichloroethylene	2.656	61	14454	0.38	ppb	97
16) Freon 113	2.693	101	8027	0.33	ppb	96
17) Acrolein	2.954	56	5113	2.88	ppb	89
18) Acetone	3.216	58	834	3.92	ppb	# 3
19) Iodomethane	2.790	142	7204	0.22	ppb	98
20) Carbon disulfide	2.680	76	36986	0.41	ppb	99
21) Allyl Chloride	3.070	41	18888	0.44	ppb	95
22) Methyl Acetate	3.319	74	765	0.48	ppb	# 25
23) tert-Butyl Alcohol (TBA)	3.721	59	3913	2.42	ppb	# 74
24) Methylene Chloride	3.161	49	43955	1.35	ppb	97
25) Acrylonitrile	3.873	53	7174	2.29	ppb	90
26) trans-1,2-Dichloroethy...	3.295	61	18547	0.47	ppb	98
27) tert-Butyl Methyl Ethe...	3.398	73	21517	0.49	ppb	79
28) n-hexane	3.362	57	16989	0.36	ppb	91
29) 1,1-Dichloroethane	3.824	63	22213	0.47	ppb	100
30) Vinyl Acetate	4.025	86	882	0.39	ppb	72
31) Diisopropyl ether (DIPE)	3.715	45	32204	0.47	ppb	99
32) Ethyl-tert-Butyl ether...	4.025	59	24028	0.44	ppb	97
33) cis-1,2-Dichloroethylene	4.274	61	16240	0.48	ppb	98
34) 2-Butanone	4.779	72	893	1.92	ppb	69
35) 2,2-Dichloropropane	4.359	77	14706	0.47	ppb	94
36) Tetrahydrofuran	4.645	71	2178	2.19	ppb	94
37) Bromochloromethane	4.445	49	8223	0.53	ppb	95
38) Chloroform	4.505	83	22376	0.51	ppb	96
39) 1,1,1-Trichloroethane	4.676	97	16071	0.42	ppb	96
40) Cyclohexane	4.439	56	11871	0.28	ppb	92
41) 1,1-Dichloropropylene	4.779	75	14738	0.41	ppb	94
43) Carbon Tetrachloride	4.615	117	12590	0.40	ppb	98
44) tert-Amyl alcohol (TAA)	5.254	59	851	2.43	ppb	# 73
45) 1,2-Dichloroethane	5.169	62	11886	0.53	ppb	94
46) Benzene	4.992	78	50986	0.46	ppb	100

Data Path : C:\msdchem\1\data\VOA7-02-09-26\
 Data File : V7-55267.D
 InstName : MSVOA7
 Acq On : 9 Feb 2026 1:26 pm
 Operator : THD
 Sample : SEQ-CAL3
 Misc : 8260
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 11 19:00:15 2026

Quant Method : C:\msdchem\1\methods\Calibration\V7-8260D-R020926.M

Quant Title : Volatile Organics EPA 8260D & 624.1

QLast Update : Tue Feb 10 10:14:07 2026

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
47) tert-Amyl methyl ether...	5.083	73	18099	0.41	ppb	90
49) Trichloroethylene	5.485	95	13632	0.49	ppb	99
50) Methyl Cyclohexane	5.479	83	13433	0.32	ppb	94
51) Methyl Methacrylate	6.142	69	2818	0.44	ppb	92
52) Dibromomethane	5.856	93	4744	0.51	ppb	97
53) Bromodichloromethane	6.002	83	14610	0.51	ppb	98
54) 1,2-Dichloropropane	5.947	63	12340	0.51	ppb	96
55) 1,4-Dioxane	6.185	88	73m	2.81	ppb	
56) 2-Nitropropane	7.006	43	6128	2.37	ppb	91
57) 2-Chloroethyl vinyl ether	6.513	63	2542	0.36	ppb	99
58) cis-1,3-Dichloropropene	6.568	75	15056	0.47	ppb	97
59) 4-Methyl-2-Pentanone	7.140	43	3324	2.36	ppb	92
61) Toluene	6.781	91	58726	0.52	ppb	98
62) n-Octane	6.610	85	4573	0.26	ppb	# 76
63) Ethyl Methacrylate	7.322	69	5341	0.38	ppb	90
64) trans-1,3-Dichloropropene	6.568	75	15056	0.47	ppb	97
65) 1,1,2-Trichloroethane	7.322	97	7426	0.54	ppb	97
66) 1,3-Dichloropropane	7.584	76	12498	0.53	ppb	96
67) Tetrachloroethylene	7.140	166	13134	0.44	ppb	98
68) 2-Hexanone	7.937	43	2030	2.11	ppb	89
69) n-Butyl Actetate	7.845	43	5100	0.43	ppb	# 99
70) Dibromochloromethane	7.493	129	8444	0.51	ppb	97
71) 1,2-Dibromoethane	7.718	107	6209	0.50	ppb	96
72) Chlorobenzene	8.235	112	37367	0.52	ppb	# 69
73) 1,1,1,2-tetrachloroethane	8.302	131	10967	0.51	ppb	# 72
74) n-Nonane	8.168	57	8062	0.33	ppb	97
75) Ethyl Benzene	8.259	91	60005	0.47	ppb	99
76) p- & m-Xylenes	8.411	91	84010	0.88	ppb	99
77) o-Xylene	8.843	91	39857	0.43	ppb	99
78) Styrene	8.904	104	29273	0.41	ppb	100
79) Bromoform	8.922	173	4637	0.55	ppb	97
81) Isopropylbenzene	9.172	105	46642	0.38	ppb	98
83) 1,1,2,2-Tetrachloroethane	9.695	83	7133	0.50	ppb	89
84) Bromobenzene	9.573	77	24173	0.51	ppb	98
85) trans-1,4-Dichloro-2-b...	9.877	53	1760	0.54	ppb	94
86) 1,2,3-Trichloropropane	9.829	110	2060	0.52	ppb	92
87) n-Propylbenzene	9.610	91	65938	0.44	ppb	99
88) n-Decane	9.591	57	9894	0.38	ppb	95
89) p-Ethyltoluene	9.731	105	52746	0.43	ppb	98
90) 1,3,5-Trimethylbenzene	9.823	105	43993	0.43	ppb	99
91) 2-Chlorotoluene	9.774	91	39223	0.47	ppb	100
92) 4-Chlorotoluene	9.950	91	39462	0.46	ppb	100
93) tert-Butylbenzene	10.169	119	38654	0.39	ppb	99
94) 1,2,4-Trimethylbenzene	10.248	105	42043	0.40	ppb	99
95) sec-Butylbenzene	10.364	105	51182	0.38	ppb	96
96) Limonene	10.327	68	10098	0.31	ppb	99
97) 1,3-Dichlorobenzene	10.595	146	26821	0.48	ppb	98
98) p-Isopropyltoluene	10.528	119	42209	0.37	ppb	99
99) 1,4-Dichlorobenzene	10.692	146	25872	0.48	ppb	98
100) 1,2,3-Trimethylbenzene	10.729	105	38723	0.39	ppb	97
101) p-Diethylbenzene	10.930	105	22044	0.39	ppb	99
102) trans-Decahydronapthalene	10.759	138	7218	0.33	ppb	92
103) 1,2-Dichlorobenzene	11.161	146	23248	0.50	ppb	# 85
104) n-Butylbenzene	10.997	91	50370	0.40	ppb	98
105) Hexachloroethane	11.131	119	8234	0.43	ppb	# 1
106) n-Undecane	10.912	71	4397	0.35	ppb	90
107) cis-Decahydronapthalene	11.374	138	5517	0.34	ppb	# 89

Data Path : C:\msdchem\1\data\VOA7-02-09-26\
 Data File : V7-55267.D
 InstName : MSVOA7
 Acq On : 9 Feb 2026 1:26 pm
 Operator : THD
 Sample : SEQ-CAL3
 Misc : 8260
 ALS Vial : 5 Sample Multiplier: 1

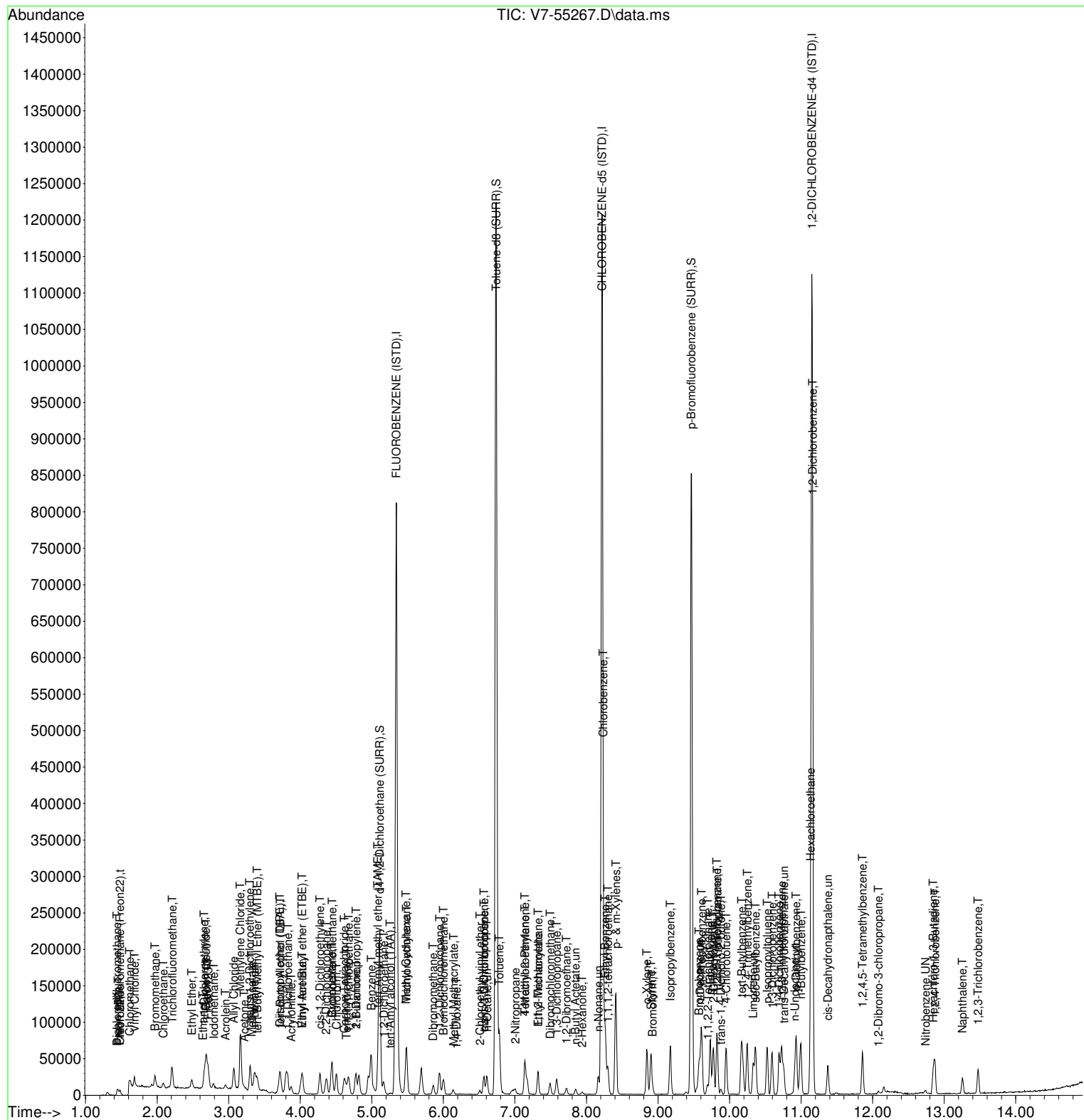
Quant Time: Feb 11 19:00:15 2026
 Quant Method : C:\msdchem\1\methods\Calibration\V7-8260D-R020926.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Tue Feb 10 10:14:07 2026
 Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
108)	1,2-Dibromo-3-chloropr...	12.080	75	820	0.41	ppb	85
109)	1,2,4,5-Tetramethylben...	11.854	119	35239	0.35	ppb	99
110)	Nitrobenzene	12.737	77	2480	4.40	ppb	98
111)	1,2,4-Trichlorobenzene	12.870	180	13721	0.45	ppb	98
112)	Hexachloro-1,3-Butadiene	12.846	225	7249	0.44	ppb	99
113)	Naphthalene	13.254	128	17672	0.40	ppb	99
114)	1,2,3-Trichlorobenzene	13.473	180	10729	0.44	ppb	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\VOA7-02-09-26\
Data File : V7-55267.D
InstName : MSVOA7
Acq On : 9 Feb 2026 1:26 pm
Operator : THD
Sample : SEQ-CAL3
Misc : 8260
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 11 19:00:15 2026
Quant Method : C:\msdchem\1\methods\Calibration\V7-8260D-R020926.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Tue Feb 10 10:14:07 2026
Response via : Initial Calibration



Data Path : C:\msdchem\1\data\VOA7-02-09-26\
 Data File : V7-55268.D
 InstName : MSVOA7
 Acq On : 9 Feb 2026 1:55 pm
 Operator : THD
 Sample : SEQ-CAL4
 Misc : 8260
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 10 10:14:58 2026
 Quant Method : C:\msdchem\1\methods\Calibration\V7-8260D-R020926.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Tue Feb 10 10:14:07 2026
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) FLUOROBENZENE (ISTD)	5.339	50	81208	10.00	ppb	0.00
48) CHLOROBENZENE-d5 (ISTD)	8.217	54	149229	10.00	ppb	0.00
80) 1,2-DICHLOROBENZENE-d4...	11.155	152	334731	10.00	ppb	0.00
System Monitoring Compounds						
42) d4-1,2-Dichloroethane ...	5.108	65	146169	11.08	ppb	0.00
Spiked Amount 10.000	Range 69 - 130		Recovery =	110.80%		
60) Toluene-d8 (SURR)	6.738	98	900182	10.86	ppb	0.00
Spiked Amount 10.000	Range 81 - 117		Recovery =	108.60%		
82) p-Bromofluorobenzene (...)	9.470	95	332282	10.44	ppb	0.00
Spiked Amount 10.000	Range 79 - 122		Recovery =	104.40%		
Target Compounds						
					Qvalue	
2) Freon 115	1.316	85	2977	1.22	ppb	94
3) Freon 152a	1.451	65	14309	1.10	ppb	# 1
4) Dichlorodifluoromethane	1.439	85	23691	0.89	ppb	99
5) Freon 22	1.475	51	35468	0.69	ppb	# 83
6) Chlorodifluoromethane ...	1.475	51	35468	0.69	ppb	# 83
7) Chloromethane	1.616	50	36180	1.02	ppb	99
8) Vinyl Chloride	1.683	62	33527	0.94	ppb	98
9) Bromomethane	1.969	94	23807	1.27	ppb	98
10) Chloroethane	2.084	64	16253	1.00	ppb	98
11) Trichlorofluoromethane	2.212	101	33088	0.88	ppb	99
12) Ethyl Ether	2.486	59	17088	1.14	ppb	# 96
13) Ethanol	2.626	45	1055	37.71	ppb	# 35
14) Freon 123	2.711	83	40058	1.05	ppb	99
15) 1,1-Dichloroethylene	2.656	61	37792	0.97	ppb	99
16) Freon 113	2.693	101	23998	0.98	ppb	99
17) Acrolein	2.954	56	8002	4.44	ppb	94
18) Acetone	3.216	58	1587	7.34	ppb	# 39
19) Iodomethane	2.784	142	20730	0.62	ppb	98
20) Carbon disulfide	2.681	76	101179	1.09	ppb	100
21) Allyl Chloride	3.076	41	48695	1.11	ppb	98
22) Methyl Acetate	3.319	74	1622	0.99	ppb	# 35
23) tert-Butyl Alcohol (TBA)	3.715	59	9072	5.52	ppb	96
24) Methylene Chloride	3.161	49	55840	1.68	ppb	99
25) Acrylonitrile	3.873	53	17464	5.49	ppb	96
26) trans-1,2-Dichloroethy...	3.301	61	40228	1.00	ppb	98
27) tert-Butyl Methyl Ethe...	3.392	73	49657	1.12	ppb	89
28) n-hexane	3.362	57	47544	0.99	ppb	99
29) 1,1-Dichloroethane	3.824	63	46446	0.97	ppb	99
30) Vinyl Acetate	4.037	86	2195	0.95	ppb	74
31) Diisopropyl ether (DIPE)	3.715	45	73360	1.05	ppb	99
32) Ethyl-tert-Butyl ether...	4.019	59	54547	0.98	ppb	99
33) cis-1,2-Dichloroethylene	4.274	61	31431	0.91	ppb	99
34) 2-Butanone	4.767	72	2285	4.82	ppb	78
35) 2,2-Dichloropropane	4.366	77	29216	0.91	ppb	92
36) Tetrahydrofuran	4.639	71	4962	4.91	ppb	94
37) Bromochloromethane	4.439	49	16172	1.02	ppb	93
38) Chloroform	4.506	83	43576	0.98	ppb	99
39) 1,1,1-Trichloroethane	4.676	97	33370	0.87	ppb	96
40) Cyclohexane	4.439	56	37077	0.87	ppb	98
41) 1,1-Dichloropropylene	4.779	75	31815	0.87	ppb	99
43) Carbon Tetrachloride	4.615	117	27740	0.87	ppb	99
44) tert-Amyl alcohol (TAA)	5.254	59	1741	4.89	ppb	# 71
45) 1,2-Dichloroethane	5.163	62	22681	0.99	ppb	96

Data Path : C:\msdchem\1\data\VOA7-02-09-26\
 Data File : V7-55268.D
 InstName : MSVOA7
 Acq On : 9 Feb 2026 1:55 pm
 Operator : THD
 Sample : SEQ-CAL4
 Misc : 8260
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 10 10:14:58 2026
 Quant Method : C:\msdchem\1\methods\Calibration\V7-8260D-R020926.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Tue Feb 10 10:14:07 2026
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
46) Benzene	4.992	78	102637	0.92	ppb	99
47) tert-Amyl methyl ether...	5.090	73	43789	0.97	ppb	92
49) Trichloroethylene	5.485	95	27679	0.95	ppb	97
50) Methyl Cyclohexane	5.479	83	37990	0.86	ppb	94
51) Methyl Methacrylate	6.142	69	6484	0.95	ppb	96
52) Dibromomethane	5.856	93	9565	0.97	ppb	99
53) Bromodichloromethane	6.002	83	28299	0.94	ppb	99
54) 1,2-Dichloropropane	5.947	63	23518	0.93	ppb	98
55) 1,4-Dioxane	6.209	88	718	26.08	ppb	# 54
56) 2-Nitropropane	7.000	43	14256	5.21	ppb	96
57) 2-Chloroethyl vinyl ether	6.507	63	8057	1.06	ppb	95
58) cis-1,3-Dichloropropene	6.568	75	29444	0.87	ppb	97
59) 4-Methyl-2-Pentanone	7.140	43	7815	5.25	ppb	96
61) Toluene	6.787	91	114969	0.96	ppb	100
62) n-Octane	6.611	85	14103	0.77	ppb	89
63) Ethyl Methacrylate	7.322	69	12826	0.87	ppb	95
64) trans-1,3-Dichloropropene	6.568	75	29444	0.87	ppb	99
65) 1,1,2-Trichloroethane	7.322	97	14297	0.98	ppb	98
66) 1,3-Dichloropropane	7.584	76	24405	0.97	ppb	97
67) Tetrachloroethylene	7.140	166	28451	0.91	ppb	99
68) 2-Hexanone	7.943	43	5028	4.94	ppb	92
69) n-Butyl Actetate	7.852	43	11689	0.94	ppb	# 99
70) Dibromochloromethane	7.493	129	16319	0.93	ppb	96
71) 1,2-Dibromoethane	7.718	107	12149	0.93	ppb	99
72) Chlorobenzene	8.235	112	71184	0.94	ppb	# 83
73) 1,1,1,2-tetrachloroethane	8.302	131	20601	0.90	ppb	96
74) n-Nonane	8.168	57	19458	0.76	ppb	98
75) Ethyl Benzene	8.259	91	120321	0.90	ppb	100
76) p- & m-Xylenes	8.411	91	174519	1.73	ppb	99
77) o-Xylene	8.843	91	80956	0.82	ppb	98
78) Styrene	8.904	104	60800	0.80	ppb	98
79) Bromoform	8.922	173	8353	0.94	ppb	98
81) Isopropylbenzene	9.172	105	99421	0.78	ppb	99
83) 1,1,2,2-Tetrachloroethane	9.689	83	14357	0.97	ppb	99
84) Bromobenzene	9.573	77	46417	0.93	ppb	98
85) trans-1,4-Dichloro-2-b...	9.877	53	3901	1.13	ppb	91
86) 1,2,3-Trichloropropane	9.835	110	3660	0.88	ppb	90
87) n-Propylbenzene	9.610	91	137408	0.87	ppb	99
88) n-Decane	9.598	57	23565	0.86	ppb	98
89) p-Ethyltoluene	9.731	105	107228	0.82	ppb	99
90) 1,3,5-Trimethylbenzene	9.823	105	88934	0.82	ppb	98
91) 2-Chlorotoluene	9.774	91	76558	0.87	ppb	99
92) 4-Chlorotoluene	9.950	91	77717	0.86	ppb	100
93) tert-Butylbenzene	10.169	119	81041	0.79	ppb	99
94) 1,2,4-Trimethylbenzene	10.248	105	86248	0.78	ppb	99
95) sec-Butylbenzene	10.364	105	115581	0.81	ppb	98
96) Limonene	10.334	68	26029	0.76	ppb	97
97) 1,3-Dichlorobenzene	10.595	146	51307	0.87	ppb	99
98) p-Isopropyltoluene	10.522	119	89080	0.75	ppb	99
99) 1,4-Dichlorobenzene	10.693	146	48219	0.86	ppb	99
100) 1,2,3-Trimethylbenzene	10.729	105	97500	0.92	ppb	97
101) p-Diethylbenzene	10.936	105	48415	0.81	ppb	99
102) trans-Decahydronapthalene	10.760	138	19267	0.85	ppb	96
103) 1,2-Dichlorobenzene	11.161	146	44478	0.90	ppb	91
104) n-Butylbenzene	10.997	91	112139	0.85	ppb	97
105) Hexachloroethane	11.131	119	18659	0.93	ppb	# 1
106) n-Undecane	10.912	71	10749	0.81	ppb	95

Data Path : C:\msdchem\1\data\VOA7-02-09-26\
 Data File : V7-55268.D
 InstName : MSVOA7
 Acq On : 9 Feb 2026 1:55 pm
 Operator : THD
 Sample : SEQ-CAL4
 Misc : 8260
 ALS Vial : 6 Sample Multiplier: 1

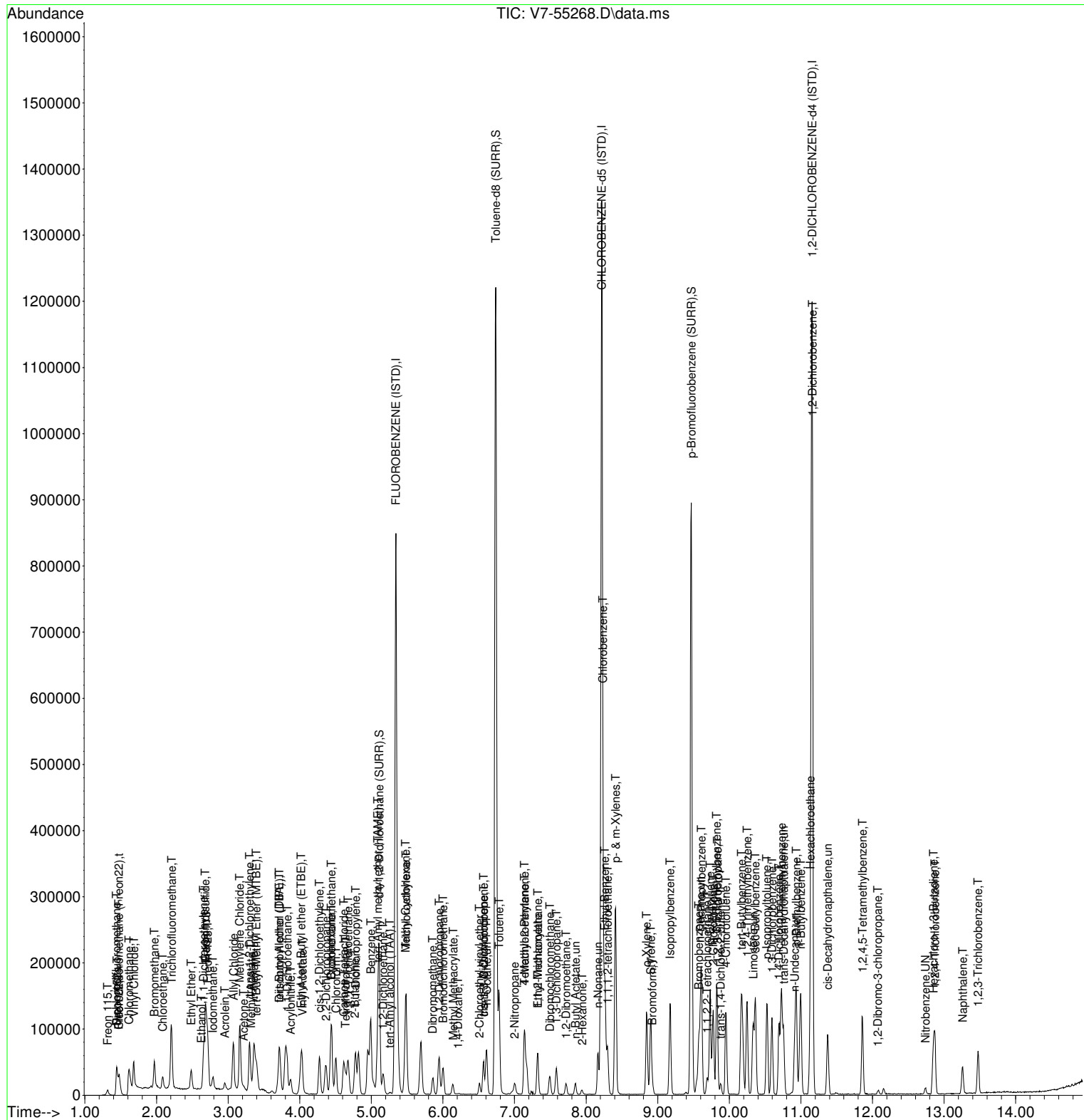
Quant Time: Feb 10 10:14:58 2026
 Quant Method : C:\msdchem\1\methods\Calibration\V7-8260D-R020926.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Tue Feb 10 10:14:07 2026
 Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
107)	cis-Decahydronapthalene	11.374	138	14108	0.82	ppb	# 94
108)	1,2-Dibromo-3-chloropr...	12.074	75	1638	0.78	ppb	94
109)	1,2,4,5-Tetramethylben...	11.861	119	72075	0.69	ppb	100
110)	Nitrobenzene	12.737	77	6212	10.49	ppb	94
111)	1,2,4-Trichlorobenzene	12.871	180	26568	0.83	ppb	99
112)	Hexachloro-1,3-Butadiene	12.852	225	14919	0.85	ppb	98
113)	Naphthalene	13.260	128	34731	0.74	ppb	98
114)	1,2,3-Trichlorobenzene	13.473	180	21499	0.84	ppb	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\VOA7-02-09-26\
Data File : V7-55268.D
InstName : MSVOA7
Acq On : 9 Feb 2026 1:55 pm
Operator : THD
Sample : SEQ-CAL4
Misc : 8260
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 10 10:14:58 2026
Quant Method : C:\msdchem\1\methods\Calibration\V7-8260D-R020926.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Tue Feb 10 10:14:07 2026
Response via : Initial Calibration



Data Path : C:\msdchem\1\data\VOA7-02-09-26\
 Data File : V7-55269.D
 InstName : MSVOA7
 Acq On : 9 Feb 2026 2:25 pm
 Operator : THD
 Sample : SEQ-CAL5
 Misc : 8260
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 10 10:15:02 2026

Quant Method : C:\msdchem\1\methods\Calibration\V7-8260D-R020926.M

Quant Title : Volatile Organics EPA 8260D & 624.1

QLast Update : Tue Feb 10 10:14:07 2026

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) FLUOROBENZENE (ISTD)	5.345	50	85521	10.00	ppb	0.00
48) CHLOROBENZENE-d5 (ISTD)	8.217	54	155756	10.00	ppb	0.00
80) 1,2-DICHLOROBENZENE-d4...	11.155	152	352811	10.00	ppb	0.00
System Monitoring Compounds						
42) d4-1,2-Dichloroethane ...	5.108	65	154525	11.12	ppb	0.00
Spiked Amount 10.000	Range 69 - 130		Recovery =	111.20%		
60) Toluene-d8 (SURR)	6.738	98	942730	10.89	ppb	0.00
Spiked Amount 10.000	Range 81 - 117		Recovery =	108.90%		
82) p-Bromofluorobenzene (...)	9.470	95	346231	10.32	ppb	0.00
Spiked Amount 10.000	Range 79 - 122		Recovery =	103.20%		
Target Compounds						
					Qvalue	
2) Freon 115	1.316	85	4688	1.82	ppb	97
3) Freon 152a	1.451	65	25991	1.90	ppb	96
4) Dichlorodifluoromethane	1.439	85	46372	1.66	ppb	98
5) Freon 22	1.480	51	100861	1.86	ppb	99
6) Chlorodifluoromethane ...	1.480	51	100861	1.86	ppb	99
7) Chloromethane	1.616	50	74866	2.01	ppb	99
8) Vinyl Chloride	1.683	62	67298	1.79	ppb	100
9) Bromomethane	1.969	94	46530	2.35	ppb	99
10) Chloroethane	2.084	64	33413	1.94	ppb	96
11) Trichlorofluoromethane	2.212	101	64197	1.62	ppb	100
12) Ethyl Ether	2.486	59	32606	2.07	ppb	98
13) Ethanol	2.620	45	2508	85.12	ppb	# 90
14) Freon 123	2.711	83	71330	1.77	ppb	97
15) 1,1-Dichloroethylene	2.656	61	76244	1.86	ppb	99
16) Freon 113	2.699	101	40700	1.58	ppb	99
17) Acrolein	2.954	56	18033	9.49	ppb	99
18) Acetone	3.210	58	2766	12.14	ppb	66
19) Iodomethane	2.790	142	45791	1.31	ppb	99
20) Carbon disulfide	2.681	76	183752	1.89	ppb	100
21) Allyl Chloride	3.070	41	92973	2.00	ppb	99
22) Methyl Acetate	3.319	74	3624	2.11	ppb	60
23) tert-Butyl Alcohol (TBA)	3.715	59	17686	10.21	ppb	99
24) Methylene Chloride	3.167	49	89611	2.56	ppb	99
25) Acrylonitrile	3.873	53	33456	9.98	ppb	97
26) trans-1,2-Dichloroethy...	3.301	61	83780	1.99	ppb	99
27) tert-Butyl Methyl Ethe...	3.398	73	95606	2.05	ppb	78
28) n-hexane	3.362	57	81944	1.63	ppb	96
29) 1,1-Dichloroethane	3.824	63	100182	1.99	ppb	100
30) Vinyl Acetate	4.031	86	4513	1.86	ppb	99
31) Diisopropyl ether (DIPE)	3.715	45	144080	1.95	ppb	100
32) Ethyl-tert-Butyl ether...	4.025	59	111145	1.89	ppb	99
33) cis-1,2-Dichloroethylene	4.274	61	71021	1.95	ppb	99
34) 2-Butanone	4.773	72	4688	9.39	ppb	72
35) 2,2-Dichloropropane	4.366	77	61451	1.81	ppb	94
36) Tetrahydrofuran	4.639	71	10398	9.76	ppb	96
37) Bromochloromethane	4.445	49	35532	2.13	ppb	96
38) Chloroform	4.506	83	95165	2.03	ppb	98
39) 1,1,1-Trichloroethane	4.676	97	72969	1.80	ppb	98
40) Cyclohexane	4.439	56	64859	1.44	ppb	99
41) 1,1-Dichloropropylene	4.779	75	67619	1.75	ppb	99
43) Carbon Tetrachloride	4.615	117	57260	1.71	ppb	98
44) tert-Amyl alcohol (TAA)	5.266	59	3892	10.37	ppb	# 78
45) 1,2-Dichloroethane	5.169	62	49030	2.03	ppb	98

Data Path : C:\msdchem\1\data\VOA7-02-09-26\
 Data File : V7-55269.D
 InstName : MSVOA7
 Acq On : 9 Feb 2026 2:25 pm
 Operator : THD
 Sample : SEQ-CAL5
 Misc : 8260
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 10 10:15:02 2026
 Quant Method : C:\msdchem\1\methods\Calibration\V7-8260D-R020926.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Tue Feb 10 10:14:07 2026
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Benzene	4.992	78	229991	1.95	ppb	100
47) tert-Amyl methyl ether...	5.084	73	89832	1.89	ppb	97
49) Trichloroethylene	5.485	95	60183	1.98	ppb	99
50) Methyl Cyclohexane	5.479	83	68618	1.49	ppb	99
51) Methyl Methacrylate	6.136	69	13102	1.84	ppb	94
52) Dibromomethane	5.862	93	21445	2.09	ppb	98
53) Bromodichloromethane	6.002	83	63593	2.02	ppb	100
54) 1,2-Dichloropropane	5.947	63	52624	1.99	ppb	98
55) 1,4-Dioxane	6.179	88	1332	46.35	ppb	86
56) 2-Nitropropane	7.006	43	27856	9.76	ppb	95
57) 2-Chloroethyl vinyl ether	6.513	63	15122	1.91	ppb	97
58) cis-1,3-Dichloropropene	6.568	75	65890	1.86	ppb	99
59) 4-Methyl-2-Pentanone	7.140	43	16127	10.37	ppb	94
61) Toluene	6.787	91	249486	1.99	ppb	100
62) n-Octane	6.611	85	28597	1.49	ppb	95
63) Ethyl Methacrylate	7.322	69	26637	1.73	ppb	97
64) trans-1,3-Dichloropropene	6.568	75	65890	1.86	ppb	100
65) 1,1,2-Trichloroethane	7.322	97	30552	2.00	ppb	98
66) 1,3-Dichloropropane	7.584	76	54394	2.08	ppb	99
67) Tetrachloroethylene	7.140	166	61043	1.86	ppb	98
68) 2-Hexanone	7.943	43	10207	9.61	ppb	96
69) n-Butyl Actetate	7.846	43	24394	1.87	ppb	97
70) Dibromochloromethane	7.493	129	36411	1.99	ppb	99
71) 1,2-Dibromoethane	7.718	107	27318	2.00	ppb	99
72) Chlorobenzene	8.235	112	156778	1.99	ppb	# 93
73) 1,1,1,2-tetrachloroethane	8.302	131	45790	1.91	ppb	98
74) n-Nonane	8.168	57	38501	1.44	ppb	100
75) Ethyl Benzene	8.259	91	267586	1.91	ppb	99
76) p- & m-Xylenes	8.411	91	390802	3.71	ppb	99
77) o-Xylene	8.843	91	183871	1.78	ppb	99
78) Styrene	8.904	104	143221	1.79	ppb	99
79) Bromoform	8.922	173	18062	1.95	ppb	98
81) Isopropylbenzene	9.172	105	228086	1.69	ppb	99
83) 1,1,2,2-Tetrachloroethane	9.695	83	32043	2.05	ppb	99
84) Bromobenzene	9.573	77	100776	1.91	ppb	99
85) trans-1,4-Dichloro-2-b...	9.884	53	7411	2.03	ppb	93
86) 1,2,3-Trichloropropane	9.835	110	8775	2.00	ppb	95
87) n-Propylbenzene	9.610	91	301880	1.82	ppb	100
88) n-Decane	9.598	57	45871	1.59	ppb	99
89) p-Ethyltoluene	9.731	105	243745	1.78	ppb	99
90) 1,3,5-Trimethylbenzene	9.823	105	202781	1.78	ppb	99
91) 2-Chlorotoluene	9.774	91	173147	1.86	ppb	99
92) 4-Chlorotoluene	9.950	91	175099	1.84	ppb	100
93) tert-Butylbenzene	10.169	119	183899	1.69	ppb	99
94) 1,2,4-Trimethylbenzene	10.249	105	205595	1.77	ppb	100
95) sec-Butylbenzene	10.364	105	255274	1.69	ppb	99
96) Limonene	10.328	68	51710	1.44	ppb	97
97) 1,3-Dichlorobenzene	10.595	146	115283	1.87	ppb	100
98) p-Isopropyltoluene	10.528	119	210356	1.68	ppb	99
99) 1,4-Dichlorobenzene	10.693	146	110861	1.87	ppb	99
100) 1,2,3-Trimethylbenzene	10.729	105	200061	1.80	ppb	99
101) p-Diethylbenzene	10.936	105	110087	1.74	ppb	99
102) trans-Decahydronapthalene	10.760	138	37925	1.58	ppb	97
103) 1,2-Dichlorobenzene	11.161	146	99041	1.91	ppb	97
104) n-Butylbenzene	10.997	91	245621	1.77	ppb	98
105) Hexachloroethane	11.131	119	35646	1.69	ppb	# 14
106) n-Undecane	10.912	71	22265	1.60	ppb	97

Data Path : C:\msdchem\1\data\VOA7-02-09-26\
 Data File : V7-55269.D
 InstName : MSVOA7
 Acq On : 9 Feb 2026 2:25 pm
 Operator : THD
 Sample : SEQ-CAL5
 Misc : 8260
 ALS Vial : 7 Sample Multiplier: 1

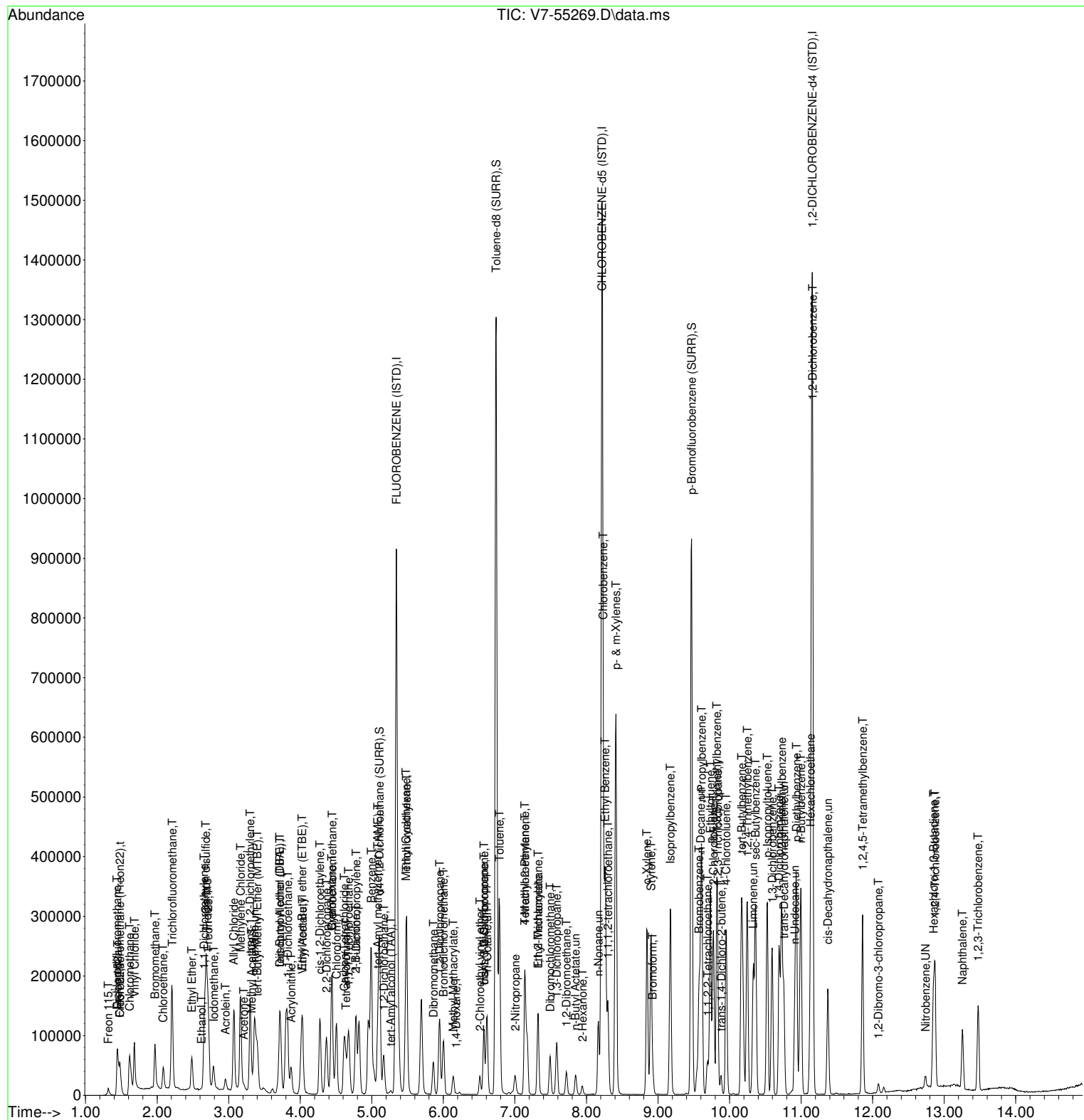
Quant Time: Feb 10 10:15:02 2026
 Quant Method : C:\msdchem\1\methods\Calibration\V7-8260D-R020926.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Tue Feb 10 10:14:07 2026
 Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
107)	cis-Decahydronapthalene	11.374	138	27833	1.53	ppb	# 97
108)	1,2-Dibromo-3-chloropr...	12.080	75	4098	1.86	ppb	99
109)	1,2,4,5-Tetramethylben...	11.861	119	176552	1.60	ppb	99
110)	Nitrobenzene	12.737	77	12082	19.36	ppb	97
111)	1,2,4-Trichlorobenzene	12.871	180	61471	1.81	ppb	99
112)	Hexachloro-1,3-Butadiene	12.852	225	31498	1.71	ppb	96
113)	Naphthalene	13.254	128	84153	1.71	ppb	99
114)	1,2,3-Trichlorobenzene	13.473	180	49795	1.86	ppb	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\VOA7-02-09-26\
Data File : V7-55269.D
InstName : MSVOA7
Acq On : 9 Feb 2026 2:25 pm
Operator : THD
Sample : SEQ-CAL5
Misc : 8260
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 10 10:15:02 2026
Quant Method : C:\msdchem\1\methods\Calibration\V7-8260D-R020926.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Tue Feb 10 10:14:07 2026
Response via : Initial Calibration



Data Path : C:\msdchem\1\data\VOA7-02-09-26\
 Data File : V7-55270.D
 InstName : MSVOA7
 Acq On : 9 Feb 2026 2:54 pm
 Operator : THD
 Sample : SEQ-CAL6
 Misc : 8260
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 10 10:15:05 2026

Quant Method : C:\msdchem\1\methods\Calibration\V7-8260D-R020926.M

Quant Title : Volatile Organics EPA 8260D & 624.1

QLast Update : Tue Feb 10 10:14:07 2026

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) FLUOROBENZENE (ISTD)	5.345	50	86202	10.00	ppb	0.00
48) CHLOROBENZENE-d5 (ISTD)	8.217	54	162382	10.00	ppb	0.00
80) 1,2-DICHLOROBENZENE-d4...	11.155	152	362888	10.00	ppb	0.00
System Monitoring Compounds						
42) d4-1,2-Dichloroethane ...	5.108	65	148485	10.60	ppb	0.00
Spiked Amount 10.000	Range 69 - 130		Recovery =	106.00%		
60) Toluene-d8 (SURR)	6.738	98	939543	10.41	ppb	0.00
Spiked Amount 10.000	Range 81 - 117		Recovery =	104.10%		
82) p-Bromofluorobenzene (...)	9.470	95	351403	10.19	ppb	0.00
Spiked Amount 10.000	Range 79 - 122		Recovery =	101.90%		
Target Compounds						
					Qvalue	
2) Freon 115	1.316	85	13971	5.38	ppb	98
3) Freon 152a	1.451	65	62935	4.57	ppb	# 1
4) Dichlorodifluoromethane	1.439	85	116394	4.14	ppb	100
5) Freon 22	1.480	51	153788	2.81	ppb	# 85
6) Chlorodifluoromethane ...	1.480	51	153788	2.81	ppb	# 85
7) Chloromethane	1.616	50	162614	4.33	ppb	100
8) Vinyl Chloride	1.683	62	154839	4.08	ppb	99
9) Bromomethane	1.969	94	93468	4.69	ppb	100
10) Chloroethane	2.084	64	70751	4.08	ppb	99
11) Trichlorofluoromethane	2.212	101	159907	3.99	ppb	100
12) Ethyl Ether	2.486	59	69988	4.42	ppb	99
13) Ethanol	2.620	45	6993	235.45	ppb	# 95
14) Freon 123	2.711	83	178432	4.39	ppb	98
15) 1,1-Dichloroethylene	2.656	61	169977	4.11	ppb	99
16) Freon 113	2.693	101	106323	4.11	ppb	98
17) Acrolein	2.954	56	35944	18.77	ppb	100
18) Acetone	3.204	58	5266	22.94	ppb	86
19) Iodomethane	2.784	142	118756	3.36	ppb	99
20) Carbon disulfide	2.681	76	419880	4.28	ppb	100
21) Allyl Chloride	3.070	41	202540	4.33	ppb	99
22) Methyl Acetate	3.319	74	7907	4.56	ppb	88
23) tert-Butyl Alcohol (TBA)	3.715	59	37647	21.57	ppb	100
24) Methylene Chloride	3.167	49	163751	4.64	ppb	100
25) Acrylonitrile	3.873	53	70795	20.95	ppb	99
26) trans-1,2-Dichloroethy...	3.301	61	177677	4.18	ppb	99
27) tert-Butyl Methyl Ethe...	3.398	73	204423	4.35	ppb	95
28) n-hexane	3.362	57	210969	4.15	ppb	98
29) 1,1-Dichloroethane	3.824	63	206385	4.07	ppb	100
30) Vinyl Acetate	4.037	86	9648	3.95	ppb	92
31) Diisopropyl ether (DIPE)	3.715	45	312969	4.20	ppb	100
32) Ethyl-tert-Butyl ether...	4.025	59	242788	4.10	ppb	100
33) cis-1,2-Dichloroethylene	4.274	61	146492	4.00	ppb	99
34) 2-Butanone	4.773	72	10325	20.52	ppb	93
35) 2,2-Dichloropropane	4.366	77	133090	3.90	ppb	97
36) Tetrahydrofuran	4.646	71	22300	20.77	ppb	99
37) Bromochloromethane	4.445	49	68779	4.08	ppb	100
38) Chloroform	4.506	83	189901	4.02	ppb	99
39) 1,1,1-Trichloroethane	4.676	97	156678	3.83	ppb	99
40) Cyclohexane	4.445	56	171335	3.79	ppb	99
41) 1,1-Dichloropropylene	4.779	75	150289	3.86	ppb	100
43) Carbon Tetrachloride	4.615	117	130487	3.87	ppb	100
44) tert-Amyl alcohol (TAA)	5.266	59	9078	24.00	ppb	93
45) 1,2-Dichloroethane	5.169	62	99244	4.07	ppb	100

Data Path : C:\msdchem\1\data\VOA7-02-09-26\
 Data File : V7-55270.D
 InstName : MSVOA7
 Acq On : 9 Feb 2026 2:54 pm
 Operator : THD
 Sample : SEQ-CAL6
 Misc : 8260
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 10 10:15:05 2026

Quant Method : C:\msdchem\1\methods\Calibration\V7-8260D-R020926.M

Quant Title : Volatile Organics EPA 8260D & 624.1

QLast Update : Tue Feb 10 10:14:07 2026

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Benzene	4.992	78	471635	3.98	ppb	99
47) tert-Amyl methyl ether...	5.090	73	194741	4.07	ppb	98
49) Trichloroethylene	5.485	95	123542	3.89	ppb	100
50) Methyl Cyclohexane	5.479	83	185042	3.85	ppb	98
51) Methyl Methacrylate	6.136	69	29424	3.97	ppb	98
52) Dibromomethane	5.856	93	43098	4.03	ppb	99
53) Bromodichloromethane	6.002	83	131635	4.02	ppb	99
54) 1,2-Dichloropropane	5.947	63	108651	3.94	ppb	99
55) 1,4-Dioxane	6.185	88	4051	135.20	ppb	85
56) 2-Nitropropane	7.006	43	60381	20.29	ppb	96
57) 2-Chloroethyl vinyl ether	6.513	63	34762	4.22	ppb	99
58) cis-1,3-Dichloropropene	6.568	75	143796	3.88	ppb	97
59) 4-Methyl-2-Pentanone	7.140	43	32785	20.23	ppb	98
61) Toluene	6.787	91	521459	3.98	ppb	100
62) n-Octane	6.611	85	79621	3.98	ppb	98
63) Ethyl Methacrylate	7.322	69	61143	3.80	ppb	96
64) trans-1,3-Dichloropropene	6.568	75	143796	3.88	ppb	99
65) 1,1,2-Trichloroethane	7.322	97	64523	4.06	ppb	99
66) 1,3-Dichloropropane	7.584	76	111177	4.07	ppb	97
67) Tetrachloroethylene	7.140	166	133997	3.93	ppb	100
68) 2-Hexanone	7.943	43	21905	19.79	ppb	96
69) n-Butyl Actetate	7.852	43	51921	3.82	ppb	98
70) Dibromochloromethane	7.493	129	75144	3.95	ppb	98
71) 1,2-Dibromoethane	7.724	107	56991	4.00	ppb	99
72) Chlorobenzene	8.235	112	325564	3.96	ppb	98
73) 1,1,1,2-tetrachloroethane	8.302	131	97726	3.92	ppb	98
74) n-Nonane	8.168	57	99001	3.55	ppb	99
75) Ethyl Benzene	8.259	91	572799	3.92	ppb	100
76) p- & m-Xylenes	8.411	91	866281	7.90	ppb	99
77) o-Xylene	8.843	91	412803	3.83	ppb	100
78) Styrene	8.904	104	318696	3.83	ppb	99
79) Bromoform	8.928	173	37963	3.92	ppb	98
81) Isopropylbenzene	9.172	105	518771	3.73	ppb	100
83) 1,1,2,2-Tetrachloroethane	9.695	83	66565	4.13	ppb	100
84) Bromobenzene	9.573	77	215659	3.98	ppb	100
85) trans-1,4-Dichloro-2-b...	9.883	53	16092	4.29	ppb	94
86) 1,2,3-Trichloropropane	9.829	110	18081	4.00	ppb	99
87) n-Propylbenzene	9.610	91	667094	3.91	ppb	100
88) n-Decane	9.598	57	111594	3.75	ppb	100
89) p-Ethyltoluene	9.731	105	563832	4.00	ppb	100
90) 1,3,5-Trimethylbenzene	9.823	105	448650	3.83	ppb	100
91) 2-Chlorotoluene	9.774	91	378249	3.96	ppb	99
92) 4-Chlorotoluene	9.950	91	384198	3.93	ppb	99
93) tert-Butylbenzene	10.169	119	422109	3.77	ppb	100
94) 1,2,4-Trimethylbenzene	10.249	105	453769	3.80	ppb	99
95) sec-Butylbenzene	10.364	105	587446	3.79	ppb	99
96) Limonene	10.334	68	134736	3.64	ppb	98
97) 1,3-Dichlorobenzene	10.595	146	244685	3.85	ppb	99
98) p-Isopropyltoluene	10.528	119	481715	3.75	ppb	99
99) 1,4-Dichlorobenzene	10.693	146	235418	3.87	ppb	100
100) 1,2,3-Trimethylbenzene	10.729	105	455663	3.98	ppb	100
101) p-Diethylbenzene	10.936	105	258380	3.97	ppb	99
102) trans-Decahydronapthalene	10.760	138	93806	3.81	ppb	98
103) 1,2-Dichlorobenzene	11.161	146	210262	3.94	ppb	99
104) n-Butylbenzene	10.997	91	553925	3.87	ppb	100
105) Hexachloroethane	11.131	119	82589	3.82	ppb	# 71
106) n-Undecane	10.912	71	53002	3.70	ppb	96

Data Path : C:\msdchem\1\data\VOA7-02-09-26\
 Data File : V7-55270.D
 InstName : MSVOA7
 Acq On : 9 Feb 2026 2:54 pm
 Operator : THD
 Sample : SEQ-CAL6
 Misc : 8260
 ALS Vial : 8 Sample Multiplier: 1

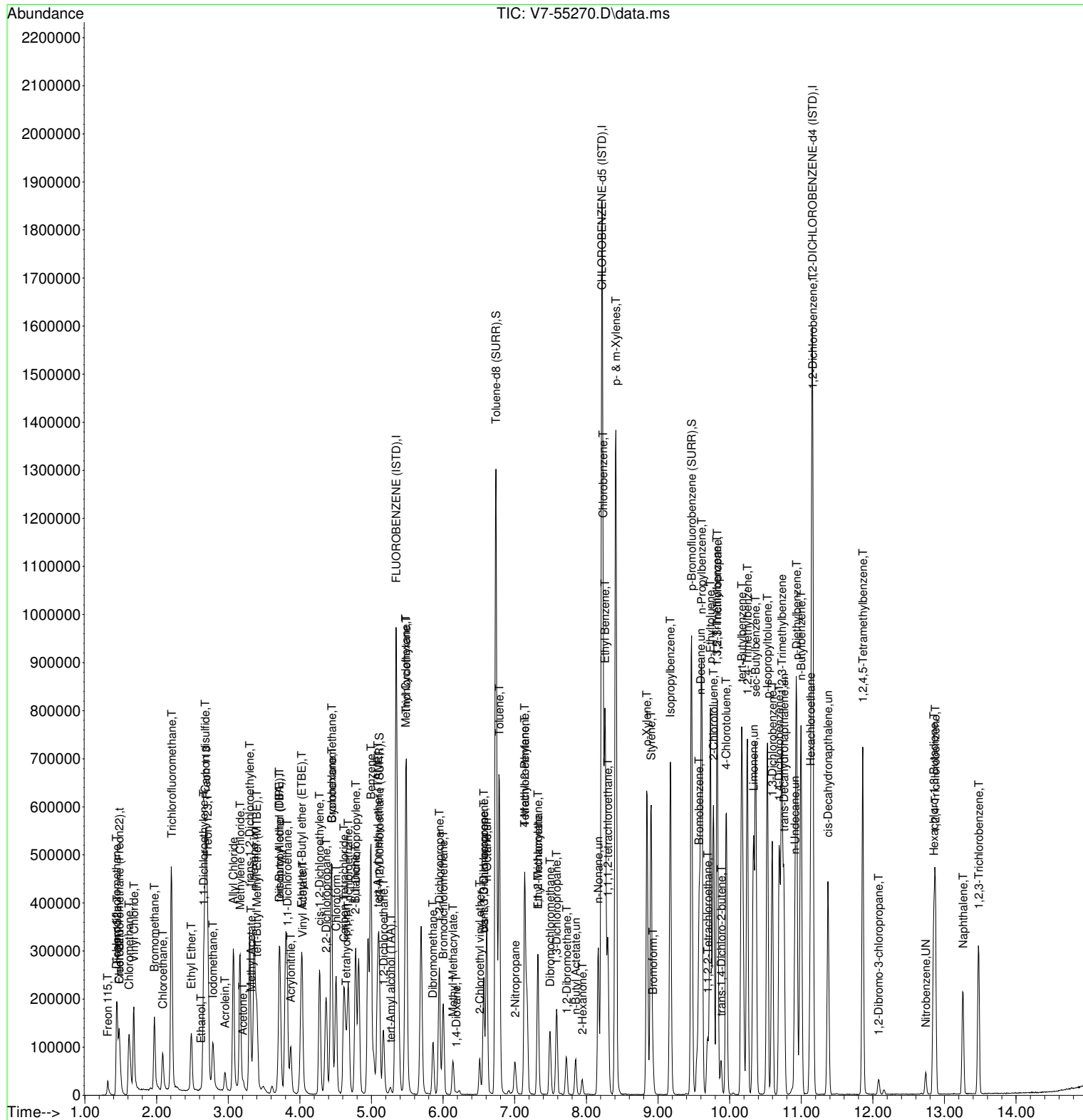
Quant Time: Feb 10 10:15:05 2026
 Quant Method : C:\msdchem\1\methods\Calibration\V7-8260D-R020926.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Tue Feb 10 10:14:07 2026
 Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
107)	cis-Decahydronapthalene	11.374	138	70551	3.76	ppb	# 99
108)	1,2-Dibromo-3-chloropr...	12.080	75	8659	3.82	ppb	98
109)	1,2,4,5-Tetramethylben...	11.861	119	430368	3.79	ppb	99
110)	Nitrobenzene	12.737	77	26575	41.41	ppb	98
111)	1,2,4-Trichlorobenzene	12.871	180	131706	3.78	ppb	99
112)	Hexachloro-1,3-Butadiene	12.852	225	70743	3.73	ppb	99
113)	Naphthalene	13.260	128	184152	3.63	ppb	100
114)	1,2,3-Trichlorobenzene	13.479	180	105713	3.83	ppb	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\VOA7-02-09-26\
Data File : V7-55270.D
InstName : MSVOA7
Acq On : 9 Feb 2026 2:54 pm
Operator : THD
Sample : SEQ-CAL6
Misc : 8260
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 10 10:15:05 2026
Quant Method : C:\msdchem\1\methods\Calibration\V7-8260D-R020926.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Tue Feb 10 10:14:07 2026
Response via : Initial Calibration



Data Path : C:\msdchem\1\data\VOA7-02-09-26\
 Data File : V7-55271.D
 InstName : MSVOA7
 Acq On : 9 Feb 2026 3:23 pm
 Operator : THD
 Sample : SEQ-CAL7
 Misc : 8260
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 10 10:39:30 2026

Quant Method : C:\msdchem\1\methods\Calibration\V7-8260D-R020926.M

Quant Title : Volatile Organics EPA 8260D & 624.1

QLast Update : Tue Feb 10 10:38:59 2026

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) FLUOROBENZENE (ISTD)	5.345	50	92964	10.00	ppb	0.00
48) CHLOROBENZENE-d5 (ISTD)	8.216	54	174485	10.00	ppb	0.00
80) 1,2-DICHLOROBENZENE-d4...	11.155	152	384833	10.00	ppb	0.00
System Monitoring Compounds						
42) d4-1,2-Dichloroethane ...	5.108	65	151611	10.64	ppb	0.00
Spiked Amount 10.000	Range 69 - 130		Recovery =	106.40%		
60) Toluene-d8 (SURR)	6.738	98	968906	10.64	ppb	0.00
Spiked Amount 10.000	Range 81 - 117		Recovery =	106.40%		
82) p-Bromofluorobenzene (...)	9.470	95	365797	10.69	ppb	0.00
Spiked Amount 10.000	Range 79 - 122		Recovery =	106.90%		
Target Compounds						
					Qvalue	
2) Freon 115	1.322	85	27912	11.69	ppb	100
3) Freon 152a	1.451	65	149193	11.42	ppb	100
4) Dichlorodifluoromethane	1.439	85	303357	12.39	ppb	100
5) Freon 22	1.480	51	592319	13.24	ppb	100
6) Chlorodifluoromethane ...	1.480	51	592319	13.24	ppb	100
7) Chloromethane	1.616	50	406650	10.89	ppb	100
8) Vinyl Chloride	1.683	62	409515	11.31	ppb	100
9) Bromomethane	1.969	94	214485	9.32	ppb	100
10) Chloroethane	2.090	64	187002	10.71	ppb	100
11) Trichlorofluoromethane	2.212	101	431673	11.55	ppb	100
12) Ethyl Ether	2.486	59	170744	9.66	ppb	100
13) Ethanol	2.626	45	12857	79.84	ppb	100
14) Freon 123	2.711	83	438095	10.56	ppb	100
15) 1,1-Dichloroethylene	2.662	61	446727	10.83	ppb	100
16) Freon 113	2.699	101	279706	11.49	ppb	100
17) Acrolein	2.954	56	82316	32.20	ppb	100
18) Acetone	3.216	58	12424	21.97	ppb	100
19) Iodomethane	2.790	142	381491	11.87	ppb	100
20) Carbon disulfide	2.686	76	1060391	10.46	ppb	100
21) Allyl Chloride	3.076	41	506209	10.46	ppb	100
22) Methyl Acetate	3.319	74	18757	9.99	ppb	100
23) tert-Butyl Alcohol (TBA)	3.721	59	94457	36.56	ppb	100
24) Methylene Chloride	3.167	49	381500	7.65	ppb	100
25) Acrylonitrile	3.873	53	181710	37.66	ppb	100
26) trans-1,2-Dichloroethy...	3.301	61	459315	10.31	ppb	100
27) tert-Butyl Methyl Ethe...	3.398	73	507754	9.76	ppb	100
28) n-hexane	3.368	57	548419	12.07	ppb	100
29) 1,1-Dichloroethane	3.824	63	548283	10.40	ppb	100
30) Vinyl Acetate	4.037	86	26442	10.25	ppb	100
31) Diisopropyl ether (DIPE)	3.721	45	805645	10.22	ppb	100
32) Ethyl-tert-Butyl ether...	4.025	59	639768	10.27	ppb	100
33) cis-1,2-Dichloroethylene	4.274	61	396452	10.49	ppb	100
34) 2-Butanone	4.773	72	25998	28.08	ppb	95
35) 2,2-Dichloropropane	4.365	77	369436	10.57	ppb	100
36) Tetrahydrofuran	4.645	71	57863	38.48	ppb	100
37) Bromochloromethane	4.445	49	182280	10.25	ppb	100
38) Chloroform	4.505	83	509264	10.25	ppb	100
39) 1,1,1-Trichloroethane	4.676	97	441795	11.01	ppb	100
40) Cyclohexane	4.439	56	488621	12.56	ppb	100
41) 1,1-Dichloropropylene	4.779	75	421213	11.21	ppb	100
43) Carbon Tetrachloride	4.621	117	364968	11.19	ppb	100
44) tert-Amyl alcohol (TAA)	5.266	59	20476	32.62	ppb	100
45) 1,2-Dichloroethane	5.169	62	264018	10.25	ppb	100

Data Path : C:\msdchem\1\data\VOA7-02-09-26\
 Data File : V7-55271.D
 InstName : MSVOA7
 Acq On : 9 Feb 2026 3:23 pm
 Operator : THD
 Sample : SEQ-CAL7
 Misc : 8260
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 10 10:39:30 2026

Quant Method : C:\msdchem\1\methods\Calibration\V7-8260D-R020926.M

Quant Title : Volatile Organics EPA 8260D & 624.1

QLast Update : Tue Feb 10 10:38:59 2026

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
46) Benzene	4.992	78	1282689	10.70	ppb	100
47) tert-Amyl methyl ether...	5.089	73	517830	10.34	ppb	100
49) Trichloroethylene	5.491	95	340942	10.94	ppb	100
50) Methyl Cyclohexane	5.479	83	515938	13.18	ppb	100
51) Methyl Methacrylate	6.136	69	79617	10.55	ppb	100
52) Dibromomethane	5.862	93	114944	10.57	ppb	100
53) Bromodichloromethane	6.002	83	351908	10.66	ppb	100
54) 1,2-Dichloropropane	5.947	63	296200	10.84	ppb	100
55) 1,4-Dioxane	6.191	88	8049	82.23	ppb	100
56) 2-Nitropropane	7.006	43	159856	38.26	ppb	100
57) 2-Chloroethyl vinyl ether	6.513	63	88590	10.69	ppb	100
58) cis-1,3-Dichloropropene	6.568	75	397659	10.90	ppb	100
59) 4-Methyl-2-Pentanone	7.140	43	87078	27.05	ppb	100
61) Toluene	6.787	91	1406908	10.84	ppb	100
62) n-Octane	6.610	85	214589	15.20	ppb	100
63) Ethyl Methacrylate	7.322	69	172809	10.85	ppb	100
64) trans-1,3-Dichloropropene	6.568	75	397659	10.90	ppb	100
65) 1,1,2-Trichloroethane	7.322	97	170743	10.48	ppb	100
66) 1,3-Dichloropropane	7.584	76	293421	10.50	ppb	100
67) Tetrachloroethylene	7.140	166	366814	11.09	ppb	100
68) 2-Hexanone	7.943	43	59145	28.69	ppb	100
69) n-Butyl Actetate	7.851	43	146092	10.50	ppb	100
70) Dibromochloromethane	7.492	129	204497	10.51	ppb	100
71) 1,2-Dibromoethane	7.724	107	153102	10.60	ppb	100
72) Chlorobenzene	8.235	112	882686	10.72	ppb	100
73) 1,1,1,2-tetrachloroethane	8.302	131	268172	10.77	ppb	100
74) n-Nonane	8.168	57	299540	14.41	ppb	100
75) Ethyl Benzene	8.265	91	1570867	11.18	ppb	100
76) p- & m-Xylenes	8.411	91	2357739	21.18	ppb	100
77) o-Xylene	8.849	91	1159272	11.40	ppb	100
78) Styrene	8.904	104	894270	11.37	ppb	100
79) Bromoform	8.928	173	103950	10.27	ppb	100
81) Isopropylbenzene	9.172	105	1473908	11.25	ppb	100
83) 1,1,2,2-Tetrachloroethane	9.695	83	170820	9.90	ppb	100
84) Bromobenzene	9.573	77	574442	10.13	ppb	100
85) trans-1,4-Dichloro-2-b...	9.883	53	39736	9.54	ppb	100
86) 1,2,3-Trichloropropane	9.835	110	47964	9.94	ppb	100
87) n-Propylbenzene	9.610	91	1810341	10.92	ppb	100
88) n-Decane	9.597	57	315578	14.86	ppb	100
89) p-Ethyltoluene	9.731	105	1496362	10.85	ppb	100
90) 1,3,5-Trimethylbenzene	9.829	105	1240646	10.88	ppb	100
91) 2-Chlorotoluene	9.774	91	997433	10.43	ppb	99
92) 4-Chlorotoluene	9.956	91	1035801	10.51	ppb	100
93) tert-Butylbenzene	10.169	119	1185996	11.11	ppb	100
94) 1,2,4-Trimethylbenzene	10.248	105	1266277	11.02	ppb	100
95) sec-Butylbenzene	10.364	105	1643703	11.63	ppb	100
96) Limonene	10.333	68	392795	12.86	ppb	100
97) 1,3-Dichlorobenzene	10.595	146	674180	10.38	ppb	100
98) p-Isopropyltoluene	10.528	119	1362494	11.51	ppb	100
99) 1,4-Dichlorobenzene	10.692	146	645536	10.27	ppb	100
100) 1,2,3-Trimethylbenzene	10.729	105	1213703	10.66	ppb	100
101) p-Diethylbenzene	10.936	105	689669	11.23	ppb	100
102) trans-Decahydronapthalene	10.759	138	261291	13.54	ppb	100
103) 1,2-Dichlorobenzene	11.161	146	565805	10.15	ppb	100
104) n-Butylbenzene	10.997	91	1516488	11.22	ppb	100
105) Hexachloroethane	11.130	119	229486	10.47	ppb	100
106) n-Undecane	10.911	71	151747	15.52	ppb	100

Data Path : C:\msdchem\1\data\VOA7-02-09-26\
 Data File : V7-55271.D
 InstName : MSVOA7
 Acq On : 9 Feb 2026 3:23 pm
 Operator : THD
 Sample : SEQ-CAL7
 Misc : 8260
 ALS Vial : 9 Sample Multiplier: 1

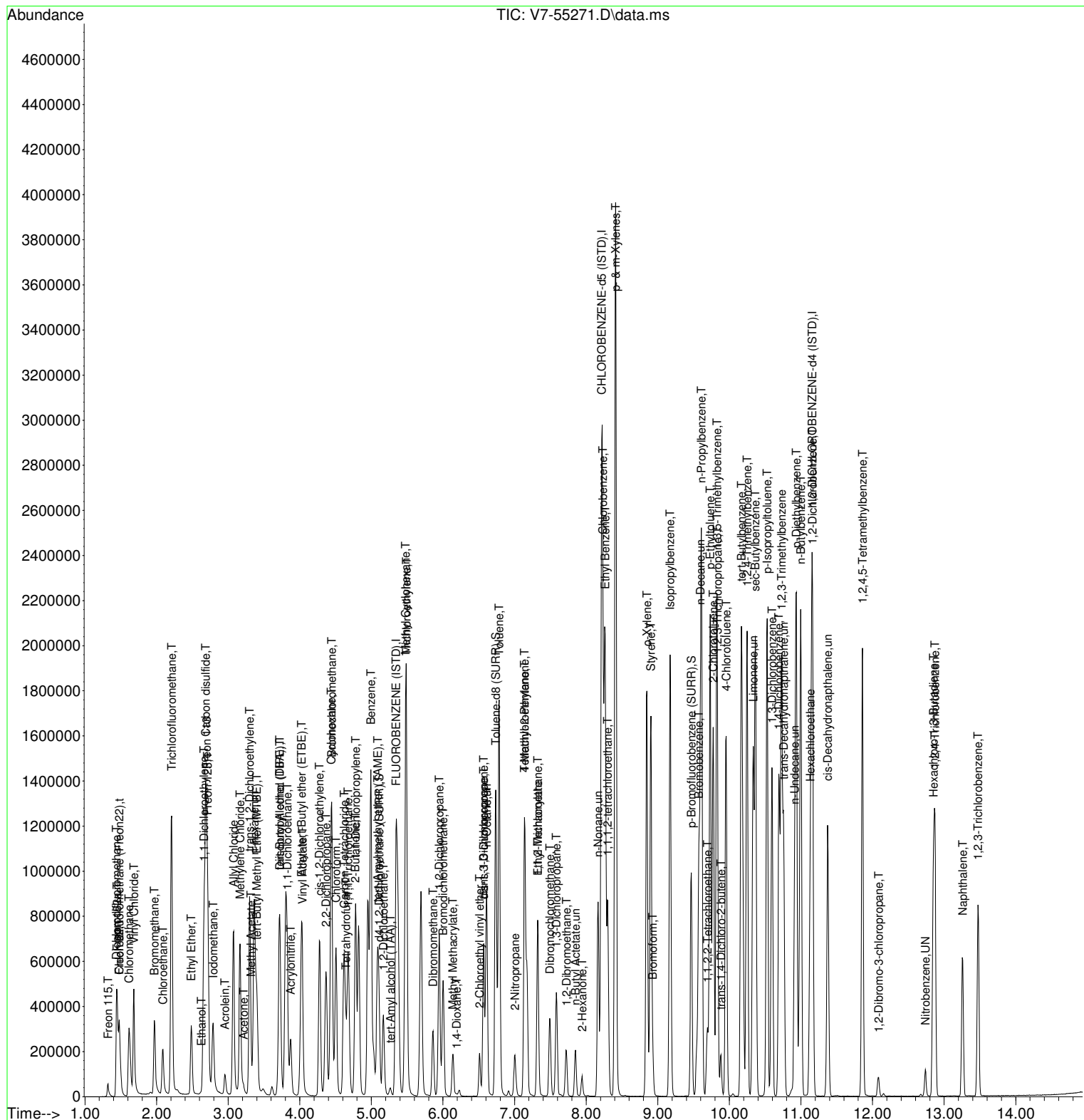
Quant Time: Feb 10 10:39:30 2026
 Quant Method : C:\msdchem\1\methods\Calibration\V7-8260D-R020926.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Tue Feb 10 10:38:59 2026
 Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
107)	cis-Decahydronapthalene	11.374	138	198866	13.12	ppb	# 100
108)	1,2-Dibromo-3-chloropr...	12.086	75	24033	10.39	ppb	100
109)	1,2,4,5-Tetramethylben...	11.860	119	1203127	11.25	ppb	100
110)	Nitrobenzene	12.736	77	68058	41.51	ppb	100
111)	1,2,4-Trichlorobenzene	12.870	180	369470	10.32	ppb	100
112)	Hexachloro-1,3-Butadiene	12.852	225	201123	11.63	ppb	100
113)	Naphthalene	13.260	128	537436	10.53	ppb	100
114)	1,2,3-Trichlorobenzene	13.473	180	292770	10.25	ppb	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data Path   : C:\msdchem\1\data\VOA7-02-09-26\  
Data File  : V7-55271.D  
InstName   : MSVOA7  
Acq On     : 9 Feb 2026    3:23 pm  
Operator   : THD  
Sample     : SEQ-CAL7  
Misc       : 8260  
ALS Vial   : 9    Sample Multiplier: 1
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Quant Time: Feb 10 10:39:30 2026
Quant Method : C:\msdchem\1\methods\Calibration\V7-8260D-R020926.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Tue Feb 10 10:38:59 2026
Response via : Initial Calibration



Data Path : C:\msdchem\1\data\VOA7-02-09-26\
 Data File : V7-55272.D
 InstName : MSVOA7
 Acq On : 9 Feb 2026 3:53 pm
 Operator : THD
 Sample : SEQ-CAL8
 Misc : 8260
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 10 10:15:08 2026
 Quant Method : C:\msdchem\1\methods\Calibration\V7-8260D-R020926.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Tue Feb 10 10:14:07 2026
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) FLUOROBENZENE (ISTD)	5.345	50	101101	10.00	ppb	0.00
48) CHLOROBENZENE-d5 (ISTD)	8.216	54	195862	10.00	ppb	0.00
80) 1,2-DICHLOROBENZENE-d4...	11.155	152	404247	10.00	ppb	0.00
System Monitoring Compounds						
42) d4-1,2-Dichloroethane ...	5.108	65	151531	9.22	ppb	0.00
Spiked Amount 10.000	Range 69 - 130		Recovery =	92.20%		
60) Toluene-d8 (SURR)	6.738	98	997724	9.17	ppb	0.00
Spiked Amount 10.000	Range 81 - 117		Recovery =	91.70%		
82) p-Bromofluorobenzene (...)	9.470	95	380631	9.91	ppb	0.00
Spiked Amount 10.000	Range 79 - 122		Recovery =	99.10%		
Target Compounds						
					Qvalue	
2) Freon 115	1.316	85	46973	15.41	ppb	98
3) Freon 152a	1.451	65	295379	18.27	ppb	100
4) Dichlorodifluoromethane	1.439	85	578309	17.52	ppb	99
5) Freon 22	1.480	51	1174568	18.30	ppb	100
6) Chlorodifluoromethane ...	1.480	51	1174568	18.30	ppb	100
7) Chloromethane	1.616	50	824455	18.71	ppb	100
8) Vinyl Chloride	1.683	62	830788	18.68	ppb	99
9) Bromomethane	1.969	94	447960	19.15	ppb	99
10) Chloroethane	2.084	64	387333	19.06	ppb	99
11) Trichlorofluoromethane	2.212	101	864544	18.41	ppb	100
12) Ethyl Ether	2.486	59	371060	19.96	ppb	99
13) Ethanol	2.620	45	21605	620.24	ppb	97
14) Freon 123	2.711	83	903328	18.96	ppb	99
15) 1,1-Dichloroethylene	2.656	61	911353	18.79	ppb	99
16) Freon 113	2.699	101	536559	17.66	ppb	100
17) Acrolein	2.954	56	178458	79.46	ppb	99
18) Acetone	3.210	58	24206	89.89	ppb	91
19) Iodomethane	2.784	142	900382	21.72	ppb	100
20) Carbon disulfide	2.680	76	2168603	18.84	ppb	100
21) Allyl Chloride	3.070	41	1038182	18.92	ppb	99
22) Methyl Acetate	3.319	74	38791	19.08	ppb	80
23) tert-Butyl Alcohol (TBA)	3.715	59	197794	96.61	ppb	99
24) Methylene Chloride	3.161	49	771089	18.63	ppb	99
25) Acrylonitrile	3.873	53	373673	94.30	ppb	99
26) trans-1,2-Dichloroethy...	3.301	61	957106	19.20	ppb	100
27) tert-Butyl Methyl Ethe...	3.398	73	1079877	19.59	ppb	88
28) n-hexane	3.362	57	1022122	17.16	ppb	99
29) 1,1-Dichloroethane	3.824	63	1144635	19.24	ppb	99
30) Vinyl Acetate	4.037	86	57937	20.22	ppb	96
31) Diisopropyl ether (DIPE)	3.715	45	1692871	19.39	ppb	99
32) Ethyl-tert-Butyl ether...	4.025	59	1362657	19.62	ppb	99
33) cis-1,2-Dichloroethylene	4.274	61	833783	19.41	ppb	99
34) 2-Butanone	4.773	72	51974	88.08	ppb	93
35) 2,2-Dichloropropane	4.366	77	783132	19.56	ppb	98
36) Tetrahydrofuran	4.645	71	122065	96.96	ppb	98
37) Bromochloromethane	4.445	49	379540	19.21	ppb	99
38) Chloroform	4.506	83	1060648	19.13	ppb	100
39) 1,1,1-Trichloroethane	4.676	97	900485	18.79	ppb	99
40) Cyclohexane	4.439	56	912123	17.18	ppb	99
41) 1,1-Dichloropropylene	4.779	75	853294	18.67	ppb	100
43) Carbon Tetrachloride	4.621	117	733505	18.55	ppb	100
44) tert-Amyl alcohol (TAA)	5.260	59	42875	96.65	ppb	94
45) 1,2-Dichloroethane	5.169	62	543006	18.99	ppb	100

Data Path : C:\msdchem\1\data\VOA7-02-09-26\
 Data File : V7-55272.D
 InstName : MSVOA7
 Acq On : 9 Feb 2026 3:53 pm
 Operator : THD
 Sample : SEQ-CAL8
 Misc : 8260
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 10 10:15:08 2026

Quant Method : C:\msdchem\1\methods\Calibration\V7-8260D-R020926.M

Quant Title : Volatile Organics EPA 8260D & 624.1

QLast Update : Tue Feb 10 10:14:07 2026

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
46) Benzene	4.992	78	2615012	18.80	ppb	100
47) tert-Amyl methyl ether...	5.090	73	1111114	19.80	ppb	97
49) Trichloroethylene	5.491	95	698690	18.26	ppb	99
50) Methyl Cyclohexane	5.479	83	952895	16.44	ppb	99
51) Methyl Methacrylate	6.136	69	179877	20.13	ppb	98
52) Dibromomethane	5.856	93	242506	18.80	ppb	100
53) Bromodichloromethane	6.002	83	744861	18.85	ppb	99
54) 1,2-Dichloropropane	5.947	63	614618	18.46	ppb	100
55) 1,4-Dioxane	6.185	88	14247	394.21	ppb	99
56) 2-Nitropropane	7.006	43	357800	99.70	ppb	100
57) 2-Chloroethyl vinyl ether	6.513	63	197524	19.86	ppb	98
58) cis-1,3-Dichloropropene	6.568	75	874303	19.58	ppb	99
59) 4-Methyl-2-Pentanone	7.140	43	197923	101.24	ppb	99
61) Toluene	6.787	91	2945836	18.65	ppb	99
62) n-Octane	6.610	85	378478	15.70	ppb	98
63) Ethyl Methacrylate	7.322	69	398011	20.52	ppb	99
64) trans-1,3-Dichloropropene	6.568	75	874303	19.58	ppb	99
65) 1,1,2-Trichloroethane	7.322	97	363733	18.98	ppb	98
66) 1,3-Dichloropropane	7.584	76	629219	19.10	ppb	100
67) Tetrachloroethylene	7.140	166	797695	19.37	ppb	99
68) 2-Hexanone	7.943	43	126739	94.91	ppb	100
69) n-Butyl Actetate	7.851	43	335938	20.49	ppb	100
70) Dibromochloromethane	7.493	129	447727	19.50	ppb	100
71) 1,2-Dibromoethane	7.718	107	333863	19.43	ppb	100
72) Chlorobenzene	8.235	112	1854294	18.71	ppb	99
73) 1,1,1,2-tetrachloroethane	8.302	131	578125	19.21	ppb	99
74) n-Nonane	8.168	57	497413	14.79	ppb	99
75) Ethyl Benzene	8.265	91	3306174	18.76	ppb	100
76) p- & m-Xylenes	8.411	91	5030179	38.02	ppb	99
77) o-Xylene	8.849	91	2508931	19.28	ppb	100
78) Styrene	8.904	104	1949524	19.43	ppb	100
79) Bromoform	8.928	173	230933	19.79	ppb	99
81) Isopropylbenzene	9.172	105	3152448	20.36	ppb	100
83) 1,1,2,2-Tetrachloroethane	9.695	83	367130	20.46	ppb	99
84) Bromobenzene	9.573	77	1245248	20.63	ppb	99
85) trans-1,4-Dichloro-2-b...	9.883	53	85399	20.46	ppb	92
86) 1,2,3-Trichloropropane	9.835	110	103837	20.61	ppb	100
87) n-Propylbenzene	9.610	91	3840447	20.20	ppb	99
88) n-Decane	9.597	57	479496	14.46	ppb	99
89) p-Ethyltoluene	9.731	105	3256674	20.72	ppb	100
90) 1,3,5-Trimethylbenzene	9.829	105	2670157	20.49	ppb	100
91) 2-Chlorotoluene	9.774	91	2159729	20.28	ppb	98
92) 4-Chlorotoluene	9.956	91	2266421	20.83	ppb	99
93) tert-Butylbenzene	10.169	119	2549705	20.47	ppb	100
94) 1,2,4-Trimethylbenzene	10.248	105	2719199	20.44	ppb	99
95) sec-Butylbenzene	10.364	105	3389742	19.63	ppb	100
96) Limonene	10.334	68	793263	19.23	ppb	98
97) 1,3-Dichlorobenzene	10.595	146	1442978	20.38	ppb	99
98) p-Isopropyltoluene	10.528	119	2906955	20.32	ppb	100
99) 1,4-Dichlorobenzene	10.699	146	1412262	20.83	ppb	100
100) 1,2,3-Trimethylbenzene	10.729	105	2612623	20.49	ppb	99
101) p-Diethylbenzene	10.936	105	1484421	20.49	ppb	100
102) trans-Decahydronapthalene	10.759	138	478715	17.44	ppb	99
103) 1,2-Dichlorobenzene	11.167	146	1227425	20.65	ppb	99
104) n-Butylbenzene	10.997	91	3220966	20.22	ppb	100
105) Hexachloroethane	11.131	119	512822	21.27	ppb	90
106) n-Undecane	10.912	71	202025	12.67	ppb	98

Data Path : C:\msdchem\1\data\VOA7-02-09-26\
 Data File : V7-55272.D
 InstName : MSVOA7
 Acq On : 9 Feb 2026 3:53 pm
 Operator : THD
 Sample : SEQ-CAL8
 Misc : 8260
 ALS Vial : 10 Sample Multiplier: 1

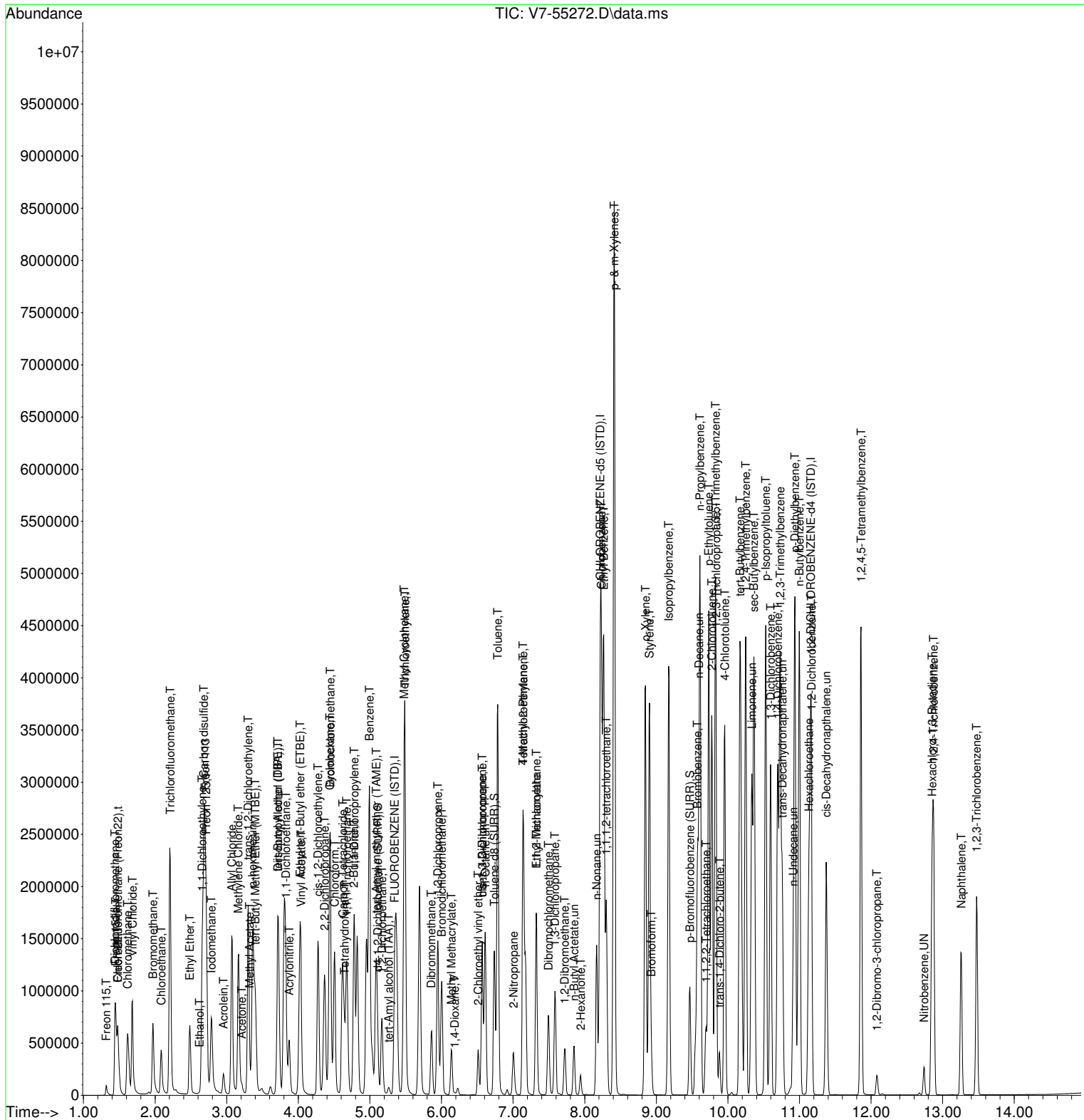
Quant Time: Feb 10 10:15:08 2026
 Quant Method : C:\msdchem\1\methods\Calibration\V7-8260D-R020926.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Tue Feb 10 10:14:07 2026
 Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
107)	cis-Decahydronapthalene	11.374	138	386560	18.50	ppb	# 97
108)	1,2-Dibromo-3-chloropr...	12.080	75	51800	20.52	ppb	97
109)	1,2,4,5-Tetramethylben...	11.861	119	2686776	21.26	ppb	100
110)	Nitrobenzene	12.737	77	157803	220.73	ppb	98
111)	1,2,4-Trichlorobenzene	12.870	180	830447	21.40	ppb	99
112)	Hexachloro-1,3-Butadiene	12.852	225	427906	20.25	ppb	100
113)	Naphthalene	13.260	128	1209575	21.43	ppb	100
114)	1,2,3-Trichlorobenzene	13.473	180	645527	20.99	ppb	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\VOA7-02-09-26\
Data File : V7-55272.D
InstName : MSVOA7
Acq On : 9 Feb 2026 3:53 pm
Operator : THD
Sample : SEQ-CAL8
Misc : 8260
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 10 10:15:08 2026
Quant Method : C:\msdchem\1\methods\Calibration\V7-8260D-R020926.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Tue Feb 10 10:14:07 2026
Response via : Initial Calibration



Data Path : C:\msdchem\1\data\VOA7-02-09-26\
 Data File : V7-55273.D
 InstName : MSVOA7
 Acq On : 9 Feb 2026 4:22 pm
 Operator : THD
 Sample : SEQ-CAL9
 Misc : 8260
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 10 10:15:12 2026

Quant Method : C:\msdchem\1\methods\Calibration\V7-8260D-R020926.M

Quant Title : Volatile Organics EPA 8260D & 624.1

QLast Update : Tue Feb 10 10:14:07 2026

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) FLUOROBENZENE (ISTD)	5.345	50	105303	10.00	ppb	0.00
48) CHLOROBENZENE-d5 (ISTD)	8.216	54	224828	10.00	ppb	0.00
80) 1,2-DICHLOROBENZENE-d4...	11.155	152	430995	10.00	ppb	0.00
System Monitoring Compounds						
42) d4-1,2-Dichloroethane ...	5.108	65	154703	9.04	ppb	0.00
Spiked Amount 10.000	Range 69 - 130		Recovery =	90.40%		
60) Toluene-d8 (SURR)	6.738	98	1008713	8.08	ppb	0.00
Spiked Amount 10.000	Range 81 - 117		Recovery =	80.80%#		
82) p-Bromofluorobenzene (...)	9.470	95	391976	9.57	ppb	0.00
Spiked Amount 10.000	Range 79 - 122		Recovery =	95.70%		
Target Compounds						
					Qvalue	
2) Freon 115	1.316	85	50327	15.85	ppb	99
3) Freon 152a	1.451	65	537345	31.91	ppb	97
4) Dichlorodifluoromethane	1.439	85	1125715	32.74	ppb	100
5) Freon 22	1.480	51	2178768	32.59	ppb	99
6) Chlorodifluoromethane ...	1.480	51	2178768	32.59	ppb	99
7) Chloromethane	1.616	50	1657146	36.10	ppb	100
8) Vinyl Chloride	1.683	62	1765510	38.11	ppb	99
9) Bromomethane	1.969	94	994264	40.81	ppb	100
10) Chloroethane	2.084	64	824594	38.97	ppb	100
11) Trichlorofluoromethane	2.212	101	1860202	38.03	ppb	100
12) Ethyl Ether	2.486	59	811500	41.91	ppb	98
13) Ethanol	2.626	45	53039	1461.89	ppb	# 95
14) Freon 123	2.711	83	1972422	39.74	ppb	97
15) 1,1-Dichloroethylene	2.662	61	1936652	38.33	ppb	98
16) Freon 113	2.699	101	1117842	35.33	ppb	99
17) Acrolein	2.960	56	233945	100.01	ppb	100
18) Acetone	3.210	58	47619	169.78	ppb	93
19) Iodomethane	2.790	142	1967688	45.57	ppb	99
20) Carbon disulfide	2.686	76	4624259	38.56	ppb	100
21) Allyl Chloride	3.070	41	2125269	37.19	ppb	98
22) Methyl Acetate	3.319	74	86366	40.79	ppb	99
23) tert-Butyl Alcohol (TBA)	3.721	59	429300	201.32	ppb	95
24) Methylene Chloride	3.167	49	1599063	37.09	ppb	97
25) Acrylonitrile	3.873	53	789652	191.32	ppb	98
26) trans-1,2-Dichloroethy...	3.301	61	2014666	38.80	ppb	98
27) tert-Butyl Methyl Ethe...	3.398	73	2408827	41.96	ppb	# 67
28) n-hexane	3.368	57	1693183	27.29	ppb	99
29) 1,1-Dichloroethane	3.824	63	2353030	37.97	ppb	99
30) Vinyl Acetate	4.037	86	129832	43.50	ppb	95
31) Diisopropyl ether (DIPE)	3.721	45	3574393	39.31	ppb	98
32) Ethyl-tert-Butyl ether...	4.025	59	2985430	41.27	ppb	99
33) cis-1,2-Dichloroethylene	4.274	61	1725551	38.56	ppb	99
34) 2-Butanone	4.773	72	112154	182.49	ppb	96
35) 2,2-Dichloropropane	4.365	77	1662085	39.86	ppb	95
36) Tetrahydrofuran	4.645	71	273594	208.65	ppb	95
37) Bromochloromethane	4.445	49	756730	36.78	ppb	96
38) Chloroform	4.505	83	2205198	38.18	ppb	99
39) 1,1,1-Trichloroethane	4.682	97	1885961	37.77	ppb	99
40) Cyclohexane	4.445	56	1752223	31.69	ppb	98
41) 1,1-Dichloropropylene	4.779	75	1746738	36.70	ppb	98
43) Carbon Tetrachloride	4.621	117	1542042	37.43	ppb	100
44) tert-Amyl alcohol (TAA)	5.266	59	108761	235.38	ppb	94
45) 1,2-Dichloroethane	5.169	62	1139829	38.28	ppb	100

Data Path : C:\msdchem\1\data\VOA7-02-09-26\
 Data File : V7-55273.D
 InstName : MSVOA7
 Acq On : 9 Feb 2026 4:22 pm
 Operator : THD
 Sample : SEQ-CAL9
 Misc : 8260
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 10 10:15:12 2026
 Quant Method : C:\msdchem\1\methods\Calibration\V7-8260D-R020926.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Tue Feb 10 10:14:07 2026
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
46) Benzene	4.992	78	5366759	37.03	ppb	99
47) tert-Amyl methyl ether...	5.089	73	2456923	42.03	ppb	95
49) Trichloroethylene	5.491	95	1472390	33.52	ppb	99
50) Methyl Cyclohexane	5.479	83	1640144	24.65	ppb	97
51) Methyl Methacrylate	6.142	69	411001	40.06	ppb	97
52) Dibromomethane	5.862	93	516914	34.90	ppb	99
53) Bromodichloromethane	6.002	83	1588561	35.01	ppb	99
54) 1,2-Dichloropropane	5.947	63	1288449	33.71	ppb	100
55) 1,4-Dioxane	6.184	88	36184	872.21	ppb	75
56) 2-Nitropropane	7.006	43	824051	200.03	ppb	99
57) 2-Chloroethyl vinyl ether	6.513	63	435496	38.15	ppb	98
58) cis-1,3-Dichloropropene	6.568	75	1886762	36.80	ppb	99
59) 4-Methyl-2-Pentanone	7.140	43	447205	199.29	ppb	99
61) Toluene	6.787	91	6087433	33.58	ppb	99
62) n-Octane	6.610	85	317088	11.46	ppb	94
63) Ethyl Methacrylate	7.322	69	931733	41.84	ppb	97
64) trans-1,3-Dichloropropene	6.568	75	1886762	36.80	ppb	100
65) 1,1,2-Trichloroethane	7.328	97	787313	35.79	ppb	98
66) 1,3-Dichloropropane	7.590	76	1339648	35.43	ppb	99
67) Tetrachloroethylene	7.146	166	1645471	34.81	ppb	100
68) 2-Hexanone	7.943	43	294727	192.28	ppb	99
69) n-Butyl Actetate	7.851	43	794802	42.22	ppb	99
70) Dibromochloromethane	7.499	129	988059	37.50	ppb	99
71) 1,2-Dibromoethane	7.724	107	721483	36.57	ppb	99
72) Chlorobenzene	8.235	112	3945823	34.69	ppb	98
73) 1,1,1,2-tetrachloroethane	8.302	131	1244726	36.03	ppb	99
74) n-Nonane	8.168	57	311403	8.07	ppb	100
75) Ethyl Benzene	8.265	91	6790933	33.57	ppb	99
76) p- & m-Xylenes	8.411	91	10124633	66.66	ppb	97
77) o-Xylene	8.849	91	5221588	34.96	ppb	98
78) Styrene	8.904	104	4141110	35.95	ppb	99
79) Bromoform	8.928	173	527924	39.41	ppb	99
81) Isopropylbenzene	9.178	105	6276879	38.02	ppb	99
83) 1,1,2,2-Tetrachloroethane	9.695	83	795410	41.58	ppb	99
84) Bromobenzene	9.573	77	2611751	40.59	ppb	97
85) trans-1,4-Dichloro-2-b...	9.883	53	191472	43.03	ppb	91
86) 1,2,3-Trichloropropane	9.835	110	228513	42.54	ppb	99
87) n-Propylbenzene	9.616	91	7440103	36.70	ppb	98
88) n-Decane	9.597	57	307400	8.70	ppb	98
89) p-Ethyltoluene	9.737	105	6397569	38.17	ppb	99
90) 1,3,5-Trimethylbenzene	9.829	105	5343070	38.45	ppb	98
91) 2-Chlorotoluene	9.780	91	4281685	37.71	ppb	96
92) 4-Chlorotoluene	9.956	91	4598326	39.64	ppb	98
93) tert-Butylbenzene	10.169	119	5133224	38.65	ppb	99
94) 1,2,4-Trimethylbenzene	10.248	105	5474096	38.60	ppb	98
95) sec-Butylbenzene	10.370	105	6264848	34.03	ppb	98
96) Limonene	10.333	68	1252509	28.47	ppb	97
97) 1,3-Dichlorobenzene	10.601	146	3037650	40.23	ppb	99
98) p-Isopropyltoluene	10.528	119	5478435	35.92	ppb	99
99) 1,4-Dichlorobenzene	10.698	146	2982768	41.26	ppb	99
100) 1,2,3-Trimethylbenzene	10.729	105	5409625	39.80	ppb	98
101) p-Diethylbenzene	10.936	105	2748976	35.59	ppb	99
102) trans-Decahydronapthalene	10.759	138	552433	18.88	ppb	98
103) 1,2-Dichlorobenzene	11.167	146	2622684	41.39	ppb	99
104) n-Butylbenzene	10.997	91	5944303	35.00	ppb	98
105) Hexachloroethane	11.137	119	1065686	41.46	ppb	86
106) n-Undecane	10.911	71	144494	8.50	ppb	97

Data Path : C:\msdchem\1\data\VOA7-02-09-26\
 Data File : V7-55273.D
 InstName : MSVOA7
 Acq On : 9 Feb 2026 4:22 pm
 Operator : THD
 Sample : SEQ-CAL9
 Misc : 8260
 ALS Vial : 11 Sample Multiplier: 1

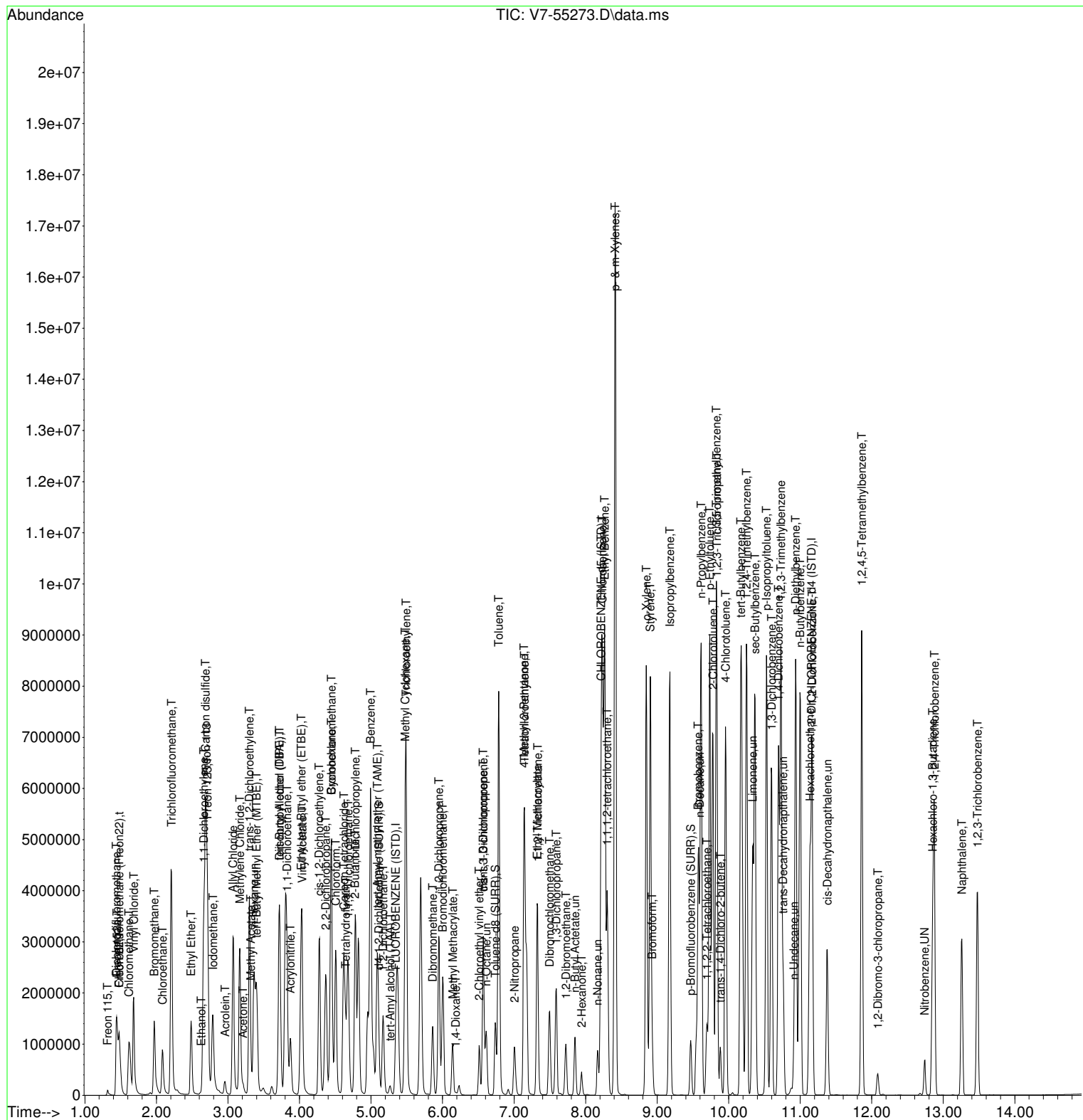
Quant Time: Feb 10 10:15:12 2026
 Quant Method : C:\msdchem\1\methods\Calibration\V7-8260D-R020926.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Tue Feb 10 10:14:07 2026
 Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
107)	cis-Decahydronapthalene	11.380	138	518683	23.29	ppb	# 96
108)	1,2-Dibromo-3-chloropr...	12.086	75	118545	44.04	ppb	94
109)	1,2,4,5-Tetramethylben...	11.860	119	5379817	39.94	ppb	99
110)	Nitrobenzene	12.736	77	407401	534.49	ppb	96
111)	1,2,4-Trichlorobenzene	12.876	180	1760818	42.55	ppb	99
112)	Hexachloro-1,3-Butadiene	12.852	225	678151	30.11	ppb	100
113)	Naphthalene	13.260	128	2724185	45.26	ppb	100
114)	1,2,3-Trichlorobenzene	13.479	180	1423671	43.42	ppb	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data Path   : C:\msdchem\1\data\VOA7-02-09-26\  
Data File  : V7-55273.D  
InstName   : MSVOA7  
Acq On     : 9 Feb 2026    4:22 pm  
Operator   : THD  
Sample     : SEQ-CAL9  
Misc       : 8260  
ALS Vial   : 11    Sample Multiplier: 1
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Quant Time: Feb 10 10:15:12 2026
Quant Method : C:\msdchem\1\methods\Calibration\V7-8260D-R020926.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Tue Feb 10 10:14:07 2026
Response via : Initial Calibration



Data Path : C:\msdchem\1\data\VOA7-02-09-26\
 Data File : V7-55274.D
 InstName : MSVOA7
 Acq On : 9 Feb 2026 4:51 pm
 Operator : THD
 Sample : SEQ-CALA
 Misc : 8260
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 10 10:15:15 2026
 Quant Method : C:\msdchem\1\methods\Calibration\V7-8260D-R020926.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Tue Feb 10 10:14:07 2026
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) FLUOROBENZENE (ISTD)	5.351	50	117389	10.00	ppb	0.00
48) CHLOROBENZENE-d5 (ISTD)	8.223	54	283417	10.00	ppb	0.00
80) 1,2-DICHLOROBENZENE-d4...	11.161	152	451234	10.00	ppb	0.00
System Monitoring Compounds						
42) d4-1,2-Dichloroethane ...	5.114	65	154852	8.12	ppb	0.00
Spiked Amount 10.000	Range	69 - 130	Recovery	=	81.20%	
60) Toluene-d8 (SURR)	6.738	98	1016133	6.45	ppb	0.00
Spiked Amount 10.000	Range	81 - 117	Recovery	=	64.50%#	
82) p-Bromofluorobenzene (...)	9.470	95	398260	9.29	ppb	0.00
Spiked Amount 10.000	Range	79 - 122	Recovery	=	92.90%	
Target Compounds						
					Qvalue	
2) Freon 115	1.316	85	93154	26.32	ppb	99
3) Freon 152a	1.451	65	1023144	54.50	ppb	99
4) Dichlorodifluoromethane	1.439	85	2094754	54.65	ppb	100
5) Freon 22	1.480	51	4114475	55.20	ppb	99
6) Chlorodifluoromethane ...	1.480	51	4114475	55.20	ppb	99
7) Chloromethane	1.616	50	3283938	64.18	ppb	100
8) Vinyl Chloride	1.683	62	3345319	64.78	ppb	98
9) Bromomethane	1.969	94	2061630	75.92	ppb	100
10) Chloroethane	2.084	64	1603639	67.98	ppb	99
11) Trichlorofluoromethane	2.212	101	3393971	62.24	ppb	99
12) Ethyl Ether	2.486	59	1619232	75.02	ppb	97
13) Ethanol	2.626	45	105855	2617.24	ppb	# 93
14) Freon 123	2.711	83	3823587	69.10	ppb	96
15) 1,1-Dichloroethylene	2.662	61	3687820	65.48	ppb	96
16) Freon 113	2.699	101	2066896	58.60	ppb	99
17) Acrolein	2.960	56	461907	177.12	ppb	99
18) Acetone	3.216	58	96263	307.88	ppb	81
19) Iodomethane	2.790	142	3702688	76.93	ppb	99
20) Carbon disulfide	2.687	76	8885009	66.47	ppb	99
21) Allyl Chloride	3.076	41	3746673	58.82	ppb	97
22) Methyl Acetate	3.319	74	173459	73.49	ppb	91
23) tert-Butyl Alcohol (TBA)	3.721	59	898259	377.88	ppb	92
24) Methylene Chloride	3.167	49	3116239	64.84	ppb	94
25) Acrylonitrile	3.873	53	1616052	351.22	ppb	99
26) trans-1,2-Dichloroethy...	3.301	61	3965176	68.50	ppb	96
27) tert-Butyl Methyl Ethe...	3.398	73	4930829	77.06	ppb	# 58
28) n-hexane	3.368	57	2937756	42.48	ppb	98
29) 1,1-Dichloroethane	3.824	63	4801778	69.52	ppb	99
30) Vinyl Acetate	4.037	86	287530	86.42	ppb	82
31) Diisopropyl ether (DIPE)	3.721	45	7267777	71.69	ppb	96
32) Ethyl-tert-Butyl ether...	4.025	59	6252462	77.53	ppb	98
33) cis-1,2-Dichloroethylene	4.280	61	3497512	70.11	ppb	97
34) 2-Butanone	4.779	72	224540	327.74	ppb	97
35) 2,2-Dichloropropane	4.372	77	3336459	71.77	ppb	92
36) Tetrahydrofuran	4.645	71	569120	389.33	ppb	90
37) Bromochloromethane	4.445	49	1455042	63.44	ppb	91
38) Chloroform	4.506	83	4462059	69.30	ppb	99
39) 1,1,1-Trichloroethane	4.682	97	3667400	65.89	ppb	98
40) Cyclohexane	4.445	56	3047466	49.44	ppb	97
41) 1,1-Dichloropropylene	4.779	75	3312745	62.43	ppb	96
43) Carbon Tetrachloride	4.621	117	2964358	64.55	ppb	100
44) tert-Amyl alcohol (TAA)	5.266	59	238900	463.79	ppb	89
45) 1,2-Dichloroethane	5.169	62	2287291	68.91	ppb	99

Data Path : C:\msdchem\1\data\VOA7-02-09-26\
 Data File : V7-55274.D
 InstName : MSVOA7
 Acq On : 9 Feb 2026 4:51 pm
 Operator : THD
 Sample : SEQ-CALA
 Misc : 8260
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 10 10:15:15 2026
 Quant Method : C:\msdchem\1\methods\Calibration\V7-8260D-R020926.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Tue Feb 10 10:14:07 2026
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
46) Benzene	4.992	78	10494006	64.96	ppb	98
47) tert-Amyl methyl ether...	5.090	73	5051242	77.52	ppb	94
49) Trichloroethylene	5.491	95	2932067	52.95	ppb	98
50) Methyl Cyclohexane	5.485	83	2783073	33.18	ppb	96
51) Methyl Methacrylate	6.142	69	860150	66.51	ppb	95
52) Dibromomethane	5.862	93	1057247	56.63	ppb	98
53) Bromodichloromethane	6.002	83	3205153	56.04	ppb	99
54) 1,2-Dichloropropane	5.953	63	2577045	53.48	ppb	99
55) 1,4-Dioxane	6.191	88	75785	1449.15	ppb	70
56) 2-Nitropropane	7.006	43	1689524	325.34	ppb	98
57) 2-Chloroethyl vinyl ether	6.513	63	887219	61.66	ppb	96
58) cis-1,3-Dichloropropene	6.574	75	3797406	58.76	ppb	99
59) 4-Methyl-2-Pentanone	7.140	43	895255	316.48	ppb	96
61) Toluene	6.787	91	11514029	50.38	ppb	96
62) n-Octane	6.610	85	417488	11.97	ppb	89
63) Ethyl Methacrylate	7.322	69	1925388	68.59	ppb	95
64) trans-1,3-Dichloropropene	6.574	75	3797406	58.76	ppb	99
65) 1,1,2-Trichloroethane	7.328	97	1592999	57.44	ppb	97
66) 1,3-Dichloropropane	7.590	76	2654978	55.71	ppb	98
67) Tetrachloroethylene	7.146	166	3181556	53.40	ppb	100
68) 2-Hexanone	7.943	43	586100	303.33	ppb	98
69) n-Butyl Actetate	7.851	43	1617705	68.17	ppb	99
70) Dibromochloromethane	7.499	129	2018993	60.78	ppb	99
71) 1,2-Dibromoethane	7.724	107	1455532	58.53	ppb	99
72) Chlorobenzene	8.241	112	7868665	54.88	ppb	98
73) 1,1,1,2-tetrachloroethane	8.308	131	2521767	57.91	ppb	99
74) n-Nonane	8.174	57	330615	6.80	ppb	100
75) Ethyl Benzene	8.271	91	12357301	48.46	ppb	95
76) p- & m-Xylenes	8.411	91	16968967	88.63	ppb	88
77) o-Xylene	8.849	91	10054038	53.39	ppb	96
78) Styrene	8.910	104	8227438	56.66	ppb	99
79) Bromoform	8.934	173	1104282	65.40	ppb	99
81) Isopropylbenzene	9.178	105	11363123	65.74	ppb	97
83) 1,1,2,2-Tetrachloroethane	9.695	83	1580099	78.89	ppb	99
84) Bromobenzene	9.579	77	5126503	76.09	ppb	96
85) trans-1,4-Dichloro-2-b...	9.883	53	373235	80.11	ppb	85
86) 1,2,3-Trichloropropane	9.835	110	468297	83.27	ppb	99
87) n-Propylbenzene	9.616	91	12919504	60.86	ppb	96
88) n-Decane	9.604	57	280172	7.57	ppb	95
89) p-Ethyltoluene	9.737	105	11459779	65.31	ppb	95
90) 1,3,5-Trimethylbenzene	9.835	105	9744089	66.98	ppb	96
91) 2-Chlorotoluene	9.780	91	8209065	69.05	ppb	95
92) 4-Chlorotoluene	9.956	91	8664009	71.34	ppb	96
93) tert-Butylbenzene	10.175	119	9468212	68.09	ppb	98
94) 1,2,4-Trimethylbenzene	10.255	105	10151191	68.37	ppb	97
95) sec-Butylbenzene	10.370	105	10647015	55.24	ppb	98
96) Limonene	10.340	68	1982338	43.04	ppb	97
97) 1,3-Dichlorobenzene	10.601	146	6005786	75.97	ppb	99
98) p-Isopropyltoluene	10.534	119	9674836	60.59	ppb	98
99) 1,4-Dichlorobenzene	10.699	146	5962224	78.77	ppb	99
100) 1,2,3-Trimethylbenzene	10.735	105	10209853	71.75	ppb	97
101) p-Diethylbenzene	10.942	105	4970218	61.46	ppb	99
102) trans-Decahydronapthalene	10.766	138	748897	24.44	ppb	95
103) 1,2-Dichlorobenzene	11.167	146	5200876	78.39	ppb	99
104) n-Butylbenzene	11.003	91	10521221	59.17	ppb	97
105) Hexachloroethane	11.137	119	2013464	74.83	ppb	83
106) n-Undecane	10.918	71	97067	5.46	ppb	93

Data Path : C:\msdchem\1\data\VOA7-02-09-26\
 Data File : V7-55274.D
 InstName : MSVOA7
 Acq On : 9 Feb 2026 4:51 pm
 Operator : THD
 Sample : SEQ-CALA
 Misc : 8260
 ALS Vial : 12 Sample Multiplier: 1

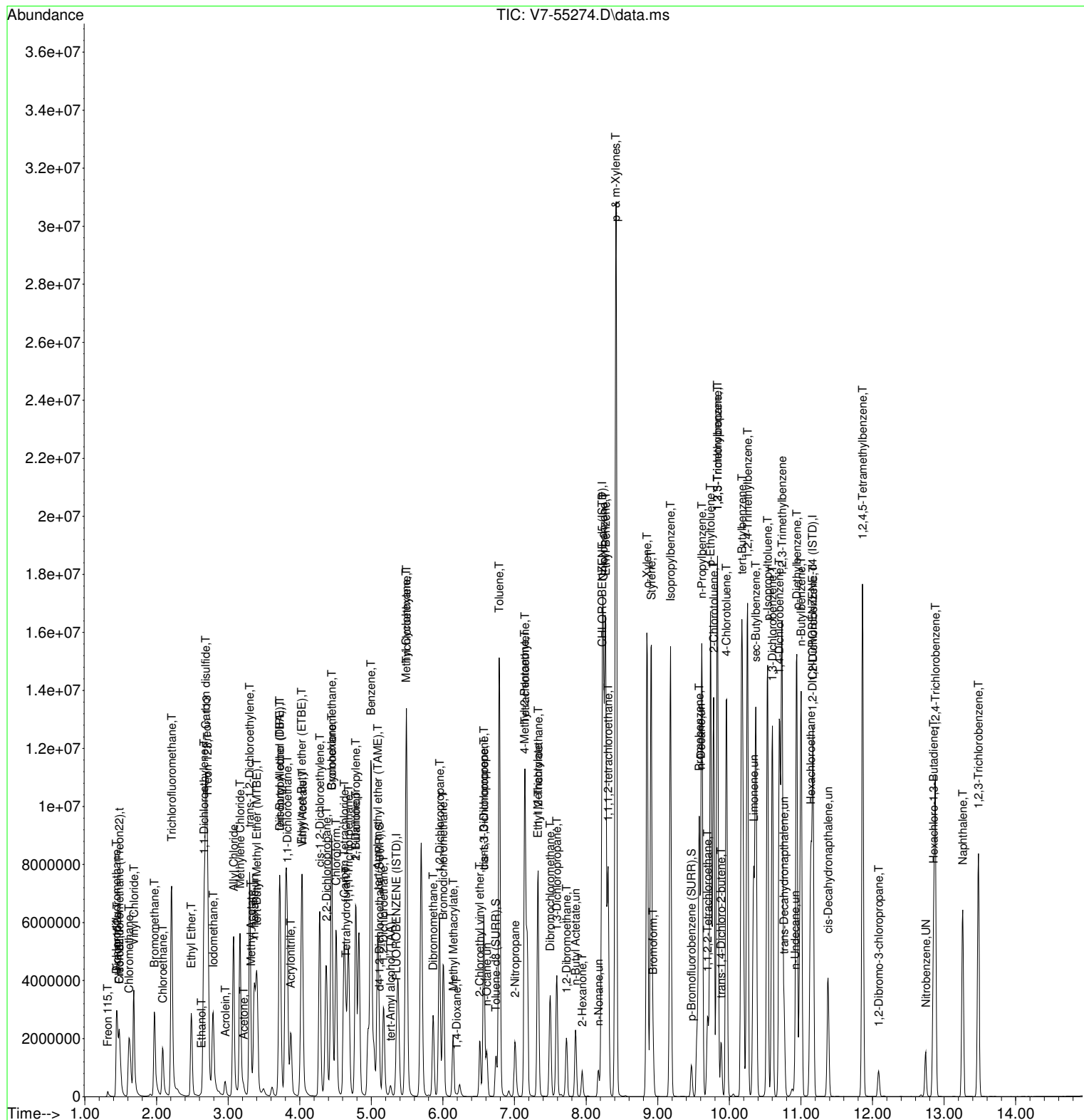
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 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Tue Feb 10 10:14:07 2026
 Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
107)	cis-Decahydronapthalene	11.380	138	746670	32.02	ppb	# 93
108)	1,2-Dibromo-3-chloropr...	12.086	75	243053	86.25	ppb	92
109)	1,2,4,5-Tetramethylben...	11.861	119	10208961	72.38	ppb	97
110)	Nitrobenzene	12.743	77	889812	1115.04	ppb	94
111)	1,2,4-Trichlorobenzene	12.877	180	3606762	83.25	ppb	98
112)	Hexachloro-1,3-Butadiene	12.852	225	1138288	48.27	ppb	99
113)	Naphthalene	13.260	128	5509313	87.43	ppb	99
114)	1,2,3-Trichlorobenzene	13.479	180	2904123	84.60	ppb	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data Path   : C:\msdchem\1\data\VOA7-02-09-26\  
Data File  : V7-55274.D  
InstName   : MSVOA7  
Acq On     : 9 Feb 2026    4:51 pm  
Operator   : THD  
Sample     : SEQ-CALA  
Misc       : 8260  
ALS Vial   : 12    Sample Multiplier: 1
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Quant Time: Feb 10 10:15:15 2026
Quant Method : C:\msdchem\1\methods\Calibration\V7-8260D-R020926.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Tue Feb 10 10:14:07 2026
Response via : Initial Calibration



Data File : V10C18737.D
 Data Path : C:\msdchem\1\data\V10-02-09-2026\
 Acq On : 9 Feb 2026 12:22 pm
 Operator : PMB
 Sample : SEQ-CAL1
 Misc :
 ALS Vial : 3
 InstName : VOA No. 10
 DataAcq Meth:VOA10ACQ.M
 Multiplr: 1.00

Quant Time: Feb 10 09:36:20 2026
 QMeth File : V10-8260D-R020926.M
 Quant Method : C:\msdchem\1\methods\V10-8260D-R020926.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Tue Feb 10 09:35:58 2026
 Response via : Initial Calibration

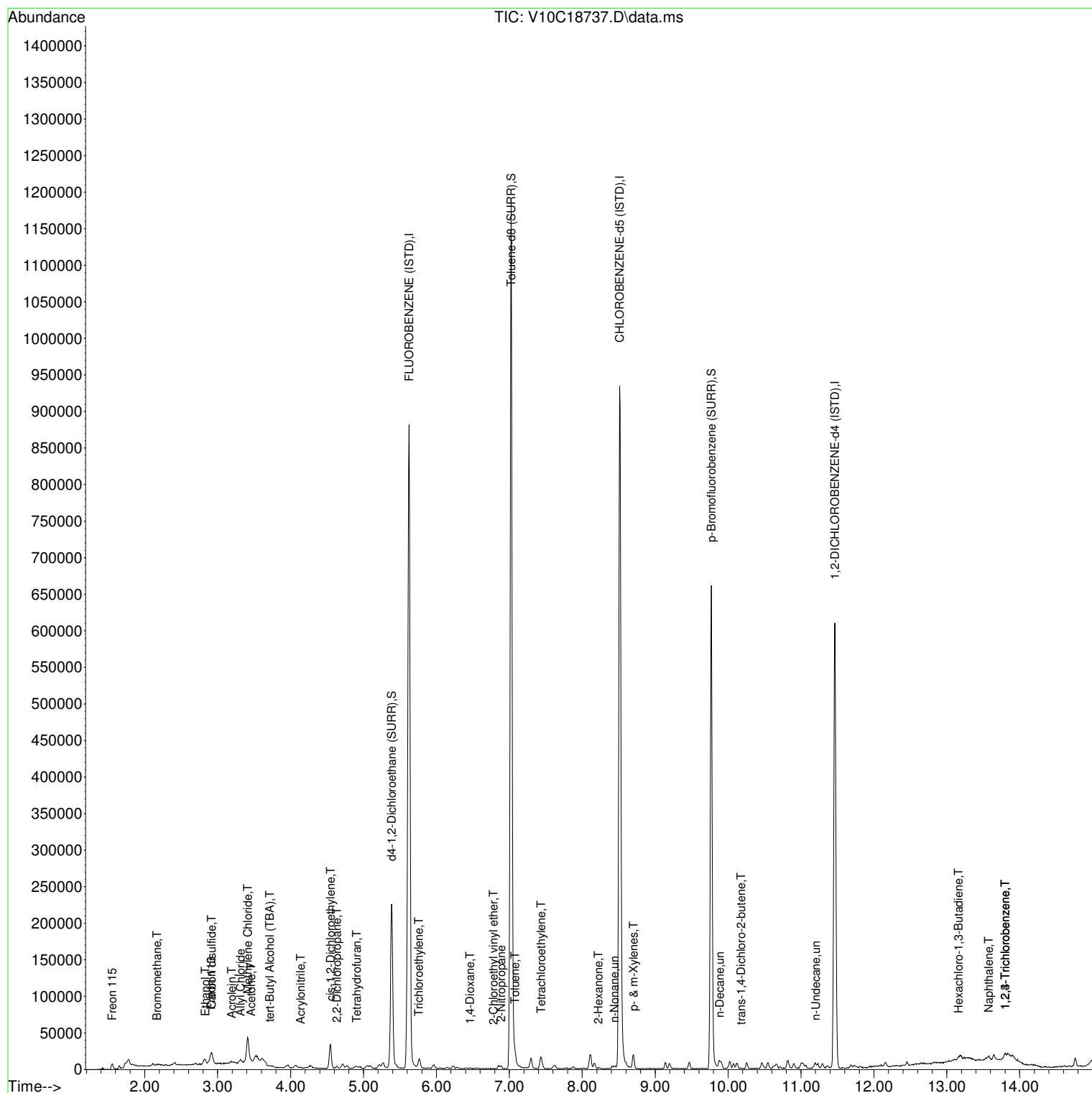
Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
Internal Standards						
1) FLUOROBENZENE (ISTD)	5.624	50	101953	10.00	ppb	0.00
48) CHLOROBENZENE-d5 (ISTD)	8.514	119	188840	10.00	ppb	0.00
80) 1,2-DICHLOROBENZENE-d4...	11.464	152	191262	10.00	ppb	0.00
System Monitoring Compounds						
42) d4-1,2-Dichloroethane ...	5.386	65	173676	9.04	ppb	0.00
Spiked Amount 10.000	Range 69 - 130		Recovery =	90.40%		
60) Toluene-d8 (SURR)	7.026	98	878101	10.56	ppb	0.00
Spiked Amount 10.000	Range 81 - 117		Recovery =	105.60%		
82) p-Bromofluorobenzene (...)	9.769	95	259164	10.27	ppb	0.00
Spiked Amount 10.000	Range 79 - 122		Recovery =	102.70%		
Target Compounds						
						Qvalue
2) Freon 115	1.552	85	1036	0.73	ppb	# 25
9) Bromomethane	2.167	94	710	0.15	ppb	91
13) Ethanol	2.832	45	1404	8.21	ppb	# 43
16) Freon 113	2.911	101	2805	0.16	ppb	87
17) Acrolein	3.191	56	2389	1.45	ppb	87
18) Acetone	3.460	58	1563	0.75	ppb	88
20) Carbon disulfide	2.917	76	15813	0.29	ppb	98
21) Allyl Chloride	3.313	41	3359	0.18	ppb	95
23) tert-Butyl Alcohol (TBA)	3.716	59	384	2.29	ppb	# 1
24) Methylene Chloride	3.411	49	19420	0.81	ppb	98
25) Acrylonitrile	4.136	53	1055	0.47	ppb	93
33) cis-1,2-Dichloroethylene	4.545	61	21642	0.90	ppb	98
35) 2,2-Dichloropropane	4.630	77	2403	0.28	ppb	86
36) Tetrahydrofuran	4.905	71	444	0.57	ppb	# 78
49) Trichloroethylene	5.758	95	3328	0.19	ppb	92
55) 1,4-Dioxane	6.459	88	378	5.55	ppb	# 53
56) 2-Nitropropane	6.886	43	2087	0.56	ppb	86
57) 2-Chloroethyl vinyl ether	6.782	63	53	0.87	ppb	# 100
61) Toluene	7.075	91	12383	0.16	ppb	99
67) Tetrachloroethylene	7.435	166	5664	0.27	ppb	97
68) 2-Hexanone	8.221	43	1199	0.30	ppb	# 56
74) n-Nonane	8.440	57	1488	0.18	ppb	# 87
76) p- & m-Xylenes	8.703	91	12477	0.21	ppb	98
85) trans-1,4-Dichloro-2-b...	10.178	53	188	0.15	ppb	# 1
88) n-Decane	9.885	57	2039	0.32	ppb	# 63
106) n-Undecane	11.202	71	1282	0.65	ppb	# 58
111) 1,2,4-Trichlorobenzene	13.799	180	1217	0.40	ppb	# 86
112) Hexachloro-1,3-Butadiene	13.159	225	804	0.32	ppb	# 67
113) Naphthalene	13.574	128	4133	0.42	ppb	95
114) 1,2,3-Trichlorobenzene	13.799	180	1217	0.40	ppb	# 86

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : V10C18737.D
Data Path : C:\msdchem\1\data\V10-02-09-2026\
Acq On : 9 Feb 2026 12:22 pm
Operator : PMB
Sample : SEQ-CAL1
Misc :
ALS Vial : 3
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Multiplr: 1.00

Quant Time: Feb 10 09:36:20 2026
QMeth File : V10-8260D-R020926.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R020926.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Tue Feb 10 09:35:58 2026
Response via : Initial Calibration



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Data File : V10C18738.D
 Data Path : C:\msdchem\1\data\V10-02-09-2026\
 Acq On : 9 Feb 2026 12:52 pm
 Operator : PMB
 Sample : SEQ-CAL2
 Misc :
 ALS Vial : 4
 InstName : VOA No. 10
 DataAcq Meth:VOA10ACQ.M
 Multiplr: 1.00

Quant Time: Feb 10 09:36:25 2026
 QMeth File : V10-8260D-R020926.M
 Quant Method : C:\msdchem\1\methods\V10-8260D-R020926.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Tue Feb 10 09:35:58 2026
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
Internal Standards						
1) FLUOROBENZENE (ISTD)	5.624	50	98384	10.00	ppb	0.00
48) CHLOROBENZENE-d5 (ISTD)	8.520	119	187984	10.00	ppb	0.00
80) 1,2-DICHLOROBENZENE-d4...	11.464	152	198047	10.00	ppb	0.00
System Monitoring Compounds						
42) d4-1,2-Dichloroethane ...	5.386	65	182568	9.84	ppb	0.00
Spiked Amount 10.000	Range 69 - 130		Recovery =	98.40%		
60) Toluene-d8 (SURR)	7.026	98	871706	10.53	ppb	0.00
Spiked Amount 10.000	Range 81 - 117		Recovery =	105.30%		
82) p-Bromofluorobenzene (...)	9.769	95	263484	10.09	ppb	0.00
Spiked Amount 10.000	Range 79 - 122		Recovery =	100.90%		
Target Compounds						
					Qvalue	
2) Freon 115	1.575	85	1166	0.85	ppb	# 25
7) Chloromethane	1.765	50	3982	0.19	ppb	# 89
8) Vinyl Chloride	1.838	62	3196	0.16	ppb	# 63
9) Bromomethane	2.149	94	1492	0.33	ppb	# 92
10) Chloroethane	2.283	64	2804	0.28	ppb	# 85
11) Trichlorofluoromethane	2.417	101	3675	0.15	ppb	# 93
12) Ethyl Ether	2.692	59	2787	0.24	ppb	# 93
13) Ethanol	2.832	45	1297	7.86	ppb	# 41
14) Freon 123	2.935	83	5233	0.20	ppb	# 95
15) 1,1-Dichloroethylene	2.887	61	5652	0.20	ppb	# 95
16) Freon 113	2.923	101	3596	0.21	ppb	# 95
17) Acrolein	3.191	56	3779	2.38	ppb	# 85
18) Acetone	3.447	58	538	0.27	ppb	# 34
19) Iodomethane	3.015	142	1471	0.21	ppb	# 82
20) Carbon disulfide	2.917	76	14724	0.28	ppb	# 94
21) Allyl Chloride	3.313	41	7669	0.41	ppb	# 92
22) Methyl Acetate	3.618	74	296	0.30	ppb	# 73
23) tert-Butyl Alcohol (TBA)	3.722	59	579	3.58	ppb	# 1
24) Methylene Chloride	3.411	49	22125	0.96	ppb	# 98
25) Acrylonitrile	4.130	53	2979	1.36	ppb	# 97
26) trans-1,2-Dichloroethy...	3.551	61	7515	0.25	ppb	# 98
27) tert-Butyl Methyl Ethe...	3.630	73	9263	0.43	ppb	# 53
28) n-hexane	3.606	57	8863	0.22	ppb	# 83
29) 1,1-Dichloroethane	4.088	63	7700	0.28	ppb	# 97
30) Vinyl Acetate	4.277	86	420	0.23	ppb	# 11
31) Diisopropyl ether (DIPE)	3.954	45	12590	0.25	ppb	# 98
32) Ethyl-tert-Butyl ether...	4.277	59	9895	0.34	ppb	# 89
33) cis-1,2-Dichloroethylene	4.539	61	7862	0.34	ppb	# 99
35) 2,2-Dichloropropane	4.630	77	5636	0.67	ppb	# 87
36) Tetrahydrofuran	4.917	71	1016	1.36	ppb	# 92
37) Bromochloromethane	4.709	49	3012	0.29	ppb	# 90
38) Chloroform	4.777	83	7514	0.27	ppb	# 97
39) 1,1,1-Trichloroethane	4.953	97	5148	0.22	ppb	# 98
40) Cyclohexane	4.709	56	6088	0.19	ppb	# 92
41) 1,1-Dichloropropylene	5.057	75	5448	0.23	ppb	# 90
43) Carbon Tetrachloride	4.892	117	3804	0.22	ppb	# 99
44) tert-Amyl alcohol (TAA)	5.532	59	463	1.65	ppb	# 72
45) 1,2-Dichloroethane	5.447	62	4767	0.29	ppb	# 99
46) Benzene	5.270	78	18154	0.25	ppb	# 99
47) tert-Amyl methyl ether...	5.350	73	7678	0.35	ppb	# 96
49) Trichloroethylene	5.764	95	5007	0.29	ppb	# 89

Data File : V10C18738.D
 Data Path : C:\msdchem\1\data\V10-02-09-2026\
 Acq On : 9 Feb 2026 12:52 pm
 Operator : PMB
 Sample : SEQ-CAL2
 Misc :
 ALS Vial : 4
 InstName : VOA No. 10
 DataAcq Meth:VOA10ACQ.M
 Multiplr: 1.00

Quant Time: Feb 10 09:36:25 2026
 QMeth File : V10-8260D-R020926.M
 Quant Method : C:\msdchem\1\methods\V10-8260D-R020926.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Tue Feb 10 09:35:58 2026
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
50) Methyl Cyclohexane	5.758	83	5758	0.18	ppb	95
51) Methyl Methacrylate	6.410	69	1334	0.25	ppb	80
52) Dibromomethane	6.142	93	1471	0.26	ppb	95
53) Bromodichloromethane	6.282	83	4482	0.26	ppb	# 98
54) 1,2-Dichloropropane	6.227	63	4006	0.25	ppb	96
55) 1,4-Dioxane	6.471	88	484	7.13	ppb	71
56) 2-Nitropropane	6.886	43	3995	1.08	ppb	92
57) 2-Chloroethyl vinyl ether	6.794	63	312	5.14	ppb	# 100
58) cis-1,3-Dichloropropene	6.855	75	4955	0.24	ppb	87
59) 4-Methyl-2-Pentanone	7.428	43	1553	0.27	ppb	# 60
61) Toluene	7.075	91	19948	0.27	ppb	99
62) n-Octane	6.880	85	1762	0.19	ppb	85
63) Ethyl Methacrylate	7.599	69	2624	0.23	ppb	93
64) trans-1,3-Dichloropropene	7.459	75	3777	0.26	ppb	94
65) 1,1,2-Trichloroethane	7.611	97	2279	0.26	ppb	90
66) 1,3-Dichloropropane	7.880	76	4387	0.27	ppb	94
67) Tetrachloroethylene	7.441	166	5379	0.26	ppb	98
68) 2-Hexanone	8.227	43	1403	0.35	ppb	# 71
69) n-Butyl Actetate	8.130	43	2972	0.29	ppb	# 86
70) Dibromochloromethane	7.788	129	2024	0.22	ppb	# 93
71) 1,2-Dibromoethane	8.020	107	1798	0.24	ppb	90
72) Chlorobenzene	8.532	112	10975	0.25	ppb	# 1
73) 1,1,1,2-tetrachloroethane	8.593	131	2929	0.24	ppb	# 1
74) n-Nonane	8.440	57	2562	0.30	ppb	# 78
75) Ethyl Benzene	8.556	91	20676	0.26	ppb	96
76) p- & m-Xylenes	8.703	91	29360	0.49	ppb	99
77) o-Xylene	9.142	91	14479	0.25	ppb	99
78) Styrene	9.196	104	9363	0.22	ppb	99
79) Bromoform	9.227	173	995	0.25	ppb	96
81) Isopropylbenzene	9.471	105	16846	0.23	ppb	98
83) 1,1,2,2-Tetrachloroethane	9.989	83	1907	0.25	ppb	95
84) Bromobenzene	9.879	77	6812	0.25	ppb	97
85) trans-1,4-Dichloro-2-b...	10.184	53	338	0.26	ppb	# 73
87) n-Propylbenzene	9.910	91	19604	0.23	ppb	99
88) n-Decane	9.879	57	1789	0.27	ppb	90
89) p-Ethyltoluene	10.025	105	16032	0.24	ppb	99
90) 1,3,5-Trimethylbenzene	10.117	105	12245	0.23	ppb	98
91) 2-Chlorotoluene	10.074	91	12442	0.25	ppb	100
92) 4-Chlorotoluene	10.257	91	11519	0.25	ppb	93
93) tert-Butylbenzene	10.464	119	11635	0.23	ppb	98
94) 1,2,4-Trimethylbenzene	10.544	105	11686	0.23	ppb	97
95) sec-Butylbenzene	10.660	105	14086	0.22	ppb	97
96) Limonene	10.629	68	2472	0.18	ppb	89
97) 1,3-Dichlorobenzene	10.903	146	6150	0.26	ppb	95
98) p-Isopropyltoluene	10.824	119	11072	0.22	ppb	98
99) 1,4-Dichlorobenzene	11.007	146	5877	0.26	ppb	97
100) 1,2,3-Trimethylbenzene	11.031	105	10776	0.24	ppb	98
101) p-Diethylbenzene	11.239	105	4953	0.23	ppb	98
102) trans-Decahydronapthalene	11.068	138	1453	0.22	ppb	97
103) 1,2-Dichlorobenzene	11.476	146	4954	0.26	ppb	# 56
104) n-Butylbenzene	11.294	91	11576	0.25	ppb	94
105) Hexachloroethane	11.446	119	1042	0.19	ppb	# 1
106) n-Undecane	11.202	71	536	0.26	ppb	# 47
107) cis-Decahydronapthalene	11.690	138	992	0.22	ppb	# 78
109) 1,2,4,5-Tetramethylben...	12.159	119	6496	0.24	ppb	98

Data File : V10C18738.D
 Data Path : C:\msdchem\1\data\V10-02-09-2026\
 Acq On : 9 Feb 2026 12:52 pm
 Operator : PMB
 Sample : SEQ-CAL2
 Misc :
 ALS Vial : 4
 InstName : VOA No. 10
 DataAcq Meth:VOA10ACQ.M
 Multiplr: 1.00

Quant Time: Feb 10 09:36:25 2026
 QMeth File : V10-8260D-R020926.M
 Quant Method : C:\msdchem\1\methods\V10-8260D-R020926.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Tue Feb 10 09:35:58 2026
 Response via : Initial Calibration

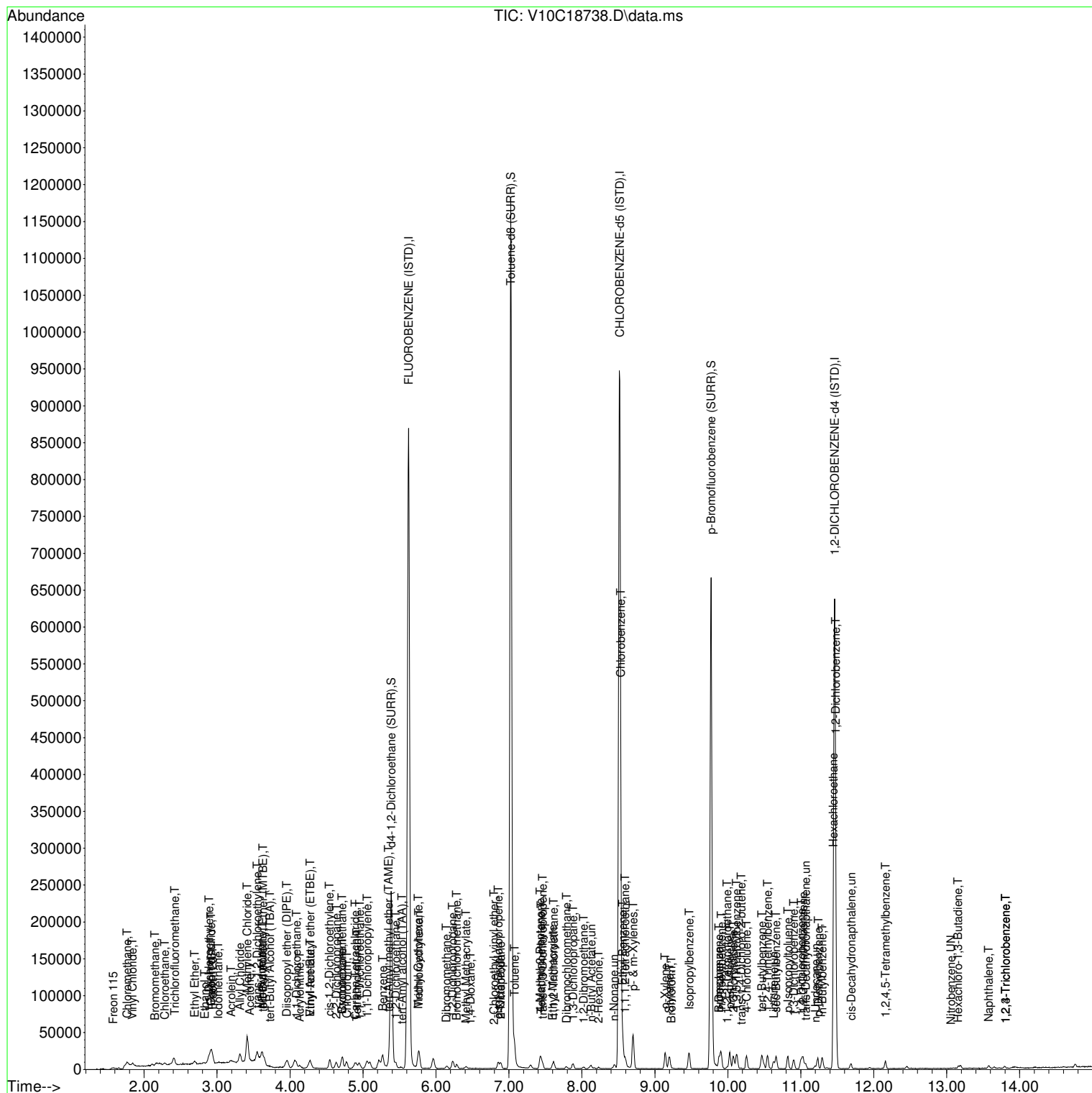
Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
110) Nitrobenzene	13.055	77	367	4.13	ppb	# 30
111) 1,2,4-Trichlorobenzene	13.805	180	1030	0.33	ppb	# 88
112) Hexachloro-1,3-Butadiene	13.153	225	890	0.34	ppb	89
113) Naphthalene	13.574	128	3879	0.38	ppb	95
114) 1,2,3-Trichlorobenzene	13.805	180	1030	0.33	ppb	# 88

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : V10C18738.D
Data Path : C:\msdchem\1\data\V10-02-09-2026\
Acq On : 9 Feb 2026 12:52 pm
Operator : PMB
Sample : SEQ-CAL2
Misc :
ALS Vial : 4
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Multiplr: 1.00

Quant Time: Feb 10 09:36:25 2026
QMeth File : V10-8260D-R020926.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R020926.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Tue Feb 10 09:35:58 2026
Response via : Initial Calibration



Data File : V10C18739.D
 Data Path : C:\msdchem\1\data\V10-02-09-2026\
 Acq On : 9 Feb 2026 1:21 pm
 Operator : PMB
 Sample : SEQ-CAL3
 Misc :
 ALS Vial : 5
 InstName : VOA No. 10
 DataAcq Meth:VOA10ACQ.M
 Multiplr: 1.00

Quant Time: Feb 10 09:36:29 2026
 QMeth File : V10-8260D-R020926.M
 Quant Method : C:\msdchem\1\methods\V10-8260D-R020926.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Tue Feb 10 09:35:58 2026
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
Internal Standards						
1) FLUOROBENZENE (ISTD)	5.624	50	93188	10.00	ppb	0.00
48) CHLOROBENZENE-d5 (ISTD)	8.520	119	184463	10.00	ppb	0.00
80) 1,2-DICHLOROBENZENE-d4...	11.464	152	199355	10.00	ppb	0.00
System Monitoring Compounds						
42) d4-1,2-Dichloroethane ...	5.386	65	181399	10.33	ppb	0.00
Spiked Amount 10.000	Range 69 - 130		Recovery =	103.30%		
60) Toluene-d8 (SURR)	7.026	98	834755	10.28	ppb	0.00
Spiked Amount 10.000	Range 81 - 117		Recovery =	102.80%		
82) p-Bromofluorobenzene (...)	9.769	95	258646	9.84	ppb	0.00
Spiked Amount 10.000	Range 79 - 122		Recovery =	98.40%		
Target Compounds						
					Qvalue	
3) Freon 152a	1.587	65	1981	0.29	ppb	87
4) Dichlorodifluoromethane	1.575	85	2788	0.20	ppb	97
5) Freon 22	1.622	67	750	0.28	ppb	76
6) Chlorodifluoromethane ...	1.622	67	750	0.28	ppb	76
7) Chloromethane	1.771	50	7279	0.37	ppb	# 88
8) Vinyl Chloride	1.844	62	6013	0.31	ppb	# 71
9) Bromomethane	2.161	94	2927	0.68	ppb	97
10) Chloroethane	2.289	64	4283	0.46	ppb	97
11) Trichlorofluoromethane	2.417	101	7766	0.34	ppb	97
12) Ethyl Ether	2.691	59	6125	0.56	ppb	94
13) Ethanol	2.838	45	3063	19.60	ppb	# 56
14) Freon 123	2.935	83	10464	0.42	ppb	96
15) 1,1-Dichloroethylene	2.886	61	10919	0.40	ppb	97
16) Freon 113	2.917	101	6635	0.40	ppb	95
17) Acrolein	3.191	56	5778	3.85	ppb	83
18) Acetone	3.459	58	778	0.41	ppb	88
19) Iodomethane	3.027	142	2707	0.41	ppb	94
20) Carbon disulfide	2.917	76	24691	0.49	ppb	94
21) Allyl Chloride	3.313	41	15345	0.88	ppb	99
22) Methyl Acetate	3.612	74	900	0.97	ppb	# 1
23) tert-Butyl Alcohol (TBA)	3.709	59	1394	9.11	ppb	# 1
24) Methylene Chloride	3.417	49	27924	1.28	ppb	98
25) Acrylonitrile	4.130	53	6673	3.23	ppb	91
26) trans-1,2-Dichloroethy...	3.545	61	14486	0.52	ppb	98
27) tert-Butyl Methyl Ethe...	3.624	73	19728	0.97	ppb	# 34
28) n-hexane	3.612	57	17960	0.48	ppb	86
29) 1,1-Dichloroethane	4.087	63	15668	0.60	ppb	99
30) Vinyl Acetate	4.289	86	931	0.55	ppb	35
31) Diisopropyl ether (DIPE)	3.959	45	26290	0.56	ppb	99
32) Ethyl-tert-Butyl ether...	4.270	59	21553	0.78	ppb	89
33) cis-1,2-Dichloroethylene	4.545	61	13863	0.63	ppb	98
34) 2-Butanone	5.020	72	867	0.53	ppb	# 36
35) 2,2-Dichloropropane	4.630	77	11578	1.46	ppb	92
36) Tetrahydrofuran	4.917	71	1990	2.80	ppb	93
37) Bromochloromethane	4.715	49	5753	0.58	ppb	97
38) Chloroform	4.776	83	15196	0.58	ppb	97
39) 1,1,1-Trichloroethane	4.953	97	10880	0.50	ppb	97
40) Cyclohexane	4.709	56	12924	0.43	ppb	96
41) 1,1-Dichloropropylene	5.057	75	11071	0.49	ppb	91
43) Carbon Tetrachloride	4.892	117	8257	0.50	ppb	100
44) tert-Amyl alcohol (TAA)	5.532	59	1019	3.83	ppb	# 72

Data File : V10C18739.D
 Data Path : C:\msdchem\1\data\V10-02-09-2026\
 Acq On : 9 Feb 2026 1:21 pm
 Operator : PMB
 Sample : SEQ-CAL3
 Misc :
 ALS Vial : 5
 InstName : VOA No. 10
 DataAcq Meth:VOA10ACQ.M
 Multiplr: 1.00

Quant Time: Feb 10 09:36:29 2026
 QMeth File : V10-8260D-R020926.M
 Quant Method : C:\msdchem\1\methods\V10-8260D-R020926.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Tue Feb 10 09:35:58 2026
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
45) 1,2-Dichloroethane	5.447	62	9565	0.62	ppb	97
46) Benzene	5.270	78	37238	0.55	ppb	98
47) tert-Amyl methyl ether...	5.355	73	16281	0.77	ppb	97
49) Trichloroethylene	5.770	95	9661	0.56	ppb	94
50) Methyl Cyclohexane	5.764	83	12667	0.41	ppb	97
51) Methyl Methacrylate	6.410	69	3070	0.59	ppb	91
52) Dibromomethane	6.142	93	3039	0.55	ppb	97
53) Bromodichloromethane	6.288	83	8611	0.51	ppb	98
54) 1,2-Dichloropropane	6.233	63	9105	0.57	ppb	98
55) 1,4-Dioxane	6.465	88	858	12.89	ppb	95
56) 2-Nitropropane	6.886	43	8188	2.26	ppb	88
58) cis-1,3-Dichloropropene	6.855	75	11044	0.55	ppb	98
59) 4-Methyl-2-Pentanone	7.416	43	3618	0.64	ppb	91
61) Toluene	7.075	91	40949	0.56	ppb	99
62) n-Octane	6.886	85	3795	0.42	ppb	87
63) Ethyl Methacrylate	7.599	69	5456	0.50	ppb	97
64) trans-1,3-Dichloropropene	7.459	75	8257	0.58	ppb	98
65) 1,1,2-Trichloroethane	7.617	97	4913	0.56	ppb	96
66) 1,3-Dichloropropane	7.879	76	9164	0.58	ppb	90
67) Tetrachloroethylene	7.434	166	9926	0.49	ppb	100
68) 2-Hexanone	8.227	43	2670	0.68	ppb	86
69) n-Butyl Actetate	8.129	43	6059	0.60	ppb	# 96
70) Dibromochloromethane	7.788	129	4346	0.48	ppb	96
71) 1,2-Dibromoethane	8.020	107	4226	0.58	ppb	99
72) Chlorobenzene	8.538	112	23165	0.54	ppb	# 54
73) 1,1,1,2-tetrachloroethane	8.599	131	6042	0.50	ppb	# 54
74) n-Nonane	8.440	57	4638	0.56	ppb	87
75) Ethyl Benzene	8.556	91	43136	0.54	ppb	96
76) p- & m-Xylenes	8.702	91	63498	1.07	ppb	99
77) o-Xylene	9.141	91	31094	0.55	ppb	100
78) Styrene	9.202	104	20339	0.50	ppb	98
79) Bromoform	9.227	173	1976	0.50	ppb	94
81) Isopropylbenzene	9.464	105	36940	0.49	ppb	99
83) 1,1,2,2-Tetrachloroethane	9.989	83	3954	0.52	ppb	96
84) Bromobenzene	9.879	77	14237	0.53	ppb	98
85) trans-1,4-Dichloro-2-b...	10.178	53	835	0.64	ppb	# 32
86) 1,2,3-Trichloropropane	10.141	110	1237	0.53	ppb	95
87) n-Propylbenzene	9.903	91	42649	0.50	ppb	99
88) n-Decane	9.879	57	3313	0.50	ppb	98
89) p-Ethyltoluene	10.025	105	34663	0.51	ppb	99
90) 1,3,5-Trimethylbenzene	10.117	105	26925	0.50	ppb	98
91) 2-Chlorotoluene	10.074	91	27846	0.55	ppb	98
92) 4-Chlorotoluene	10.257	91	24337	0.53	ppb	99
93) tert-Butylbenzene	10.464	119	24787	0.49	ppb	100
94) 1,2,4-Trimethylbenzene	10.544	105	25513	0.50	ppb	98
95) sec-Butylbenzene	10.659	105	31217	0.48	ppb	99
96) Limonene	10.629	68	5874	0.43	ppb	96
97) 1,3-Dichlorobenzene	10.903	146	12901	0.55	ppb	98
98) p-Isopropyltoluene	10.824	119	24423	0.48	ppb	98
99) 1,4-Dichlorobenzene	11.001	146	12700	0.55	ppb	99
100) 1,2,3-Trimethylbenzene	11.031	105	22363	0.49	ppb	97
101) p-Diethylbenzene	11.232	105	10514	0.49	ppb	99
102) trans-Decahydronapthalene	11.068	138	3183	0.47	ppb	97
103) 1,2-Dichlorobenzene	11.476	146	10473	0.55	ppb	# 74
104) n-Butylbenzene	11.293	91	23785	0.51	ppb	97

Data File : V10C18739.D
 Data Path : C:\msdchem\1\data\V10-02-09-2026\
 Acq On : 9 Feb 2026 1:21 pm
 Operator : PMB
 Sample : SEQ-CAL3
 Misc :
 ALS Vial : 5
 InstName : VOA No. 10
 DataAcq Meth:VOA10ACQ.M
 Multiplr: 1.00

Quant Time: Feb 10 09:36:29 2026
 QMeth File : V10-8260D-R020926.M
 Quant Method : C:\msdchem\1\methods\V10-8260D-R020926.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Tue Feb 10 09:35:58 2026
 Response via : Initial Calibration

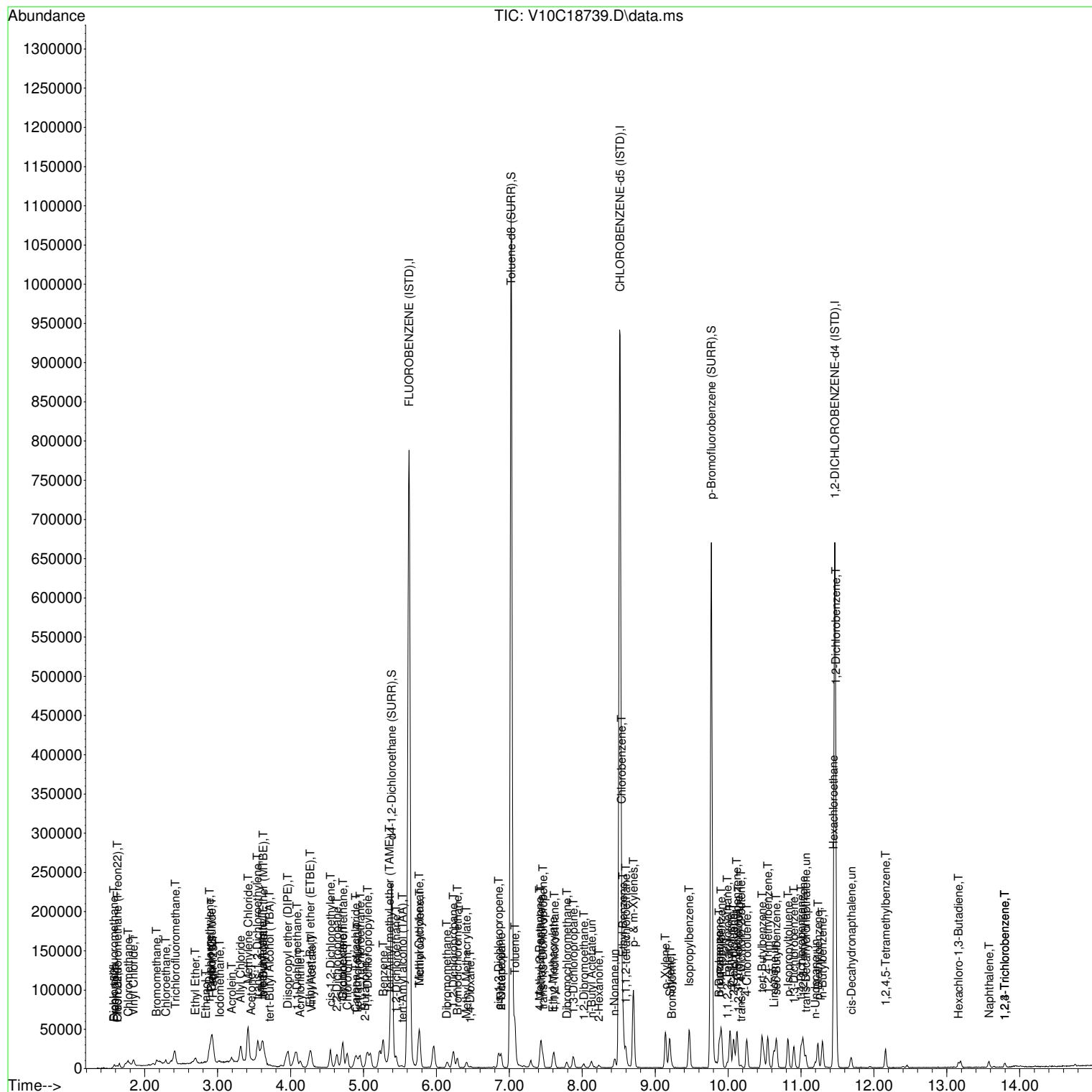
	Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
105)	Hexachloroethane	11.446	119	2589	0.46	ppb	# 1
106)	n-Undecane	11.196	71	1145	0.56	ppb	86
107)	cis-Decahydronapthalene	11.690	138	2284	0.49	ppb	# 94
109)	1,2,4,5-Tetramethylben...	12.159	119	14179	0.51	ppb	97
111)	1,2,4-Trichlorobenzene	13.793	180	2047	0.64	ppb	99
112)	Hexachloro-1,3-Butadiene	13.159	225	1631	0.63	ppb	96
113)	Naphthalene	13.579	128	6357	0.62	ppb	97
114)	1,2,3-Trichlorobenzene	13.793	180	2047	0.64	ppb	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : V10C18739.D
Data Path : C:\msdchem\1\data\V10-02-09-2026\
Acq On : 9 Feb 2026 1:21 pm
Operator : PMB
Sample : SEQ-CAL3
Misc :
ALS Vial : 5
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Multiplr: 1.00

Quant Time: Feb 10 09:36:29 2026
QMeth File : V10-8260D-R020926.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R020926.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Tue Feb 10 09:35:58 2026
Response via : Initial Calibration



Data File : V10C18740.D
 Data Path : C:\msdchem\1\data\V10-02-09-2026\
 Acq On : 9 Feb 2026 1:51 pm
 Operator : PMB
 Sample : SEQ-CAL4
 Misc :
 ALS Vial : 6
 InstName : VOA No. 10
 DataAcq Meth:VOA10ACQ.M

Multiplr: 1.00

Quant Time: Feb 10 09:36:33 2026
 QMeth File : V10-8260D-R020926.M
 Quant Method : C:\msdchem\1\methods\V10-8260D-R020926.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Tue Feb 10 09:35:58 2026
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)

Internal Standards						
1) FLUOROBENZENE (ISTD)	5.618	50	86968	10.00	ppb	0.00
48) CHLOROBENZENE-d5 (ISTD)	8.520	119	174639	10.00	ppb	0.00
80) 1,2-DICHLOROBENZENE-d4...	11.464	152	186276	10.00	ppb	0.00
System Monitoring Compounds						
42) d4-1,2-Dichloroethane ...	5.380	65	156336	9.54	ppb	0.00
Spiked Amount 10.000	Range 69 - 130		Recovery =	95.40%		
60) Toluene-d8 (SURR)	7.026	98	785219	10.21	ppb	0.00
Spiked Amount 10.000	Range 81 - 117		Recovery =	102.10%		
82) p-Bromofluorobenzene (...)	9.769	95	246853	10.05	ppb	0.00
Spiked Amount 10.000	Range 79 - 122		Recovery =	100.50%		
Target Compounds						
					Qvalue	
2) Freon 115	1.457	85	1235	1.01	ppb	# 84
3) Freon 152a	1.599	65	6684	1.04	ppb	97
4) Dichlorodifluoromethane	1.593	85	11369	0.86	ppb	96
5) Freon 22	1.634	67	2615	1.05	ppb	97
6) Chlorodifluoromethane ...	1.634	67	2615	1.05	ppb	97
7) Chloromethane	1.783	50	18673	1.02	ppb	100
8) Vinyl Chloride	1.856	62	15324	0.86	ppb	91
9) Bromomethane	2.173	94	2212	0.55	ppb	98
10) Chloroethane	2.307	64	8577	0.98	ppb	93
11) Trichlorofluoromethane	2.411	101	15836	0.75	ppb	95
12) Ethyl Ether	2.673	59	9269	0.91	ppb	98
13) Ethanol	2.832	45	6791	46.57	ppb	# 90
14) Freon 123	2.923	83	21341	0.91	ppb	98
15) 1,1-Dichloroethylene	2.874	61	20950	0.83	ppb	96
16) Freon 113	2.905	101	12886	0.84	ppb	97
17) Acrolein	3.203	56	7269	5.19	ppb	85
18) Acetone	3.466	58	872	0.49	ppb	# 1
19) Iodomethane	3.039	142	2774	0.45	ppb	85
20) Carbon disulfide	2.923	76	47563	1.02	ppb	98
21) Allyl Chloride	3.295	41	10945	0.67	ppb	98
22) Methyl Acetate	3.618	74	1219	1.41	ppb	9
23) tert-Butyl Alcohol (TBA)	3.697	59	926	6.48	ppb	# 1
24) Methylene Chloride	3.429	49	30350	1.49	ppb	99
25) Acrylonitrile	4.136	53	10175	5.27	ppb	95
26) trans-1,2-Dichloroethy...	3.533	61	22418	0.86	ppb	99
27) tert-Butyl Methyl Ethe...	3.618	73	23826	1.26	ppb	67
28) n-hexane	3.600	57	30736	0.88	ppb	94
29) 1,1-Dichloroethane	4.075	63	20226	0.83	ppb	98
30) Vinyl Acetate	4.283	86	1486	0.93	ppb	90
31) Diisopropyl ether (DIPE)	3.953	45	40419	0.92	ppb	99
32) Ethyl-tert-Butyl ether...	4.264	59	26061	1.02	ppb	97
33) cis-1,2-Dichloroethylene	4.539	61	19010	0.93	ppb	97
34) 2-Butanone	5.032	72	1340	0.88	ppb	60
35) 2,2-Dichloropropane	4.624	77	11390	1.54	ppb	99
36) Tetrahydrofuran	4.904	71	2692	4.07	ppb	75
37) Bromochloromethane	4.709	49	8252	0.89	ppb	92
38) Chloroform	4.764	83	20405	0.83	ppb	96
39) 1,1,1-Trichloroethane	4.941	97	15769	0.77	ppb	99
40) Cyclohexane	4.709	56	23516	0.83	ppb	96
41) 1,1-Dichloropropylene	5.045	75	16811	0.80	ppb	93
43) Carbon Tetrachloride	4.880	117	10071	0.65	ppb	95

Data File : V10C18740.D
 Data Path : C:\msdchem\1\data\V10-02-09-2026\
 Acq On : 9 Feb 2026 1:51 pm
 Operator : PMB
 Sample : SEQ-CAL4
 Misc :
 ALS Vial : 6
 InstName : VOA No. 10
 DataAcq Meth:VOA10ACQ.M
 Multiplr: 1.00

Quant Time: Feb 10 09:36:33 2026
 QMeth File : V10-8260D-R020926.M
 Quant Method : C:\msdchem\1\methods\V10-8260D-R020926.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Tue Feb 10 09:35:58 2026
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
44) tert-Amyl alcohol (TAA)	5.526	59	1132	4.56	ppb	# 57
45) 1,2-Dichloroethane	5.441	62	12424	0.86	ppb	96
46) Benzene	5.264	78	53328	0.84	ppb	99
47) tert-Amyl methyl ether...	5.349	73	18419	0.94	ppb	100
49) Trichloroethylene	5.764	95	14180	0.88	ppb	96
50) Methyl Cyclohexane	5.758	83	22656	0.77	ppb	97
51) Methyl Methacrylate	6.410	69	4438	0.90	ppb	97
52) Dibromomethane	6.148	93	4271	0.82	ppb	97
53) Bromodichloromethane	6.288	83	11838	0.74	ppb	99
54) 1,2-Dichloropropane	6.227	63	12063	0.80	ppb	97
55) 1,4-Dioxane	6.465	88	1491	23.65	ppb	98
56) 2-Nitropropane	6.892	43	13736	4.00	ppb	93
58) cis-1,3-Dichloropropene	6.849	75	12755	0.67	ppb	95
59) 4-Methyl-2-Pentanone	7.422	43	5312	0.99	ppb	91
61) Toluene	7.075	91	58541	0.84	ppb	98
62) n-Octane	6.892	85	6634	0.78	ppb	93
63) Ethyl Methacrylate	7.599	69	8683	0.83	ppb	93
64) trans-1,3-Dichloropropene	7.459	75	8482	0.63	ppb	99
65) 1,1,2-Trichloroethane	7.617	97	6519	0.79	ppb	99
66) 1,3-Dichloropropane	7.879	76	12048	0.80	ppb	96
67) Tetrachloroethylene	7.434	166	16905	0.88	ppb	97
68) 2-Hexanone	8.227	43	3715	1.01	ppb	87
69) n-Butyl Actetate	8.123	43	8466	0.88	ppb	# 98
70) Dibromochloromethane	7.788	129	5777	0.68	ppb	98
71) 1,2-Dibromoethane	8.020	107	5157	0.75	ppb	100
72) Chlorobenzene	8.532	112	33194	0.82	ppb	# 69
73) 1,1,1,2-tetrachloroethane	8.593	131	7953	0.69	ppb	# 69
74) n-Nonane	8.446	57	7068	0.90	ppb	95
75) Ethyl Benzene	8.556	91	62046	0.83	ppb	98
76) p- & m-Xylenes	8.702	91	91471	1.63	ppb	99
77) o-Xylene	9.141	91	43810	0.81	ppb	99
78) Styrene	9.202	104	29400	0.76	ppb	100
79) Bromoform	9.233	173	2521	0.68	ppb	96
81) Isopropylbenzene	9.471	105	54176	0.77	ppb	99
83) 1,1,2,2-Tetrachloroethane	9.995	83	5435	0.76	ppb	96
84) Bromobenzene	9.879	77	20114	0.79	ppb	99
85) trans-1,4-Dichloro-2-b...	10.184	53	629	0.52	ppb	# 67
86) 1,2,3-Trichloropropane	10.141	110	1564	0.72	ppb	97
87) n-Propylbenzene	9.909	91	62571	0.78	ppb	100
88) n-Decane	9.879	57	4961	0.80	ppb	97
89) p-Ethyltoluene	10.025	105	49211	0.78	ppb	98
90) 1,3,5-Trimethylbenzene	10.117	105	38558	0.77	ppb	100
91) 2-Chlorotoluene	10.080	91	38783	0.82	ppb	99
92) 4-Chlorotoluene	10.257	91	35060	0.81	ppb	97
93) tert-Butylbenzene	10.464	119	35582	0.75	ppb	96
94) 1,2,4-Trimethylbenzene	10.544	105	35659	0.75	ppb	98
95) sec-Butylbenzene	10.659	105	45436	0.75	ppb	98
96) Limonene	10.623	68	9514	0.75	ppb	95
97) 1,3-Dichlorobenzene	10.903	146	17649	0.81	ppb	99
98) p-Isopropyltoluene	10.824	119	35400	0.75	ppb	98
99) 1,4-Dichlorobenzene	11.001	146	17350	0.80	ppb	98
100) 1,2,3-Trimethylbenzene	11.025	105	37088	0.87	ppb	98
101) p-Diethylbenzene	11.232	105	15088	0.76	ppb	99
102) trans-Decahydronapthalene	11.068	138	4986	0.78	ppb	96
103) 1,2-Dichlorobenzene	11.476	146	14096	0.79	ppb	# 83

Data File : V10C18740.D
 Data Path : C:\msdchem\1\data\V10-02-09-2026\
 Acq On : 9 Feb 2026 1:51 pm
 Operator : PMB
 Sample : SEQ-CAL4
 Misc :
 ALS Vial : 6
 InstName : VOA No. 10
 DataAcq Meth:VOA10ACQ.M
 Multiplr: 1.00

Quant Time: Feb 10 09:36:33 2026
 QMeth File : V10-8260D-R020926.M
 Quant Method : C:\msdchem\1\methods\V10-8260D-R020926.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Tue Feb 10 09:35:58 2026
 Response via : Initial Calibration

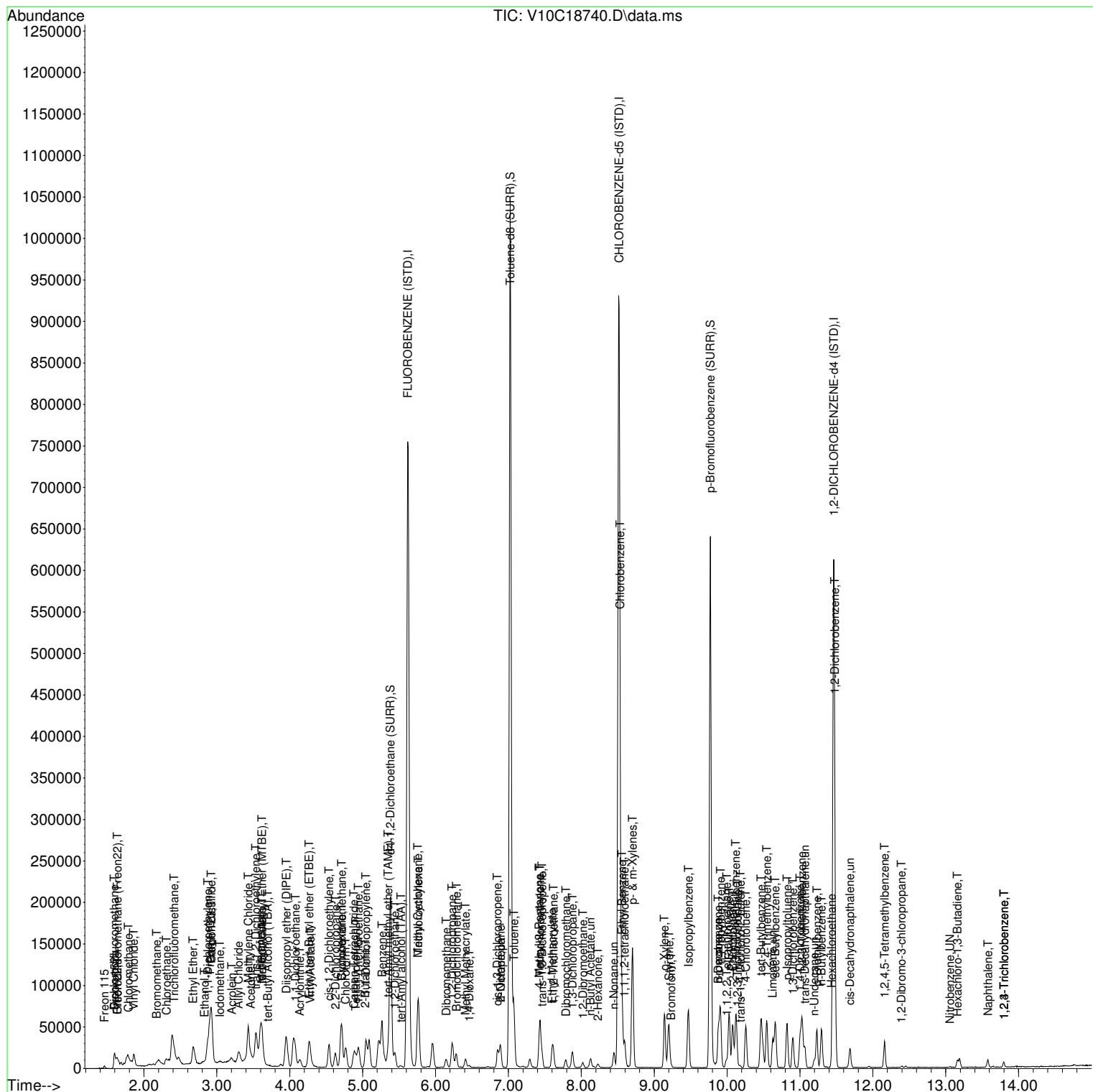
Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
104) n-Butylbenzene	11.293	91	32295	0.75	ppb	99
105) Hexachloroethane	11.434	119	3355	0.64	ppb #	1
106) n-Undecane	11.196	71	1412	0.74	ppb	70
107) cis-Decahydronapthalene	11.684	138	3804	0.88	ppb #	98
108) 1,2-Dibromo-3-chloropr...	12.391	75	419	0.57	ppb	94
109) 1,2,4,5-Tetramethylben...	12.159	119	18583	0.72	ppb	98
110) Nitrobenzene	13.055	77	851	10.18	ppb #	68
111) 1,2,4-Trichlorobenzene	13.799	180	2325	0.78	ppb	91
112) Hexachloro-1,3-Butadiene	13.159	225	1975	0.81	ppb	94
113) Naphthalene	13.579	128	7293	0.76	ppb	99
114) 1,2,3-Trichlorobenzene	13.799	180	2325	0.78	ppb	91

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : V10C18740.D
Data Path : C:\msdchem\1\data\V10-02-09-2026\
Acq On : 9 Feb 2026 1:51 pm
Operator : PMB
Sample : SEQ-CAL4
Misc :
ALS Vial : 6
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Multiplr: 1.00

Quant Time: Feb 10 09:36:33 2026
QMeth File : V10-8260D-R020926.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R020926.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Tue Feb 10 09:35:58 2026
Response via : Initial Calibration



Data File : V10C18741.D
 Data Path : C:\msdchem\1\data\V10-02-09-2026\
 Acq On : 9 Feb 2026 2:20 pm
 Operator : PMB
 Sample : SEQ-CAL5
 Misc :
 ALS Vial : 7
 InstName : VOA No. 10
 DataAcq Meth:VOA10ACQ.M
 Multiplr: 1.00

Quant Time: Feb 10 09:36:37 2026
 QMeth File : V10-8260D-R020926.M
 Quant Method : C:\msdchem\1\methods\V10-8260D-R020926.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Tue Feb 10 09:35:58 2026
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
Internal Standards						
1) FLUOROBENZENE (ISTD)	5.618	50	88161	10.00	ppb	0.00
48) CHLOROBENZENE-d5 (ISTD)	8.514	119	178867	10.00	ppb	0.00
80) 1,2-DICHLOROBENZENE-d4...	11.464	152	189061	10.00	ppb	0.00
System Monitoring Compounds						
42) d4-1,2-Dichloroethane ...	5.380	65	162233	9.76	ppb	0.00
Spiked Amount 10.000	Range 69 - 130		Recovery =	97.60%		
60) Toluene-d8 (SURR)	7.026	98	795422	10.10	ppb	0.00
Spiked Amount 10.000	Range 81 - 117		Recovery =	101.00%		
82) p-Bromofluorobenzene (...)	9.769	95	252454	10.12	ppb	0.00
Spiked Amount 10.000	Range 79 - 122		Recovery =	101.20%		
Target Compounds						
					Qvalue	
2) Freon 115	1.458	85	2210	1.79	ppb	95
3) Freon 152a	1.599	65	12687	1.96	ppb	92
4) Dichlorodifluoromethane	1.587	85	22196	1.67	ppb	96
5) Freon 22	1.634	67	4681	1.86	ppb	99
6) Chlorodifluoromethane ...	1.634	67	4681	1.86	ppb	99
7) Chloromethane	1.789	50	37758	2.03	ppb	100
8) Vinyl Chloride	1.862	62	32874	1.82	ppb	98
9) Bromomethane	2.167	94	4040	0.99	ppb	95
10) Chloroethane	2.301	64	17352	1.95	ppb	96
11) Trichlorofluoromethane	2.411	101	33700	1.58	ppb	100
12) Ethyl Ether	2.673	59	18615	1.81	ppb	98
13) Ethanol	2.832	45	7386	49.97	ppb	# 63
14) Freon 123	2.923	83	39152	1.65	ppb	97
15) 1,1-Dichloroethylene	2.881	61	45688	1.79	ppb	98
16) Freon 113	2.905	101	22738	1.46	ppb	100
17) Acrolein	3.198	56	13822	9.73	ppb	100
18) Acetone	3.466	58	3375	1.87	ppb	84
19) Iodomethane	3.039	142	5886	0.95	ppb	86
20) Carbon disulfide	2.923	76	88088	1.86	ppb	100
21) Allyl Chloride	3.301	41	21357	1.29	ppb	97
22) Methyl Acetate	3.618	74	1721	1.96	ppb	34
23) tert-Butyl Alcohol (TBA)	3.697	59	1519	10.49	ppb	# 1
24) Methylene Chloride	3.429	49	51056	2.47	ppb	99
25) Acrylonitrile	4.136	53	20951	10.71	ppb	94
26) trans-1,2-Dichloroethy...	3.533	61	47033	1.77	ppb	99
27) tert-Butyl Methyl Ethe...	3.624	73	38553	2.01	ppb	# 62
28) n-hexane	3.600	57	46198	1.30	ppb	89
29) 1,1-Dichloroethane	4.075	63	44377	1.79	ppb	99
30) Vinyl Acetate	4.283	86	3028	1.88	ppb	98
31) Diisopropyl ether (DIPE)	3.947	45	79370	1.79	ppb	99
32) Ethyl-tert-Butyl ether...	4.264	59	48178	1.85	ppb	95
33) cis-1,2-Dichloroethylene	4.539	61	40394	1.95	ppb	98
34) 2-Butanone	5.033	72	2746	1.79	ppb	85
35) 2,2-Dichloropropane	4.624	77	19327	2.58	ppb	98
36) Tetrahydrofuran	4.911	71	6293	9.38	ppb	97
37) Bromochloromethane	4.716	49	17944	1.92	ppb	98
38) Chloroform	4.770	83	45286	1.82	ppb	97
39) 1,1,1-Trichloroethane	4.947	97	34428	1.66	ppb	99
40) Cyclohexane	4.703	56	41503	1.45	ppb	99
41) 1,1-Dichloropropylene	5.051	75	36449	1.72	ppb	98
43) Carbon Tetrachloride	4.886	117	21825	1.39	ppb	99

Data File : V10C18741.D
 Data Path : C:\msdchem\1\data\V10-02-09-2026\
 Acq On : 9 Feb 2026 2:20 pm
 Operator : PMB
 Sample : SEQ-CAL5
 Misc :
 ALS Vial : 7
 InstName : VOA No. 10
 DataAcq Meth:VOA10ACQ.M
 Multiplr: 1.00

Quant Time: Feb 10 09:36:37 2026
 QMeth File : V10-8260D-R020926.M
 Quant Method : C:\msdchem\1\methods\V10-8260D-R020926.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Tue Feb 10 09:35:58 2026
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
44) tert-Amyl alcohol (TAA)	5.520	59	2268	9.02	ppb	79
45) 1,2-Dichloroethane	5.441	62	27137	1.85	ppb	99
46) Benzene	5.264	78	119974	1.87	ppb	100
47) tert-Amyl methyl ether...	5.350	73	35565	1.79	ppb	96
49) Trichloroethylene	5.764	95	29304	1.77	ppb	99
50) Methyl Cyclohexane	5.758	83	40216	1.34	ppb	96
51) Methyl Methacrylate	6.410	69	8508	1.68	ppb	93
52) Dibromomethane	6.142	93	9801	1.84	ppb	99
53) Bromodichloromethane	6.282	83	27167	1.65	ppb	99
54) 1,2-Dichloropropane	6.227	63	26578	1.72	ppb	98
55) 1,4-Dioxane	6.459	88	2937	45.49	ppb	95
56) 2-Nitropropane	6.892	43	26003	7.40	ppb	94
58) cis-1,3-Dichloropropene	6.855	75	29695	1.52	ppb	97
59) 4-Methyl-2-Pentanone	7.422	43	10533	1.92	ppb	95
61) Toluene	7.075	91	128816	1.80	ppb	100
62) n-Octane	6.886	85	12961	1.49	ppb	95
63) Ethyl Methacrylate	7.599	69	17319	1.63	ppb	98
64) trans-1,3-Dichloropropene	7.459	75	19665	1.43	ppb	97
65) 1,1,2-Trichloroethane	7.617	97	14614	1.73	ppb	99
66) 1,3-Dichloropropane	7.873	76	27486	1.78	ppb	96
67) Tetrachloroethylene	7.435	166	34173	1.74	ppb	98
68) 2-Hexanone	8.227	43	6170	1.63	ppb	99
69) n-Butyl Actetate	8.130	43	17113	1.74	ppb	95
70) Dibromochloromethane	7.788	129	13469	1.54	ppb	97
71) 1,2-Dibromoethane	8.020	107	11507	1.64	ppb	97
72) Chlorobenzene	8.532	112	75103	1.80	ppb	# 88
73) 1,1,1,2-tetrachloroethane	8.593	131	19398	1.65	ppb	90
74) n-Nonane	8.447	57	12187	1.52	ppb	96
75) Ethyl Benzene	8.556	91	137993	1.79	ppb	100
76) p- & m-Xylenes	8.703	91	204784	3.56	ppb	99
77) o-Xylene	9.142	91	97989	1.78	ppb	100
78) Styrene	9.196	104	67933	1.71	ppb	100
79) Bromoform	9.227	173	6174	1.62	ppb	95
81) Isopropylbenzene	9.471	105	120105	1.69	ppb	99
83) 1,1,2,2-Tetrachloroethane	9.989	83	12352	1.71	ppb	100
84) Bromobenzene	9.879	77	44763	1.74	ppb	98
85) trans-1,4-Dichloro-2-b...	10.178	53	1475	1.20	ppb	# 88
86) 1,2,3-Trichloropropane	10.135	110	3867	1.75	ppb	99
87) n-Propylbenzene	9.910	91	138248	1.70	ppb	99
88) n-Decane	9.879	57	9176	1.46	ppb	97
89) p-Ethyltoluene	10.026	105	110087	1.71	ppb	100
90) 1,3,5-Trimethylbenzene	10.117	105	86613	1.70	ppb	99
91) 2-Chlorotoluene	10.074	91	86303	1.79	ppb	100
92) 4-Chlorotoluene	10.257	91	76618	1.75	ppb	99
93) tert-Butylbenzene	10.464	119	80010	1.67	ppb	99
94) 1,2,4-Trimethylbenzene	10.544	105	82439	1.71	ppb	99
95) sec-Butylbenzene	10.660	105	100597	1.64	ppb	99
96) Limonene	10.629	68	17915	1.38	ppb	97
97) 1,3-Dichlorobenzene	10.903	146	39766	1.79	ppb	99
98) p-Isopropyltoluene	10.818	119	77084	1.60	ppb	99
99) 1,4-Dichlorobenzene	11.001	146	39355	1.79	ppb	99
100) 1,2,3-Trimethylbenzene	11.031	105	73545	1.70	ppb	98
101) p-Diethylbenzene	11.233	105	33199	1.64	ppb	100
102) trans-Decahydronapthalene	11.068	138	9638	1.49	ppb	99
103) 1,2-Dichlorobenzene	11.476	146	31693	1.75	ppb	90

Data File : V10C18741.D
 Data Path : C:\msdchem\1\data\V10-02-09-2026\
 Acq On : 9 Feb 2026 2:20 pm
 Operator : PMB
 Sample : SEQ-CAL5
 Misc :
 ALS Vial : 7
 InstName : VOA No. 10
 DataAcq Meth:VOA10ACQ.M
 Multiplr: 1.00

Quant Time: Feb 10 09:36:37 2026
 QMeth File : V10-8260D-R020926.M
 Quant Method : C:\msdchem\1\methods\V10-8260D-R020926.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Tue Feb 10 09:35:58 2026
 Response via : Initial Calibration

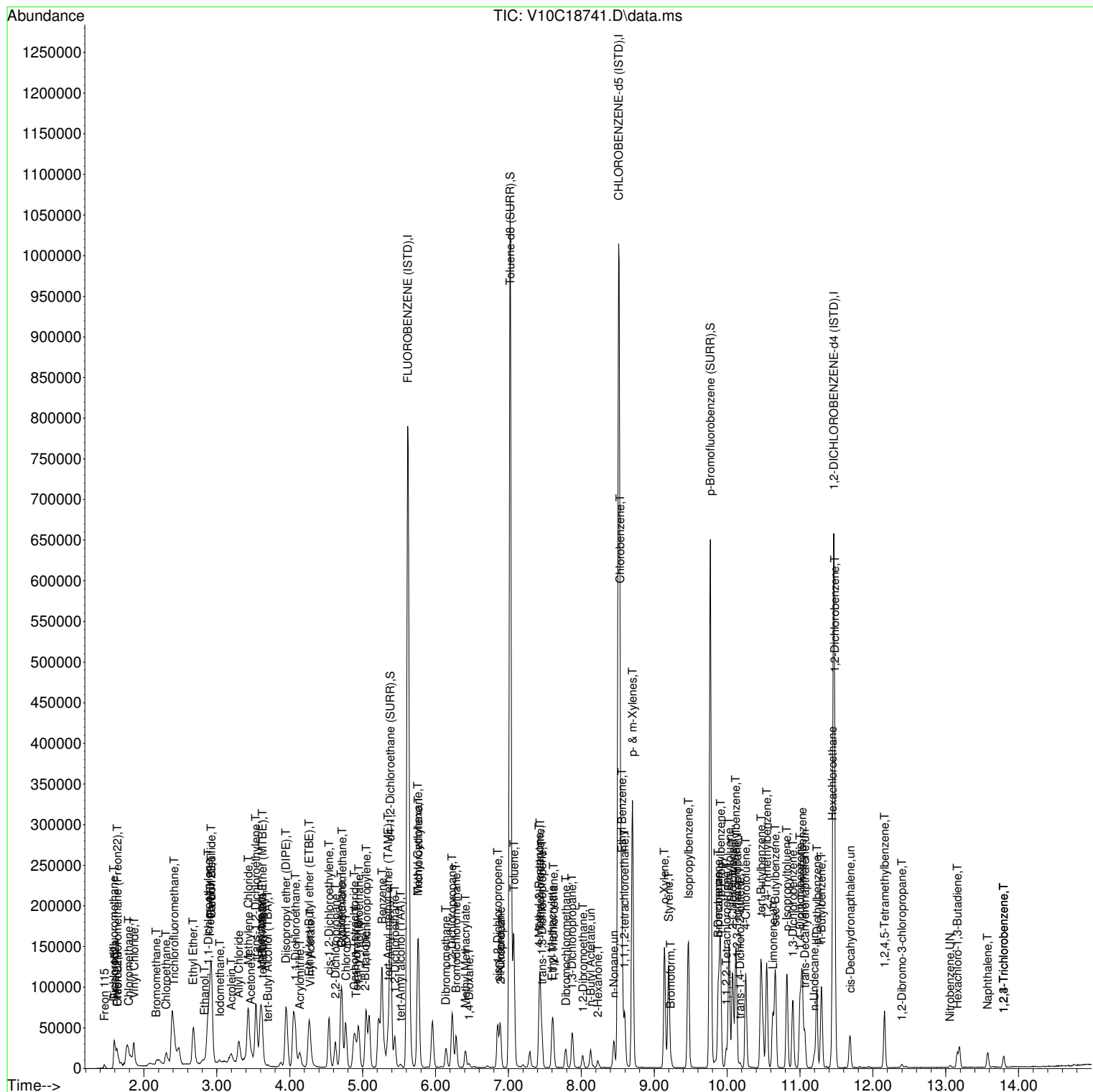
Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
104) n-Butylbenzene	11.294	91	68263	1.56	ppb	98
105) Hexachloroethane	11.446	119	7241	1.37	ppb #	1
106) n-Undecane	11.196	71	3150	1.62	ppb	94
107) cis-Decahydronapthalene	11.690	138	6742	1.53	ppb #	96
108) 1,2-Dibromo-3-chloropr...	12.397	75	1210	1.62	ppb	89
109) 1,2,4,5-Tetramethylben...	12.159	119	43217	1.65	ppb	99
110) Nitrobenzene	13.055	77	1246	14.68	ppb	92
111) 1,2,4-Trichlorobenzene	13.793	180	5073	1.68	ppb	93
112) Hexachloro-1,3-Butadiene	13.159	225	4433	1.80	ppb	97
113) Naphthalene	13.574	128	16432	1.69	ppb	99
114) 1,2,3-Trichlorobenzene	13.793	180	5073	1.68	ppb	93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : V10C18741.D
Data Path : C:\msdchem\1\data\V10-02-09-2026\
Acq On : 9 Feb 2026 2:20 pm
Operator : PMB
Sample : SEQ-CAL5
Misc :
ALS Vial : 7
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Multiplr: 1.00

Quant Time: Feb 10 09:36:37 2026
QMeth File : V10-8260D-R020926.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R020926.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Tue Feb 10 09:35:58 2026
Response via : Initial Calibration



Data File : V10C18742.D
 Data Path : C:\msdchem\1\data\V10-02-09-2026\
 Acq On : 9 Feb 2026 2:50 pm
 Operator : PMB
 Sample : SEQ-CAL6
 Misc :
 ALS Vial : 8
 InstName : VOA No. 10
 DataAcq Meth:VOA10ACQ.M

Multiplr: 1.00

Quant Time: Feb 10 09:36:41 2026
 QMeth File : V10-8260D-R020926.M
 Quant Method : C:\msdchem\1\methods\V10-8260D-R020926.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Tue Feb 10 09:35:58 2026
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)

Internal Standards						
1) FLUOROBENZENE (ISTD)	5.618	50	99872	10.00	ppb	0.00
48) CHLOROBENZENE-d5 (ISTD)	8.514	119	193523	10.00	ppb	0.00
80) 1,2-DICHLOROBENZENE-d4...	11.464	152	197767	10.00	ppb	0.00
System Monitoring Compounds						
42) d4-1,2-Dichloroethane ...	5.380	65	184932	9.82	ppb	0.00
Spiked Amount 10.000	Range 69 - 130		Recovery =	98.20%		
60) Toluene-d8 (SURR)	7.026	98	877796	10.30	ppb	0.00
Spiked Amount 10.000	Range 81 - 117		Recovery =	103.00%		
82) p-Bromofluorobenzene (...)	9.769	95	265353	10.17	ppb	0.00
Spiked Amount 10.000	Range 79 - 122		Recovery =	101.70%		
Target Compounds						
					Qvalue	
2) Freon 115	1.452	85	6790	4.85	ppb	95
3) Freon 152a	1.593	65	31939	4.35	ppb	# 1
4) Dichlorodifluoromethane	1.587	85	60512	4.01	ppb	99
5) Freon 22	1.628	67	12336	4.32	ppb	25
6) Chlorodifluoromethane ...	1.628	67	12336	4.32	ppb	25
7) Chloromethane	1.777	50	83405	3.97	ppb	100
8) Vinyl Chloride	1.856	62	79908	3.90	ppb	99
9) Bromomethane	2.173	94	15038	3.26	ppb	95
10) Chloroethane	2.295	64	40675	4.04	ppb	97
11) Trichlorofluoromethane	2.411	101	92862	3.83	ppb	99
12) Ethyl Ether	2.667	59	48907	4.19	ppb	97
13) Ethanol	2.844	45	23052	137.66	ppb	# 98
14) Freon 123	2.923	83	113756	4.24	ppb	98
15) 1,1-Dichloroethylene	2.881	61	114042	3.94	ppb	98
16) Freon 113	2.899	101	69366	3.92	ppb	98
17) Acrolein	3.198	56	29482	18.32	ppb	92
18) Acetone	3.448	58	6741	3.29	ppb	93
19) Iodomethane	3.033	142	21893	3.11	ppb	91
20) Carbon disulfide	2.923	76	221514	4.14	ppb	100
21) Allyl Chloride	3.307	41	77045	4.10	ppb	100
22) Methyl Acetate	3.612	74	5326	5.35	ppb	50
23) tert-Butyl Alcohol (TBA)	3.697	59	4821	29.39	ppb	# 1
24) Methylene Chloride	3.423	49	103781	4.44	ppb	99
25) Acrylonitrile	4.136	53	45992	20.76	ppb	98
26) trans-1,2-Dichloroethy...	3.533	61	121523	4.04	ppb	100
27) tert-Butyl Methyl Ethe...	3.612	73	120457	5.53	ppb	72
28) n-hexane	3.594	57	167165	4.16	ppb	97
29) 1,1-Dichloroethane	4.075	63	117311	4.17	ppb	100
30) Vinyl Acetate	4.271	86	7835	4.29	ppb	99
31) Diisopropyl ether (DIPE)	3.941	45	208863	4.16	ppb	99
32) Ethyl-tert-Butyl ether...	4.258	59	141820	4.82	ppb	98
33) cis-1,2-Dichloroethylene	4.539	61	94991	4.05	ppb	99
34) 2-Butanone	5.039	72	7383	4.24	ppb	98
35) 2,2-Dichloropropane	4.624	77	53394	6.29	ppb	99
36) Tetrahydrofuran	4.911	71	15958	20.99	ppb	99
37) Bromochloromethane	4.716	49	45379	4.28	ppb	97
38) Chloroform	4.764	83	111976	3.97	ppb	99
39) 1,1,1-Trichloroethane	4.947	97	91237	3.87	ppb	99
40) Cyclohexane	4.703	56	126009	3.88	ppb	99
41) 1,1-Dichloropropylene	5.045	75	94219	3.93	ppb	99
43) Carbon Tetrachloride	4.880	117	64796	3.64	ppb	97

Data File : V10C18742.D
 Data Path : C:\msdchem\1\data\V10-02-09-2026\
 Acq On : 9 Feb 2026 2:50 pm
 Operator : PMB
 Sample : SEQ-CAL6
 Misc :
 ALS Vial : 8
 InstName : VOA No. 10
 DataAcq Meth:VOA10ACQ.M
 Multiplr: 1.00

Quant Time: Feb 10 09:36:41 2026
 QMeth File : V10-8260D-R020926.M
 Quant Method : C:\msdchem\1\methods\V10-8260D-R020926.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Tue Feb 10 09:35:58 2026
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
44) tert-Amyl alcohol (TAA)	5.520	59	6426	22.55	ppb	87
45) 1,2-Dichloroethane	5.441	62	65752	3.95	ppb	99
46) Benzene	5.264	78	288450	3.97	ppb	99
47) tert-Amyl methyl ether...	5.343	73	104027	4.62	ppb	100
49) Trichloroethylene	5.764	95	70924	3.95	ppb	99
50) Methyl Cyclohexane	5.758	83	125538	3.86	ppb	97
51) Methyl Methacrylate	6.404	69	22481	4.11	ppb	99
52) Dibromomethane	6.142	93	23593	4.09	ppb	99
53) Bromodichloromethane	6.282	83	68557	3.85	ppb	99
54) 1,2-Dichloropropane	6.227	63	65854	3.94	ppb	98
55) 1,4-Dioxane	6.459	88	7118	101.91	ppb	100
56) 2-Nitropropane	6.886	43	76577	20.13	ppb	99
57) 2-Chloroethyl vinyl ether	6.788	63	613	9.80	ppb	# 100
58) cis-1,3-Dichloropropene	6.849	75	81689	3.85	ppb	99
59) 4-Methyl-2-Pentanone	7.416	43	23645	3.98	ppb	99
61) Toluene	7.069	91	304105	3.93	ppb	100
62) n-Octane	6.886	85	38448	4.09	ppb	98
63) Ethyl Methacrylate	7.599	69	45810	3.97	ppb	96
64) trans-1,3-Dichloropropene	7.459	75	57874	3.88	ppb	99
65) 1,1,2-Trichloroethane	7.611	97	35193	3.85	ppb	98
66) 1,3-Dichloropropane	7.880	76	67189	4.03	ppb	99
67) Tetrachloroethylene	7.428	166	80789	3.79	ppb	99
68) 2-Hexanone	8.227	43	17046	4.16	ppb	94
69) n-Butyl Actetate	8.130	43	41544	3.90	ppb	99
70) Dibromochloromethane	7.788	129	34901	3.69	ppb	99
71) 1,2-Dibromoethane	8.020	107	30461	4.01	ppb	100
72) Chlorobenzene	8.532	112	174931	3.88	ppb	96
73) 1,1,1,2-tetrachloroethane	8.593	131	48907	3.84	ppb	96
74) n-Nonane	8.447	57	34014	3.92	ppb	99
75) Ethyl Benzene	8.556	91	320900	3.86	ppb	100
76) p- & m-Xylenes	8.703	91	482121	7.74	ppb	99
77) o-Xylene	9.142	91	229383	3.85	ppb	100
78) Styrene	9.196	104	165754	3.86	ppb	98
79) Bromoform	9.227	173	14369	3.48	ppb	98
81) Isopropylbenzene	9.465	105	288264	3.87	ppb	99
83) 1,1,2,2-Tetrachloroethane	9.989	83	28989	3.83	ppb	98
84) Bromobenzene	9.879	77	104401	3.89	ppb	99
85) trans-1,4-Dichloro-2-b...	10.178	53	5078	3.94	ppb	96
86) 1,2,3-Trichloropropane	10.135	110	9155	3.96	ppb	100
87) n-Propylbenzene	9.910	91	330633	3.89	ppb	99
88) n-Decane	9.879	57	25405	3.87	ppb	98
89) p-Ethyltoluene	10.026	105	268141	3.99	ppb	100
90) 1,3,5-Trimethylbenzene	10.117	105	205259	3.84	ppb	99
91) 2-Chlorotoluene	10.074	91	195104	3.87	ppb	99
92) 4-Chlorotoluene	10.257	91	177706	3.88	ppb	100
93) tert-Butylbenzene	10.464	119	192681	3.83	ppb	100
94) 1,2,4-Trimethylbenzene	10.544	105	192963	3.82	ppb	98
95) sec-Butylbenzene	10.660	105	245869	3.84	ppb	100
96) Limonene	10.629	68	50129	3.70	ppb	97
97) 1,3-Dichlorobenzene	10.903	146	90430	3.89	ppb	98
98) p-Isopropyltoluene	10.824	119	192684	3.82	ppb	99
99) 1,4-Dichlorobenzene	11.001	146	88602	3.86	ppb	99
100) 1,2,3-Trimethylbenzene	11.031	105	180197	3.98	ppb	99
101) p-Diethylbenzene	11.233	105	83648	3.95	ppb	100
102) trans-Decahydronapthalene	11.068	138	26393	3.91	ppb	99

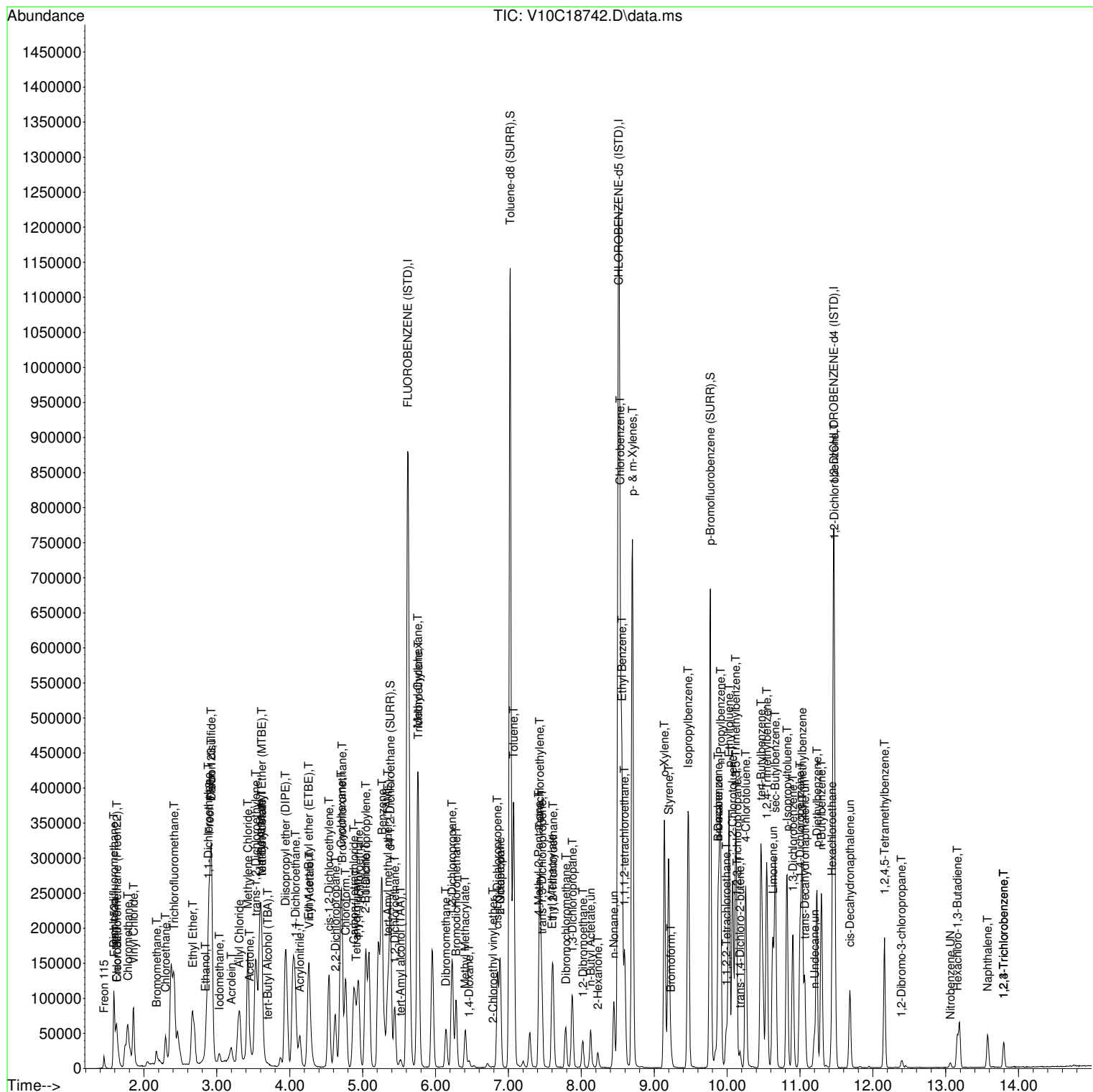
Data File : V10C18742.D
 Data Path : C:\msdchem\1\data\V10-02-09-2026\
 Acq On : 9 Feb 2026 2:50 pm
 Operator : PMB
 Sample : SEQ-CAL6
 Misc : Multiplr: 1.00
 ALS Vial : 8
 InstName : VOA No. 10
 DataAcq Meth:VOA10ACQ.M

Quant Time: Feb 10 09:36:41 2026
 QMeth File : V10-8260D-R020926.M
 Quant Method : C:\msdchem\1\methods\V10-8260D-R020926.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Tue Feb 10 09:35:58 2026
 Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
103)	1,2-Dichlorobenzene	11.470	146	72789	3.85	ppb	96
104)	n-Butylbenzene	11.294	91	172414	3.76	ppb	99
105)	Hexachloroethane	11.440	119	20331	3.67	ppb #	41
106)	n-Undecane	11.202	71	7710	3.79	ppb	98
107)	cis-Decahydronapthalene	11.684	138	18342	3.99	ppb #	98
108)	1,2-Dibromo-3-chloropr...	12.391	75	3107	3.97	ppb	92
109)	1,2,4,5-Tetramethylben...	12.159	119	108268	3.95	ppb	99
110)	Nitrobenzene	13.062	77	3431	38.65	ppb	92
111)	1,2,4-Trichlorobenzene	13.793	180	12899	4.08	ppb	98
112)	Hexachloro-1,3-Butadiene	13.159	225	9918	3.85	ppb	95
113)	Naphthalene	13.574	128	39901	3.92	ppb	99
114)	1,2,3-Trichlorobenzene	13.793	180	12899	4.08	ppb	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quant Time: Feb 10 09:36:41 2026
QMeth File : V10-8260D-R020926.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R020926.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Tue Feb 10 09:35:58 2026
Response via : Initial Calibration



Data File : V10C18743.D
 Data Path : C:\msdchem\1\data\V10-02-09-2026\
 Acq On : 9 Feb 2026 3:20 pm
 Operator : PMB
 Sample : SEQ-CAL7
 Misc :
 ALS Vial : 9
 InstName : VOA No. 10
 DataAcq Meth:VOA10ACQ.M

Multiplr: 1.00

Quant Time: Feb 10 09:55:32 2026
 QMeth File : V10-8260D-R020926.M
 Quant Method : C:\msdchem\1\methods\V10-8260D-R020926.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Tue Feb 10 09:55:01 2026
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)

Internal Standards						
1) FLUOROBENZENE (ISTD)	5.618	50	96162	10.00	ppb	0.00
48) CHLOROBENZENE-d5 (ISTD)	8.513	119	188783	10.00	ppb	0.00
80) 1,2-DICHLOROENZENE-d4...	11.464	152	195269	10.00	ppb	0.00
System Monitoring Compounds						
42) d4-1,2-Dichloroethane ...	5.380	65	181208	10.78	ppb	0.00
Spiked Amount 10.000	Range	69 - 130	Recovery	=	107.80%	
60) Toluene-d8 (SURR)	7.026	98	831414	9.94	ppb	0.00
Spiked Amount 10.000	Range	81 - 117	Recovery	=	99.40%	
82) p-Bromofluorobenzene (...)	9.769	95	257543	10.05	ppb	0.00
Spiked Amount 10.000	Range	79 - 122	Recovery	=	100.50%	
Target Compounds						Qvalue
2) Freon 115	1.452	85	13469	12.59	ppb	100
3) Freon 152a	1.599	65	70756	11.28	ppb	100
4) Dichlorodifluoromethane	1.587	85	145334	12.22	ppb	100
5) Freon 22	1.628	67	27480	11.23	ppb	100
6) Chlorodifluoromethane ...	1.628	67	27480	11.23	ppb	100
7) Chloromethane	1.777	50	202392	10.65	ppb	100
8) Vinyl Chloride	1.856	62	197089	11.25	ppb	100
9) Bromomethane	2.173	94	44482	8.02	ppb	100
10) Chloroethane	2.301	64	97012	10.38	ppb	100
11) Trichlorofluoromethane	2.423	101	233290	11.88	ppb	100
12) Ethyl Ether	2.673	59	112333	10.42	ppb	100
13) Ethanol	2.844	45	64493	466.88	ppb	100
14) Freon 123	2.929	83	258290	10.90	ppb	100
15) 1,1-Dichloroethylene	2.893	61	278528	11.25	ppb	100
16) Freon 113	2.905	101	170210	11.85	ppb	100
17) Acrolein	3.204	56	62053	26.40	ppb	100
18) Acetone	3.453	58	19707	13.33	ppb	100
19) Iodomethane	3.039	142	67700	8.64	ppb	100
20) Carbon disulfide	2.929	76	516095	10.37	ppb	100
21) Allyl Chloride	3.313	41	180783	8.61	ppb	100
22) Methyl Acetate	3.618	74	9578m	8.07	ppb	
23) tert-Butyl Alcohol (TBA)	3.697	59	7695m	31.12	ppb	
24) Methylene Chloride	3.429	49	225243	7.97	ppb	100
25) Acrylonitrile	4.142	53	105755	48.42	ppb	99
26) trans-1,2-Dichloroethy...	3.539	61	289779	10.67	ppb	100
27) tert-Butyl Methyl Ethe...	3.618	73	209665	8.06	ppb	100
28) n-hexane	3.600	57	386537	12.52	ppb	100
29) 1,1-Dichloroethane	4.081	63	271062	9.99	ppb	100
30) Vinyl Acetate	4.277	86	17574	10.34	ppb	100
31) Diisopropyl ether (DIPE)	3.947	45	483776	10.32	ppb	100
32) Ethyl-tert-Butyl ether...	4.258	59	283410	9.34	ppb	100
33) cis-1,2-Dichloroethylene	4.539	61	225869	10.09	ppb	100
34) 2-Butanone	5.039	72	17061m	10.93	ppb	
35) 2,2-Dichloropropane	4.624	77	81744	5.69	ppb	99
36) Tetrahydrofuran	4.911	71	36605	50.87	ppb	100
37) Bromochloromethane	4.722	49	102136	10.41	ppb	100
38) Chloroform	4.770	83	271675	10.41	ppb	100
39) 1,1,1-Trichloroethane	4.947	97	226797	10.92	ppb	100
40) Cyclohexane	4.709	56	312413	11.92	ppb	100
41) 1,1-Dichloropropylene	5.045	75	230966	10.85	ppb	100
43) Carbon Tetrachloride	4.886	117	171598	11.36	ppb	100

Data File : V10C18743.D
 Data Path : C:\msdchem\1\data\V10-02-09-2026\
 Acq On : 9 Feb 2026 3:20 pm
 Operator : PMB
 Sample : SEQ-CAL7
 Misc :
 ALS Vial : 9
 InstName : VOA No. 10
 DataAcq Meth:VOA10ACQ.M
 Multiplr: 1.00

Quant Time: Feb 10 09:55:32 2026
 QMeth File : V10-8260D-R020926.M
 Quant Method : C:\msdchem\1\methods\V10-8260D-R020926.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Tue Feb 10 09:55:01 2026
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
44) tert-Amyl alcohol (TAA)	5.520	59	13720	48.24	ppb	100
45) 1,2-Dichloroethane	5.441	62	160142	10.44	ppb	100
46) Benzene	5.264	78	699451	10.36	ppb	100
47) tert-Amyl methyl ether...	5.349	73	216834	9.38	ppb	100
49) Trichloroethylene	5.764	95	175118	10.05	ppb	100
50) Methyl Cyclohexane	5.758	83	317000	12.22	ppb	100
51) Methyl Methacrylate	6.410	69	53308	10.13	ppb	100
52) Dibromomethane	6.142	93	56338	10.36	ppb	100
53) Bromodichloromethane	6.282	83	173799	10.51	ppb	100
54) 1,2-Dichloropropane	6.227	63	163220	10.29	ppb	100
55) 1,4-Dioxane	6.459	88	17034	265.62	ppb	100
56) 2-Nitropropane	6.886	43	185550	64.25	ppb	100
58) cis-1,3-Dichloropropene	6.849	75	206773	10.49	ppb	100
59) 4-Methyl-2-Pentanone	7.422	43	57919	9.75	ppb	100
61) Toluene	7.075	91	754012	10.17	ppb	100
62) n-Octane	6.886	85	91626	11.48	ppb	100
63) Ethyl Methacrylate	7.599	69	112485	10.49	ppb	100
64) trans-1,3-Dichloropropene	7.459	75	145518	10.27	ppb	100
65) 1,1,2-Trichloroethane	7.611	97	89203	10.48	ppb	100
66) 1,3-Dichloropropane	7.879	76	162642	10.35	ppb	100
67) Tetrachloroethylene	7.434	166	207800	10.47	ppb	100
68) 2-Hexanone	8.227	43	39568	9.92	ppb	99
69) n-Butyl Actetate	8.129	43	103856	10.21	ppb	100
70) Dibromochloromethane	7.788	129	92148	10.75	ppb	100
71) 1,2-Dibromoethane	8.020	107	74045	10.61	ppb	100
72) Chlorobenzene	8.532	112	439710	10.17	ppb	100
73) 1,1,1,2-tetrachloroethane	8.593	131	124351	10.55	ppb	100
74) n-Nonane	8.446	57	84649	10.79	ppb	100
75) Ethyl Benzene	8.556	91	811928	10.19	ppb	100
76) p- & m-Xylenes	8.702	91	1215350	20.24	ppb	100
77) o-Xylene	9.141	91	581436	10.25	ppb	100
78) Styrene	9.196	104	418824	10.29	ppb	100
79) Bromoform	9.227	173	40245	10.47	ppb	100
81) Isopropylbenzene	9.465	105	734546	10.59	ppb	100
83) 1,1,2,2-Tetrachloroethane	9.989	83	74690	10.57	ppb	100
84) Bromobenzene	9.879	77	265244	10.27	ppb	100
85) trans-1,4-Dichloro-2-b...	10.178	53	12715	9.45	ppb	100
86) 1,2,3-Trichloropropane	10.135	110	22809	10.47	ppb	100
87) n-Propylbenzene	9.910	91	838951	10.64	ppb	100
88) n-Decane	9.879	57	64822	11.11	ppb	100
89) p-Ethyltoluene	10.025	105	663470	10.47	ppb	100
90) 1,3,5-Trimethylbenzene	10.117	105	527478	10.55	ppb	100
91) 2-Chlorotoluene	10.074	91	498219	10.19	ppb	100
92) 4-Chlorotoluene	10.257	91	451968	10.26	ppb	100
93) tert-Butylbenzene	10.464	119	496203	10.79	ppb	100
94) 1,2,4-Trimethylbenzene	10.544	105	499253	10.56	ppb	100
95) sec-Butylbenzene	10.659	105	632742	11.09	ppb	100
96) Limonene	10.629	68	133667	12.06	ppb	100
97) 1,3-Dichlorobenzene	10.903	146	229264	10.19	ppb	100
98) p-Isopropyltoluene	10.824	119	497434	11.07	ppb	100
99) 1,4-Dichlorobenzene	11.001	146	226831	10.17	ppb	100
100) 1,2,3-Trimethylbenzene	11.031	105	447371	10.26	ppb	100
101) p-Diethylbenzene	11.232	105	209202	10.85	ppb	100
102) trans-Decahydronapthalene	11.068	138	66596	11.38	ppb	100
103) 1,2-Dichlorobenzene	11.476	146	186765	10.30	ppb	100

Data File : V10C18743.D
 Data Path : C:\msdchem\1\data\V10-02-09-2026\
 Acq On : 9 Feb 2026 3:20 pm
 Operator : PMB
 Sample : SEQ-CAL7
 Misc :
 ALS Vial : 9
 InstName : VOA No. 10
 DataAcq Meth:VOA10ACQ.M
 Multiplr: 1.00

Quant Time: Feb 10 09:55:32 2026
 QMeth File : V10-8260D-R020926.M
 Quant Method : C:\msdchem\1\methods\V10-8260D-R020926.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Tue Feb 10 09:55:01 2026
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
104) n-Butylbenzene	11.293	91	452819	10.71	ppb	100
105) Hexachloroethane	11.440	119	54671	10.42	ppb	100
106) n-Undecane	11.196	71	20104	10.20	ppb	100
107) cis-Decahydronapthalene	11.690	138	45383	12.21	ppb	# 100
108) 1,2-Dibromo-3-chloropr...	12.397	75	7719	10.70	ppb	100
109) 1,2,4,5-Tetramethylben...	12.159	119	270519	10.47	ppb	100
110) Nitrobenzene	13.055	77	8766	91.14	ppb	100
111) 1,2,4-Trichlorobenzene	13.799	180	31236	10.00	ppb	100
112) Hexachloro-1,3-Butadiene	13.159	225	25444	10.97	ppb	100
113) Naphthalene	13.573	128	100423	10.04	ppb	100
114) 1,2,3-Trichlorobenzene	13.799	180	31236	10.00	ppb	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : V10C18744.D
 Data Path : C:\msdchem\1\data\V10-02-09-2026\
 Acq On : 9 Feb 2026 3:50 pm
 Operator : PMB
 Sample : SEQ-CAL8
 Misc :
 ALS Vial : 10
 InstName : VOA No. 10
 DataAcq Meth:VOA10ACQ.M

Multiplr: 1.00

Quant Time: Feb 10 09:36:45 2026
 QMeth File : V10-8260D-R020926.M
 Quant Method : C:\msdchem\1\methods\V10-8260D-R020926.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Tue Feb 10 09:35:58 2026
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)

Internal Standards						
1) FLUOROBENZENE (ISTD)	5.624	50	106912	10.00	ppb	0.00
48) CHLOROBENZENE-d5 (ISTD)	8.520	119	194387	10.00	ppb	0.00
80) 1,2-DICHLOROBENZENE-d4...	11.464	152	201321	10.00	ppb	0.00
System Monitoring Compounds						
42) d4-1,2-Dichloroethane ...	5.386	65	174009	8.63	ppb	0.00
Spiked Amount 10.000	Range 69 - 130		Recovery =	86.30%		
60) Toluene-d8 (SURR)	7.026	98	864317	10.10	ppb	0.00
Spiked Amount 10.000	Range 81 - 117		Recovery =	101.00%		
82) p-Bromofluorobenzene (...)	9.769	95	260222	9.80	ppb	0.00
Spiked Amount 10.000	Range 79 - 122		Recovery =	98.00%		
Target Compounds						
					Qvalue	
2) Freon 115	1.446	85	21888	14.62	ppb	96
3) Freon 152a	1.587	65	137668	17.50	ppb	98
4) Dichlorodifluoromethane	1.575	85	284075	17.58	ppb	99
5) Freon 22	1.622	67	54474	17.83	ppb	99
6) Chlorodifluoromethane ...	1.622	67	54474	17.83	ppb	99
7) Chloromethane	1.771	50	374725	16.65	ppb	99
8) Vinyl Chloride	1.844	62	404053	18.42	ppb	97
9) Bromomethane	2.161	94	179918	36.38	ppb	99
10) Chloroethane	2.283	64	215382	19.97	ppb	99
11) Trichlorofluoromethane	2.417	101	467604	18.03	ppb	99
12) Ethyl Ether	2.697	59	225937	18.09	ppb	98
13) Ethanol	2.838	45	56767	316.68	ppb	94
14) Freon 123	2.941	83	519229	18.08	ppb	98
15) 1,1-Dichloroethylene	2.886	61	539012	17.41	ppb	99
16) Freon 113	2.923	101	319102	16.86	ppb	99
17) Acrolein	3.191	56	119689	69.46	ppb	91
18) Acetone	3.447	58	17831	8.14	ppb	96
19) Iodomethane	3.021	142	362868	48.21	ppb	97
20) Carbon disulfide	2.917	76	1074493	18.75	ppb	99
21) Allyl Chloride	3.313	41	659374	32.81	ppb	99
22) Methyl Acetate	3.630	74	30054	28.22	ppb	# 1
23) tert-Butyl Alcohol (TBA)	3.716	59	42790	243.68	ppb	# 1
24) Methylene Chloride	3.411	49	464870	18.56	ppb	99
25) Acrylonitrile	4.130	53	222804	93.94	ppb	96
26) trans-1,2-Dichloroethy...	3.551	61	598135	18.57	ppb	100
27) tert-Butyl Methyl Ethe...	3.636	73	660665	28.34	ppb	# 47
28) n-hexane	3.612	57	750563	17.45	ppb	91
29) 1,1-Dichloroethane	4.087	63	636290	21.11	ppb	99
30) Vinyl Acetate	4.289	86	38541	19.73	ppb	95
31) Diisopropyl ether (DIPE)	3.959	45	1003023	18.64	ppb	99
32) Ethyl-tert-Butyl ether...	4.270	59	816848	25.92	ppb	88
33) cis-1,2-Dichloroethylene	4.545	61	458575	18.26	ppb	99
34) 2-Butanone	5.051	72	33798	18.13	ppb	96
35) 2,2-Dichloropropane	4.636	77	435137	47.88	ppb	97
36) Tetrahydrofuran	4.910	71	70413	86.51	ppb	96
37) Bromochloromethane	4.715	49	220740	19.44	ppb	98
38) Chloroform	4.776	83	561820	18.60	ppb	97
39) 1,1,1-Trichloroethane	4.953	97	481963	19.11	ppb	99
40) Cyclohexane	4.715	56	583373	16.80	ppb	98
41) 1,1-Dichloropropylene	5.057	75	477624	18.60	ppb	88
43) Carbon Tetrachloride	4.892	117	375086	19.66	ppb	99

Data File : V10C18744.D
 Data Path : C:\msdchem\1\data\V10-02-09-2026\
 Acq On : 9 Feb 2026 3:50 pm
 Operator : PMB
 Sample : SEQ-CAL8
 Misc :
 ALS Vial : 10
 InstName : VOA No. 10
 DataAcq Meth:VOA10ACQ.M
 Multiplr: 1.00

Quant Time: Feb 10 09:36:45 2026
 QMeth File : V10-8260D-R020926.M
 Quant Method : C:\msdchem\1\methods\V10-8260D-R020926.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Tue Feb 10 09:35:58 2026
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
44) tert-Amyl alcohol (TAA)	5.526	59	32870	107.74	ppb	97
45) 1,2-Dichloroethane	5.447	62	319719	17.96	ppb	100
46) Benzene	5.270	78	1469653	18.90	ppb	100
47) tert-Amyl methyl ether...	5.356	73	617070	25.60	ppb	96
49) Trichloroethylene	5.770	95	364040	20.19	ppb	99
50) Methyl Cyclohexane	5.764	83	585651	17.94	ppb	99
51) Methyl Methacrylate	6.416	69	106494	19.40	ppb	98
52) Dibromomethane	6.148	93	114762	19.78	ppb	99
53) Bromodichloromethane	6.288	83	363334	20.30	ppb	100
54) 1,2-Dichloropropane	6.233	63	335307	19.95	ppb	100
55) 1,4-Dioxane	6.465	88	26661	380.01	ppb	98
56) 2-Nitropropane	6.886	43	301303	78.85	ppb	98
57) 2-Chloroethyl vinyl ether	6.788	63	1896	30.19	ppb	# 100
58) cis-1,3-Dichloropropene	6.855	75	453264	21.29	ppb	97
59) 4-Methyl-2-Pentanone	7.422	43	115094	19.30	ppb	99
61) Toluene	7.075	91	1547900	19.94	ppb	99
62) n-Octane	6.886	85	155512	16.48	ppb	99
63) Ethyl Methacrylate	7.599	69	223878	19.33	ppb	100
64) trans-1,3-Dichloropropene	7.459	75	337598	22.53	ppb	99
65) 1,1,2-Trichloroethane	7.617	97	172509	18.78	ppb	99
66) 1,3-Dichloropropane	7.879	76	324718	19.39	ppb	99
67) Tetrachloroethylene	7.434	166	423795	19.81	ppb	100
68) 2-Hexanone	8.227	43	74723	18.17	ppb	99
69) n-Butyl Actetate	8.129	43	201544	18.85	ppb	100
70) Dibromochloromethane	7.788	129	188605	19.88	ppb	99
71) 1,2-Dibromoethane	8.020	107	151778	19.91	ppb	100
72) Chlorobenzene	8.532	112	894961	19.77	ppb	99
73) 1,1,1,2-tetrachloroethane	8.599	131	258714	20.21	ppb	98
74) n-Nonane	8.446	57	138598	15.90	ppb	99
75) Ethyl Benzene	8.556	91	1675134	20.04	ppb	100
76) p- & m-Xylenes	8.702	91	2564369	40.98	ppb	100
77) o-Xylene	9.141	91	1192765	19.92	ppb	99
78) Styrene	9.196	104	884217	20.50	ppb	99
79) Bromoform	9.233	173	82662	19.95	ppb	98
81) Isopropylbenzene	9.464	105	1499138	19.80	ppb	100
83) 1,1,2,2-Tetrachloroethane	9.989	83	142828	18.55	ppb	98
84) Bromobenzene	9.879	77	539219	19.72	ppb	99
85) trans-1,4-Dichloro-2-b...	10.178	53	34846	26.58	ppb	92
86) 1,2,3-Trichloropropane	10.135	110	43464	18.48	ppb	99
87) n-Propylbenzene	9.909	91	1693256	19.58	ppb	100
88) n-Decane	9.879	57	119797	17.93	ppb	99
89) p-Ethyltoluene	10.025	105	1368182	20.00	ppb	100
90) 1,3,5-Trimethylbenzene	10.117	105	1085624	19.96	ppb	100
91) 2-Chlorotoluene	10.074	91	1024430	19.94	ppb	100
92) 4-Chlorotoluene	10.257	91	926868	19.89	ppb	100
93) tert-Butylbenzene	10.464	119	991039	19.37	ppb	100
94) 1,2,4-Trimethylbenzene	10.544	105	1020489	19.83	ppb	100
95) sec-Butylbenzene	10.659	105	1260271	19.32	ppb	100
96) Limonene	10.629	68	272192	19.75	ppb	100
97) 1,3-Dichlorobenzene	10.903	146	469045	19.84	ppb	99
98) p-Isopropyltoluene	10.824	119	999915	19.50	ppb	100
99) 1,4-Dichlorobenzene	11.001	146	466567	19.95	ppb	99
100) 1,2,3-Trimethylbenzene	11.031	105	919916	19.94	ppb	99
101) p-Diethylbenzene	11.232	105	433546	20.10	ppb	99
102) trans-Decahydronapthalene	11.068	138	113630	16.55	ppb	99

Data File : V10C18744.D
 Data Path : C:\msdchem\1\data\V10-02-09-2026\
 Acq On : 9 Feb 2026 3:50 pm
 Operator : PMB
 Sample : SEQ-CAL8
 Misc :
 ALS Vial : 10
 InstName : VOA No. 10
 DataAcq Meth:VOA10ACQ.M
 Multiplr: 1.00

Quant Time: Feb 10 09:36:45 2026
 QMeth File : V10-8260D-R020926.M
 Quant Method : C:\msdchem\1\methods\V10-8260D-R020926.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Tue Feb 10 09:35:58 2026
 Response via : Initial Calibration

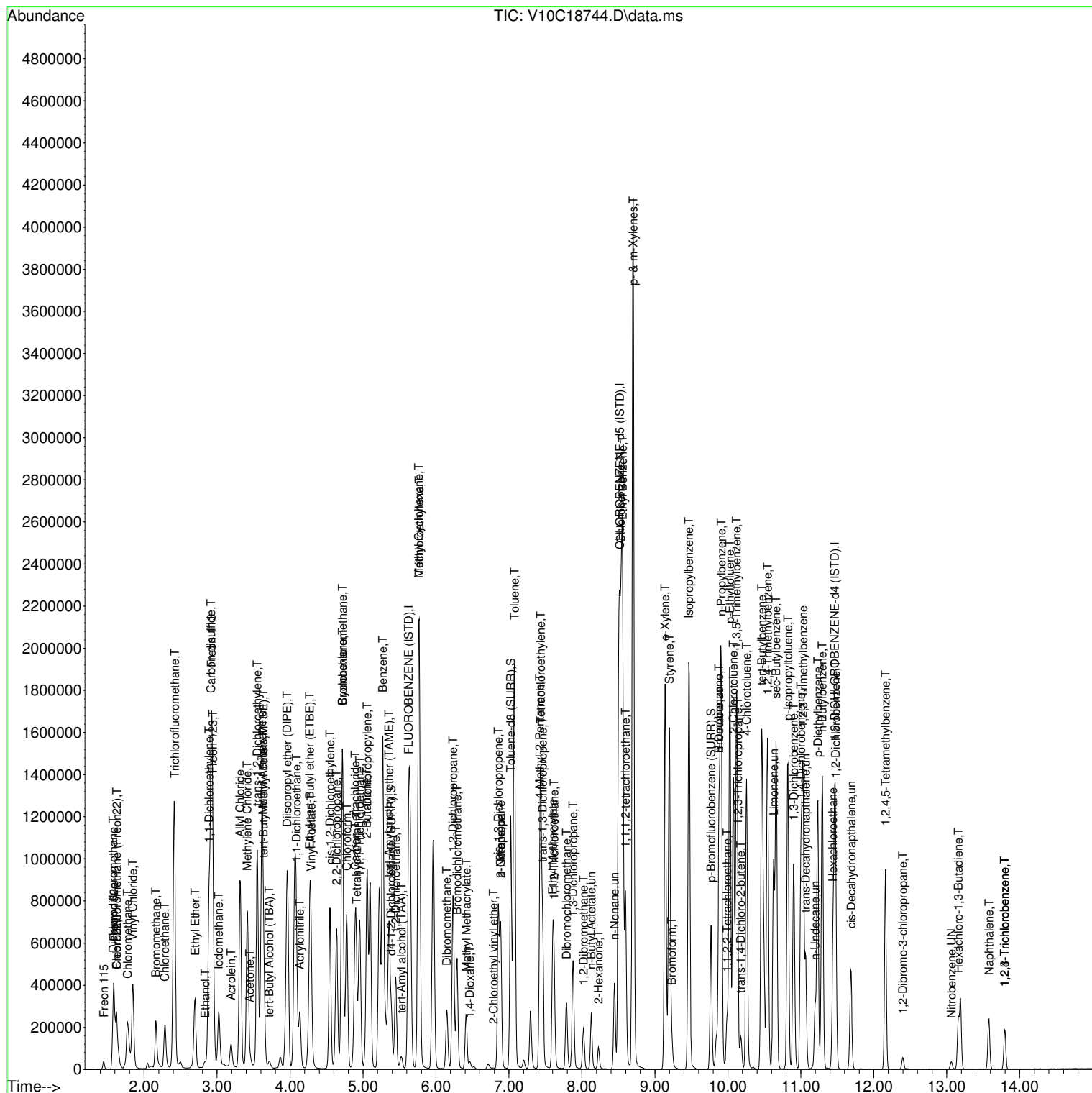
	Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
103)	1,2-Dichlorobenzene	11.476	146	375400	19.50	ppb	99
104)	n-Butylbenzene	11.293	91	992550	21.26	ppb	96
105)	Hexachloroethane	11.440	119	128551	22.81	ppb	81
106)	n-Undecane	11.196	71	52747	25.45	ppb	98
107)	cis-Decahydronapthalene	11.690	138	81822	17.49	ppb	# 98
108)	1,2-Dibromo-3-chloropr...	12.397	75	15762	19.81	ppb	97
109)	1,2,4,5-Tetramethylben...	12.159	119	581344	20.84	ppb	99
110)	Nitrobenzene	13.061	77	18384	203.41	ppb	98
111)	1,2,4-Trichlorobenzene	13.793	180	69803	21.68	ppb	97
112)	Hexachloro-1,3-Butadiene	13.159	225	51642	19.69	ppb	98
113)	Naphthalene	13.580	128	220862	21.33	ppb	99
114)	1,2,3-Trichlorobenzene	13.793	180	69803	21.68	ppb	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : V10C18744.D
 Data Path : C:\msdchem\1\data\V10-02-09-2026\
 Acq On : 9 Feb 2026 3:50 pm
 Operator : PMB
 Sample : SEQ-CAL8
 Misc :
 ALS Vial : 10
 InstName : VOA No. 10
 DataAcq Meth:VOA10ACQ.M

Multiplr: 1.00

Quant Time: Feb 10 09:36:45 2026
 QMeth File : V10-8260D-R020926.M
 Quant Method : C:\msdchem\1\methods\V10-8260D-R020926.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Tue Feb 10 09:35:58 2026
 Response via : Initial Calibration



Data File : V10C18745.D
 Data Path : C:\msdchem\1\data\V10-02-09-2026\
 Acq On : 9 Feb 2026 4:19 pm
 Operator : PMB
 Sample : SEQ-CAL9
 Misc :
 ALS Vial : 11
 InstName : VOA No. 10
 DataAcq Meth:VOA10ACQ.M
 Multiplr: 1.00

Quant Time: Feb 10 09:36:49 2026
 QMeth File : V10-8260D-R020926.M
 Quant Method : C:\msdchem\1\methods\V10-8260D-R020926.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Tue Feb 10 09:35:58 2026
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
Internal Standards						
1) FLUOROBENZENE (ISTD)	5.624	50	111026	10.00	ppb	0.00
48) CHLOROBENZENE-d5 (ISTD)	8.520	119	203120	10.00	ppb	0.00
80) 1,2-DICHLOROBENZENE-d4...	11.464	152	211590	10.00	ppb	0.00
System Monitoring Compounds						
42) d4-1,2-Dichloroethane ...	5.392	65	179017	8.55	ppb	0.01
Spiked Amount 10.000	Range 69 - 130		Recovery	=	85.50%	
60) Toluene-d8 (SURR)	7.026	98	856393	9.57	ppb	0.00
Spiked Amount 10.000	Range 81 - 117		Recovery	=	95.70%	
82) p-Bromofluorobenzene (...)	9.770	95	266856	9.56	ppb	0.00
Spiked Amount 10.000	Range 79 - 122		Recovery	=	95.60%	
Target Compounds						
						Qvalue
2) Freon 115	1.452	85	23374	15.03	ppb	94
3) Freon 152a	1.593	65	252378	30.89	ppb	# 1
4) Dichlorodifluoromethane	1.581	85	549393	32.74	ppb	99
5) Freon 22	1.622	67	103773	32.71	ppb	31
6) Chlorodifluoromethane ...	1.622	67	103773	32.71	ppb	31
7) Chloromethane	1.771	50	801633	34.31	ppb	99
8) Vinyl Chloride	1.850	62	840285	36.89	ppb	98
9) Bromomethane	2.167	94	422943	82.35	ppb	99
10) Chloroethane	2.289	64	441337	39.40	ppb	100
11) Trichlorofluoromethane	2.423	101	963223	35.76	ppb	99
12) Ethyl Ether	2.698	59	493732	38.07	ppb	99
13) Ethanol	2.838	45	190088m	1021.13	ppb	
14) Freon 123	2.942	83	1090253	36.56	ppb	97
15) 1,1-Dichloroethylene	2.893	61	1113650	34.63	ppb	99
16) Freon 113	2.929	101	631521	32.14	ppb	98
17) Acrolein	3.198	56	158285	88.45	ppb	91
18) Acetone	3.454	58	53115	23.34	ppb	90
19) Iodomethane	3.027	142	665608m	85.15	ppb	
20) Carbon disulfide	2.923	76	2223473	37.35	ppb	99
21) Allyl Chloride	3.320	41	1278827	61.27	ppb	99
22) Methyl Acetate	3.630	74	29588m	26.76	ppb	
23) tert-Butyl Alcohol (TBA)	3.716	59	40514m	222.17	ppb	
24) Methylene Chloride	3.417	49	947394	36.43	ppb	99
25) Acrylonitrile	4.136	53	488745	198.42	ppb	98
26) trans-1,2-Dichloroethy...	3.551	61	1219182	36.44	ppb	99
27) tert-Butyl Methyl Ethe...	3.630	73	665284	27.48	ppb	72
28) n-hexane	3.618	57	1035552	23.18	ppb	91
29) 1,1-Dichloroethane	4.088	63	1314784	42.01	ppb	99
30) Vinyl Acetate	4.289	86	82443	40.63	ppb	99
31) Diisopropyl ether (DIPE)	3.960	45	2189407	39.19	ppb	99
32) Ethyl-tert-Butyl ether...	4.271	59	1575343	48.14	ppb	88
33) cis-1,2-Dichloroethylene	4.551	61	967811	37.11	ppb	99
34) 2-Butanone	5.051	72	71160m	36.76	ppb	
35) 2,2-Dichloropropane	4.636	77	598778	63.44	ppb	99
36) Tetrahydrofuran	4.911	71	166175	196.60	ppb	93
37) Bromochloromethane	4.722	49	424531	36.00	ppb	95
38) Chloroform	4.777	83	1183801	37.74	ppb	97
39) 1,1,1-Trichloroethane	4.953	97	994569	37.98	ppb	99
40) Cyclohexane	4.716	56	1125416	31.20	ppb	99
41) 1,1-Dichloropropylene	5.057	75	982735	36.85	ppb	88
43) Carbon Tetrachloride	4.899	117	779483	39.34	ppb	100

Data File : V10C18745.D
 Data Path : C:\msdchem\1\data\V10-02-09-2026\
 Acq On : 9 Feb 2026 4:19 pm
 Operator : PMB
 Sample : SEQ-CAL9
 Misc :
 ALS Vial : 11
 InstName : VOA No. 10
 DataAcq Meth:VOA10ACQ.M
 Multiplr: 1.00

Quant Time: Feb 10 09:36:49 2026
 QMeth File : V10-8260D-R020926.M
 Quant Method : C:\msdchem\1\methods\V10-8260D-R020926.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Tue Feb 10 09:35:58 2026
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
44) tert-Amyl alcohol (TAA)	5.520	59	68185	215.22	ppb	95
45) 1,2-Dichloroethane	5.447	62	688961	37.26	ppb	99
46) Benzene	5.270	78	3095345	38.33	ppb	100
47) tert-Amyl methyl ether...	5.356	73	1252567	50.03	ppb	98
49) Trichloroethylene	5.770	95	768453	40.78	ppb	98
50) Methyl Cyclohexane	5.764	83	1036664	30.39	ppb	99
51) Methyl Methacrylate	6.410	69	247686	43.18	ppb	99
52) Dibromomethane	6.148	93	251464	41.48	ppb	98
53) Bromodichloromethane	6.288	83	795032	42.52	ppb	100
54) 1,2-Dichloropropane	6.234	63	716173	40.78	ppb	99
55) 1,4-Dioxane	6.465	88	62694	855.18	ppb	99
56) 2-Nitropropane	6.886	43	258688	64.79	ppb	98
57) 2-Chloroethyl vinyl ether	6.788	63	1383	21.07	ppb	# 100
58) cis-1,3-Dichloropropene	6.855	75	988953	44.45	ppb	92
59) 4-Methyl-2-Pentanone	7.422	43	272013	43.65	ppb	99
61) Toluene	7.075	91	3281065	40.45	ppb	99
62) n-Octane	6.886	85	139840	14.18	ppb	96
63) Ethyl Methacrylate	7.599	69	527459	43.58	ppb	100
64) trans-1,3-Dichloropropene	7.459	75	753660	48.14	ppb	99
65) 1,1,2-Trichloroethane	7.617	97	392056	40.85	ppb	98
66) 1,3-Dichloropropane	7.880	76	714014	40.80	ppb	99
67) Tetrachloroethylene	7.435	166	870923	38.95	ppb	100
68) 2-Hexanone	8.227	43	175910	40.93	ppb	99
69) n-Butyl Actetate	8.130	43	480604	43.01	ppb	100
70) Dibromochloromethane	7.788	129	433795	43.75	ppb	99
71) 1,2-Dibromoethane	8.020	107	336094	42.19	ppb	99
72) Chlorobenzene	8.532	112	1962944	41.49	ppb	97
73) 1,1,1,2-tetrachloroethane	8.599	131	570366	42.63	ppb	98
74) n-Nonane	8.447	57	107505	11.80	ppb	100
75) Ethyl Benzene	8.556	91	3563597	40.79	ppb	100
76) p- & m-Xylenes	8.703	91	5530641	84.59	ppb	100
77) o-Xylene	9.142	91	2545296	40.69	ppb	99
78) Styrene	9.196	104	1944127	43.14	ppb	99
79) Bromoform	9.227	173	202281	46.71	ppb	98
81) Isopropylbenzene	9.465	105	3083417	38.74	ppb	100
83) 1,1,2,2-Tetrachloroethane	9.989	83	335043	41.40	ppb	99
84) Bromobenzene	9.879	77	1177006	40.95	ppb	100
85) trans-1,4-Dichloro-2-b...	10.178	53	84121	61.06	ppb	82
86) 1,2,3-Trichloropropane	10.135	110	102476	41.46	ppb	100
87) n-Propylbenzene	9.910	91	3456739	38.02	ppb	100
88) n-Decane	9.879	57	124014	17.66	ppb	98
89) p-Ethyltoluene	10.026	105	2789194	38.80	ppb	100
90) 1,3,5-Trimethylbenzene	10.117	105	2252395	39.41	ppb	100
91) 2-Chlorotoluene	10.074	91	2176335	40.31	ppb	100
92) 4-Chlorotoluene	10.257	91	1990269	40.64	ppb	100
93) tert-Butylbenzene	10.464	119	2050854	38.14	ppb	99
94) 1,2,4-Trimethylbenzene	10.544	105	2142890	39.61	ppb	99
95) sec-Butylbenzene	10.660	105	2466419	35.97	ppb	99
96) Limonene	10.629	68	462765	31.95	ppb	99
97) 1,3-Dichlorobenzene	10.903	146	1009949	40.65	ppb	99
98) p-Isopropyltoluene	10.824	119	1957657	36.32	ppb	100
99) 1,4-Dichlorobenzene	11.001	146	1014000	41.25	ppb	99
100) 1,2,3-Trimethylbenzene	11.031	105	1999887	41.25	ppb	99
101) p-Diethylbenzene	11.233	105	841442	37.12	ppb	99
102) trans-Decahydronapthalene	11.068	138	143816	19.93	ppb	98

Data File : V10C18745.D
 Data Path : C:\msdchem\1\data\V10-02-09-2026\
 Acq On : 9 Feb 2026 4:19 pm
 Operator : PMB
 Sample : SEQ-CAL9
 Misc :
 ALS Vial : 11
 InstName : VOA No. 10
 DataAcq Meth:VOA10ACQ.M
 Multiplr: 1.00

Quant Time: Feb 10 09:36:49 2026
 QMeth File : V10-8260D-R020926.M
 Quant Method : C:\msdchem\1\methods\V10-8260D-R020926.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Tue Feb 10 09:35:58 2026
 Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
103)	1,2-Dichlorobenzene	11.476	146	834924	41.26	ppb	99
104)	n-Butylbenzene	11.294	91	1970312	40.16	ppb	93
105)	Hexachloroethane	11.440	119	280146	47.29	ppb	74
106)	n-Undecane	11.196	71	58152	26.69	ppb	97
107)	cis-Decahydronapthalene	11.684	138	120863	24.58	ppb	# 97
108)	1,2-Dibromo-3-chloropr...	12.397	75	38434	45.95	ppb	98
109)	1,2,4,5-Tetramethylben...	12.159	119	1198353	40.88	ppb	99
110)	Nitrobenzene	13.062	77	56302	592.73	ppb	96
111)	1,2,4-Trichlorobenzene	13.799	180	141138	41.70	ppb	98
112)	Hexachloro-1,3-Butadiene	13.159	225	84673	30.71	ppb	99
113)	Naphthalene	13.574	128	474601	43.61	ppb	99
114)	1,2,3-Trichlorobenzene	13.799	180	141138	41.70	ppb	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

324

Data File : V10C18746.D
 Data Path : C:\msdchem\1\data\V10-02-09-2026\
 Acq On : 9 Feb 2026 4:49 pm
 Operator : PMB
 Sample : SEQ-CALA
 Misc :
 ALS Vial : 12
 InstName : VOA No. 10
 DataAcq Meth:VOA10ACQ.M
 Multiplr: 1.00

Quant Time: Feb 10 09:36:53 2026
 QMeth File : V10-8260D-R020926.M
 Quant Method : C:\msdchem\1\methods\V10-8260D-R020926.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Tue Feb 10 09:35:58 2026
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)

Internal Standards						
1) FLUOROBENZENE (ISTD)	5.624	50	121224	10.00	ppb	0.00
48) CHLOROBENZENE-d5 (ISTD)	8.520	119	221390	10.00	ppb	0.00
80) 1,2-DICHLOROBENZENE-d4...	11.464	152	213460	10.00	ppb	0.00
System Monitoring Compounds						
42) d4-1,2-Dichloroethane ...	5.392	65	165503	7.24	ppb	0.01
Spiked Amount 10.000	Range 69 - 130		Recovery	=	72.40%	
60) Toluene-d8 (SURR)	7.026	98	875673	8.98	ppb	0.00
Spiked Amount 10.000	Range 81 - 117		Recovery	=	89.80%	
82) p-Bromofluorobenzene (...)	9.769	95	269873	9.59	ppb	0.00
Spiked Amount 10.000	Range 79 - 122		Recovery	=	95.90%	
Target Compounds						Qvalue
2) Freon 115	1.457	85	45110	26.57	ppb	95
3) Freon 152a	1.599	65	539402	60.47	ppb	98
4) Dichlorodifluoromethane	1.587	85	1100808	60.08	ppb	100
5) Freon 22	1.628	67	219270	63.30	ppb	92
6) Chlorodifluoromethane ...	1.628	67	219270	63.30	ppb	92
7) Chloromethane	1.771	50	2137899	83.79	ppb	99
8) Vinyl Chloride	1.856	62	1772614	71.27	ppb	99
9) Bromomethane	2.173	94	843785	150.47	ppb	99
10) Chloroethane	2.301	64	831090	67.96	ppb	99
11) Trichlorofluoromethane	2.435	101	1774573	60.34	ppb	99
12) Ethyl Ether	2.704	59	938976	66.31	ppb	100
13) Ethanol	2.801	45	799482	3933.43	ppb	98
14) Freon 123	2.947	83	2308054	70.88	ppb	96
15) 1,1-Dichloroethylene	2.905	61	2403783	68.46	ppb	98
16) Freon 113	2.929	101	1290611	60.15	ppb	98
17) Acrolein	3.204	56	318982	163.26	ppb	94
18) Acetone	3.447	58	189029	76.09	ppb	95
19) Iodomethane	3.045	142	621102m	72.78	ppb	
20) Carbon disulfide	2.935	76	4547444	69.97	ppb	99
21) Allyl Chloride	3.325	41	1882574	82.61	ppb	100
23) tert-Butyl Alcohol (TBA)	3.697	59	40053	201.17	ppb	36
24) Methylene Chloride	3.429	49	1824246	64.25	ppb	97
25) Acrylonitrile	4.142	53	890123	330.97	ppb	97
26) trans-1,2-Dichloroethy...	3.557	61	2559148	70.06	ppb	98
27) tert-Butyl Methyl Ethe...	3.618	73	256714	9.71	ppb	# 1
28) n-hexane	3.612	57	1583552	32.47	ppb	92
29) 1,1-Dichloroethane	4.094	63	2595769	75.96	ppb	99
30) Vinyl Acetate	4.289	86	122831	55.44	ppb	78
31) Diisopropyl ether (DIPE)	3.953	45	4182833	68.57	ppb	99
32) Ethyl-tert-Butyl ether...	4.264	59	997809	27.93	ppb	99
33) cis-1,2-Dichloroethylene	4.551	61	2060385	72.36	ppb	99
34) 2-Butanone	5.051	72	125112	59.19	ppb	83
35) 2,2-Dichloropropane	4.630	77	115833	11.24	ppb	79
36) Tetrahydrofuran	4.917	71	306281	331.87	ppb	93
37) Bromochloromethane	4.728	49	754847	58.63	ppb	88
38) Chloroform	4.776	83	2528423	73.83	ppb	99
39) 1,1,1-Trichloroethane	4.953	97	1979597	69.24	ppb	99
40) Cyclohexane	4.715	56	2235440	56.76	ppb	98
41) 1,1-Dichloropropylene	5.057	75	2067045	70.99	ppb	97
43) Carbon Tetrachloride	4.898	117	1440060	66.57	ppb	99
44) tert-Amyl alcohol (TAA)	5.514	59	52635	152.16	ppb	97

Data File : V10C18746.D
 Data Path : C:\msdchem\1\data\V10-02-09-2026\
 Acq On : 9 Feb 2026 4:49 pm
 Operator : PMB
 Sample : SEQ-CALA
 Misc :
 ALS Vial : 12
 InstName : VOA No. 10
 DataAcq Meth:VOA10ACQ.M
 Multiplr: 1.00

Quant Time: Feb 10 09:36:53 2026
 QMeth File : V10-8260D-R020926.M
 Quant Method : C:\msdchem\1\methods\V10-8260D-R020926.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Tue Feb 10 09:35:58 2026
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
45) 1,2-Dichloroethane	5.447	62	1339266	66.34	ppb	99
46) Benzene	5.270	78	6674298	75.69	ppb	99
47) tert-Amyl methyl ether...	5.349	73	1002559	36.68	ppb	99
49) Trichloroethylene	5.770	95	1737833	84.62	ppb	99
50) Methyl Cyclohexane	5.764	83	1979880	53.26	ppb	98
51) Methyl Methacrylate	6.410	69	448948	71.81	ppb	98
52) Dibromomethane	6.148	93	438480	66.37	ppb	98
53) Bromodichloromethane	6.288	83	1624792	79.72	ppb	100
54) 1,2-Dichloropropane	6.233	63	1491716	77.93	ppb	99
55) 1,4-Dioxane	6.459	88	129116	1615.88	ppb	98
56) 2-Nitropropane	6.886	43	401109	92.17	ppb	100
58) cis-1,3-Dichloropropene	6.855	75	1878467	77.47	ppb	90
59) 4-Methyl-2-Pentanone	7.422	43	500941	73.75	ppb	99
61) Toluene	7.075	91	7225308	81.72	ppb	99
62) n-Octane	6.886	85	209200	19.47	ppb	96
63) Ethyl Methacrylate	7.599	69	990504	75.09	ppb	99
64) trans-1,3-Dichloropropene	7.459	75	1340171	78.53	ppb	99
65) 1,1,2-Trichloroethane	7.617	97	776021	74.18	ppb	99
66) 1,3-Dichloropropane	7.879	76	1353940	70.99	ppb	99
67) Tetrachloroethylene	7.434	166	1951582	80.08	ppb	100
68) 2-Hexanone	8.227	43	311038	66.39	ppb	99
69) n-Butyl Actetate	8.129	43	875369	71.87	ppb	100
70) Dibromochloromethane	7.788	129	879824	81.42	ppb	99
71) 1,2-Dibromoethane	8.020	107	519064	59.78	ppb	100
72) Chlorobenzene	8.532	112	4418425	85.69	ppb	96
73) 1,1,1,2-tetrachloroethane	8.599	131	1209236	82.92	ppb	99
74) n-Nonane	8.446	57	174244	17.55	ppb	99
75) Ethyl Benzene	8.556	91	8020097	84.23	ppb	99
76) p- & m-Xylenes	8.702	91	12351305	173.32	ppb	98
77) o-Xylene	9.141	91	5615947	82.36	ppb	99
78) Styrene	9.196	104	4300290	87.55	ppb	98
79) Bromoform	9.227	173	421242	89.25	ppb	98
81) Isopropylbenzene	9.471	105	6568074	81.80	ppb	99
83) 1,1,2,2-Tetrachloroethane	9.989	83	649222	79.51	ppb	99
84) Bromobenzene	9.879	77	2532120	87.33	ppb	98
85) trans-1,4-Dichloro-2-b...	10.178	53	135437	97.44	ppb	89
86) 1,2,3-Trichloropropane	10.135	110	205876	82.57	ppb	100
87) n-Propylbenzene	9.910	91	7263296	79.20	ppb	99
88) n-Decane	9.879	57	229128	32.33	ppb	98
89) p-Ethyltoluene	10.025	105	5878340	81.05	ppb	100
90) 1,3,5-Trimethylbenzene	10.123	105	4719221	81.84	ppb	100
91) 2-Chlorotoluene	10.080	91	4691724	86.14	ppb	100
92) 4-Chlorotoluene	10.257	91	4247118	85.96	ppb	100
93) tert-Butylbenzene	10.464	119	4204161	77.51	ppb	99
94) 1,2,4-Trimethylbenzene	10.544	105	4515512	82.74	ppb	100
95) sec-Butylbenzene	10.665	105	4705044	68.02	ppb	98
96) Limonene	10.629	68	728021	49.82	ppb	99
97) 1,3-Dichlorobenzene	10.903	146	2126962	84.87	ppb	99
98) p-Isopropyltoluene	10.824	119	3831405	70.46	ppb	100
99) 1,4-Dichlorobenzene	11.007	146	2141891	86.38	ppb	99
100) 1,2,3-Trimethylbenzene	11.031	105	4225103	86.39	ppb	99
101) p-Diethylbenzene	11.232	105	1628739	71.22	ppb	99
102) trans-Decahydronapthalene	11.068	138	204682	28.12	ppb	96
103) 1,2-Dichlorobenzene	11.476	146	1680955	82.33	ppb	99
104) n-Butylbenzene	11.293	91	3595806	72.64	ppb	94

Data File : V10C18746.D
 Data Path : C:\msdchem\1\data\V10-02-09-2026\
 Acq On : 9 Feb 2026 4:49 pm
 Operator : PMB
 Sample : SEQ-CALA
 Misc :
 ALS Vial : 12
 InstName : VOA No. 10
 DataAcq Meth:VOA10ACQ.M
 Multiplr: 1.00

Quant Time: Feb 10 09:36:53 2026
 QMeth File : V10-8260D-R020926.M
 Quant Method : C:\msdchem\1\methods\V10-8260D-R020926.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Tue Feb 10 09:35:58 2026
 Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
105)	Hexachloroethane	11.440	119	564342	94.43	ppb	# 70
106)	n-Undecane	11.196	71	86531	39.37	ppb	96
107)	cis-Decahydronapthalene	11.690	138	171887	34.65	ppb	# 99
108)	1,2-Dibromo-3-chloropr...	12.397	75	67607	80.12	ppb	96
109)	1,2,4,5-Tetramethylben...	12.159	119	2412885	81.59	ppb	99
110)	Nitrobenzene	13.061	77	149355	1558.60	ppb	94
111)	1,2,4-Trichlorobenzene	13.799	180	261048	76.45	ppb	98
112)	Hexachloro-1,3-Butadiene	13.159	225	135508	48.72	ppb	99
113)	Naphthalene	13.573	128	862746	78.59	ppb	99
114)	1,2,3-Trichlorobenzene	13.799	180	261048	76.45	ppb	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Abundance	TIC: V10C18746.D\data.ms



SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8260D

Laboratory: ALS Environmental - Stratford

SDG: 26B1152

Client: Hydro Tech Environmental

Project: 230051-170 Freeman Rd Brooklyn NY

Calibration: SB60017

Laboratory ID: S6B1124-SCV1

Sequence: S6B1124

Standard ID: S26B297

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DIFF	QC LIMIT
1,1,1,2-Tetrachloroethane	10.0	10.2	1.5	30.00
1,1,1-Trichloroethane	10.0	10.4	3.7	30.00
1,1,2,2-Tetrachloroethane	10.0	8.98	-10.2	30.00
1,1,2-Trichloroethane	10.0	10.1	0.8	30.00
1,1-Dichloroethane	10.0	10.1	1.1	30.00
1,1-Dichloroethylene	10.0	10.2	1.6	30.00
1,2,3-Trichlorobenzene	10.0	9.30	-7.0	30.00
1,2,3-Trichloropropane	10.0	8.79	-12.1	30.00
1,2,4-Trichlorobenzene	10.0	9.51	-4.9	30.00
1,2,4-Trimethylbenzene	10.0	10.1	1.1	30.00
1,2-Dibromo-3-chloropropane	10.0	8.85	-11.5	30.00
1,2-Dibromoethane	10.0	10.1	1.0	30.00
1,2-Dichlorobenzene	10.0	9.28	-7.2	30.00
1,2-Dichloroethane	10.0	9.96	-0.4	30.00
1,2-Dichloropropane	10.0	10.2	1.8	30.00
1,3,5-Trimethylbenzene	10.0	10.1	1.2	30.00
1,3-Dichlorobenzene	10.0	9.53	-4.7	30.00
1,4-Dichlorobenzene	10.0	9.56	-4.4	30.00
2-Butanone	10.0	50.2	402 *	30.00
2-Hexanone	10.0	46.0	360 *	30.00
4-Methyl-2-pentanone	10.0	46.2	362 *	30.00
Acetone	10.0	48.6	386 *	30.00
Acrolein	40.0	25.5	-36.4 *	30.00
Acrylonitrile	10.0	11.3	12.7	30.00
Benzene	10.0	10.3	2.8	30.00

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8260D

Laboratory: ALS Environmental - Stratford

SDG: 26B1152

Client: Hydro Tech Environmental

Project: 230051-170 Freeman Rd Brooklyn NY

Calibration: SB60017

Laboratory ID: S6B1124-SCV1

Sequence: S6B1124

Standard ID: S26B297

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DIFF	QC LIMIT
Bromochloromethane	10.0	9.75	-2.5	30.00
Bromodichloromethane	10.0	10.1	1.3	30.00
Bromoform	10.0	9.34	-6.6	30.00
Bromomethane	10.0	10.8	8.2	30.00
Carbon disulfide	10.0	9.47	-5.3	30.00
Carbon tetrachloride	10.0	10.5	4.9	30.00
Chlorobenzene	10.0	10.2	1.9	30.00
Chloroethane	10.0	13.8	38.3 *	30.00
Chloroform	10.0	9.98	-0.2	30.00
Chloromethane	10.0	8.46	-15.4	30.00
cis-1,2-Dichloroethylene	10.0	10.2	2.1	30.00
cis-1,3-Dichloropropylene	10.0	10.4	4.5	30.00
Cyclohexane	10.0	11.0	10.2	30.00
Dibromochloromethane	10.0	9.97	-0.3	30.00
Dibromomethane	10.0	9.92	-0.8	30.00
Dichlorodifluoromethane	10.0	4.95	-50.5 *	30.00
Ethyl Benzene	10.0	10.9	9.0	30.00
Hexachlorobutadiene	10.0	10.8	8.2	30.00
Isopropylbenzene	10.0	10.4	4.2	30.00
Methyl acetate	10.0	9.58	-4.2	30.00
Methyl tert-butyl ether (MTBE)	10.0	9.95	-0.5	30.00
Methylcyclohexane	10.0	10.8	8.0	30.00
Methylene chloride	10.0	7.65	-23.5	30.00
n-Butylbenzene	10.0	8.94	-10.6	30.00
n-Propylbenzene	10.0	10.3	2.9	30.00

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8260D

Laboratory: ALS Environmental - Stratford

SDG: 26B1152

Client: Hydro Tech Environmental

Project: 230051-170 Freeman Rd Brooklyn NY

Calibration: SB60017

Laboratory ID: S6B1124-SCV1

Sequence: S6B1124

Standard ID: S26B297

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DIFF	QC LIMIT
o-Xylene	10.0	11.2	11.6	30.00
p- & m- Xylenes	20.0	21.6	8.0	30.00
p-Isopropyltoluene	10.0	11.1	10.9	30.00
sec-Butylbenzene	10.0	10.7	7.3	30.00
Styrene	10.0	11.0	10.5	30.00
tert-Butyl alcohol (TBA)	50.0	51.2	2.5	30.00
tert-Butylbenzene	10.0	9.07	-9.3	30.00
Tetrachloroethylene	10.0	9.43	-5.7	30.00
Toluene	10.0	10.5	5.2	30.00
trans-1,2-Dichloroethylene	10.0	10.5	5.1	30.00
trans-1,3-Dichloropropylene	10.0	10.4	4.5	30.00
trans-1,4-dichloro-2-butene	10.0	8.86	-11.4	30.00
Trichloroethylene	10.0	10.2	1.7	30.00
Trichlorofluoromethane	10.0	11.1	10.7	30.00
Vinyl Chloride	10.0	9.63	-3.7	30.00

* Values outside of QC limits

Data Path : C:\msdchem\1\data\VOA7-02-10-26\
 Data File : V7-55287.D
 InstName : MSVOA7
 Acq On : 10 Feb 2026 4:05 pm
 Operator : THD
 Sample : SEQ-SCV1
 Misc : 8260
 ALS Vial : 25 Sample Multiplier: 1

Quant Time: Feb 10 16:28:00 2026

Quant Method : C:\msdchem\1\methods\Calibration\V7-8260D-R020926.M

Quant Title : Volatile Organics EPA 8260D & 624.1

QLast Update : Tue Feb 10 13:10:25 2026

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) FLUOROBENZENE (ISTD)	5.345	50	79834	10.00	ppb	0.00
48) CHLOROBENZENE-d5 (ISTD)	8.216	54	153209	10.00	ppb	0.00
80) 1,2-DICHLOROBENZENE-d4...	11.155	152	357637	10.00	ppb	0.00
System Monitoring Compounds						
42) d4-1,2-Dichloroethane ...	5.108	65	136120	10.34	ppb	0.00
Spiked Amount 10.000	Range	69 - 130	Recovery	=	103.40%	
60) Toluene-d8 (SURR)	6.738	98	917417	10.82	ppb	0.00
Spiked Amount 10.000	Range	81 - 117	Recovery	=	108.20%	
82) p-Bromofluorobenzene (...)	9.464	95	352535	10.20	ppb	0.00
Spiked Amount 10.000	Range	79 - 122	Recovery	=	102.00%	
Target Compounds						
					Qvalue	
2) Freon 115	1.316	85	2218	1.08	ppb	92
3) Freon 152a	1.451	65	93203	7.83	ppb	# 1
4) Dichlorodifluoromethane	1.439	85	121768	4.95	ppb	100
5) Freon 22	1.480	51	591656	12.71	ppb	93
6) Chlorodifluoromethane ...	1.480	51	591656	12.71	ppb	93
7) Chloromethane	1.616	50	271486	8.46	ppb	99
8) Vinyl Chloride	1.677	62	299605	9.63	ppb	99
9) Bromomethane	1.969	94	213751	10.82	ppb	99
10) Chloroethane	2.084	64	207517	13.83	ppb	99
11) Trichlorofluoromethane	2.206	101	355238	11.07	ppb	100
12) Ethyl Ether	2.486	59	298061	19.63	ppb	99
14) Freon 123	2.711	83	379334	10.65	ppb	98
15) 1,1-Dichloroethylene	2.656	61	360059	10.16	ppb	99
16) Freon 113	2.693	101	224572	10.74	ppb	100
17) Acrolein	2.954	56	47824	25.46	ppb	100
18) Acetone	3.210	58	9604	48.58	ppb	97
19) Iodomethane	2.784	142	313787	8.11	ppb	100
20) Carbon disulfide	2.680	76	824340	9.47	ppb	100
21) Allyl Chloride	3.070	41	426263	10.25	ppb	99
22) Methyl Acetate	3.313	74	15448	9.58	ppb	79
23) tert-Butyl Alcohol (TBA)	3.715	59	82438	51.25	ppb	99
24) Methylene Chloride	3.161	49	327722	7.65	ppb	100
25) Acrylonitrile	3.873	53	34296	11.27	ppb	91
26) trans-1,2-Dichloroethy...	3.295	61	402124	10.51	ppb	100
27) tert-Butyl Methyl Ethe...	3.398	73	444757	9.95	ppb	96
28) n-hexane	3.362	57	469358	11.72	ppb	98
29) 1,1-Dichloroethane	3.824	63	457740	10.11	ppb	100
30) Vinyl Acetate	4.031	86	21192	9.56	ppb	100
31) Diisopropyl ether (DIPE)	3.715	45	694519	10.25	ppb	100
32) Ethyl-tert-Butyl ether...	4.025	59	523223	9.77	ppb	100
33) cis-1,2-Dichloroethylene	4.274	61	331675	10.21	ppb	100
34) 2-Butanone	4.773	72	22245	50.21	ppb	88
35) 2,2-Dichloropropane	4.366	77	327433	10.91	ppb	99
36) Tetrahydrofuran	4.645	71	9403	9.00	ppb	65
37) Bromochloromethane	4.439	49	148936	9.75	ppb	99
38) Chloroform	4.506	83	425969	9.98	ppb	99
39) 1,1,1-Trichloroethane	4.676	97	357411	10.37	ppb	99
40) Cyclohexane	4.439	56	368176	11.02	ppb	100
41) 1,1-Dichloropropylene	4.779	75	346701	10.74	ppb	99
43) Carbon Tetrachloride	4.615	117	293884	10.49	ppb	100
44) tert-Amyl alcohol (TAA)	5.260	59	33101	92.28	ppb	97
45) 1,2-Dichloroethane	5.163	62	220475	9.96	ppb	99
46) Benzene	4.992	78	1058677	10.28	ppb	99

Data Path : C:\msdchem\1\data\VOA7-02-10-26\
 Data File : V7-55287.D
 InstName : MSVOA7
 Acq On : 10 Feb 2026 4:05 pm
 Operator : THD
 Sample : SEQ-SCV1
 Misc : 8260
 ALS Vial : 25 Sample Multiplier: 1

Quant Time: Feb 10 16:28:00 2026
 Quant Method : C:\msdchem\1\methods\Calibration\V7-8260D-R020926.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Tue Feb 10 13:10:25 2026
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
47) tert-Amyl methyl ether...	5.090	73	426292	9.91	ppb	99
49) Trichloroethylene	5.485	95	278206	10.17	ppb	100
50) Methyl Cyclohexane	5.479	83	406420	10.80	ppb	99
51) Methyl Methacrylate	6.136	69	68574	10.35	ppb	100
52) Dibromomethane	5.856	93	94741	9.92	ppb	99
53) Bromodichloromethane	6.002	83	293624	10.13	ppb	100
54) 1,2-Dichloropropane	5.947	63	244292	10.18	ppb	99
55) 1,4-Dioxane	6.185	88	5804	219.37	ppb	78
56) 2-Nitropropane	7.000	43	20249	7.35	ppb	78
57) 2-Chloroethyl vinyl ether	6.513	63	72489	9.96	ppb	99
58) cis-1,3-Dichloropropene	6.568	75	334785	10.45	ppb	99
59) 4-Methyl-2-Pentanone	7.140	43	77720	46.17	ppb	97
61) Toluene	6.781	91	1198874	10.52	ppb	99
62) n-Octane	6.610	85	202398	11.58	ppb	99
63) Ethyl Methacrylate	7.322	69	147485	10.54	ppb	99
64) trans-1,3-Dichloropropene	6.568	75	334785	10.45	ppb	99
65) 1,1,2-Trichloroethane	7.322	97	144285	10.08	ppb	99
66) 1,3-Dichloropropane	7.584	76	248319	10.12	ppb	100
67) Tetrachloroethylene	7.140	166	273905	9.43	ppb	99
68) 2-Hexanone	7.943	43	50844	46.03	ppb	99
69) n-Butyl Acetate	7.845	43	130878	10.71	ppb	98
70) Dibromochloromethane	7.493	129	170269	9.97	ppb	100
71) 1,2-Dibromoethane	7.718	107	128097	10.10	ppb	100
72) Chlorobenzene	8.235	112	737252	10.19	ppb	99
73) 1,1,1,2-tetrachloroethane	8.302	131	222075	10.15	ppb	99
74) n-Nonane	8.168	57	293492	14.03	ppb	99
75) Ethyl Benzene	8.259	91	1344884	10.90	ppb	99
76) p- & m-Xylenes	8.411	91	2049790	21.61	ppb	100
77) o-Xylene	8.843	91	996448	11.16	ppb	100
78) Styrene	8.898	104	762989	11.05	ppb	99
79) Bromoform	8.922	173	83008	9.34	ppb	99
81) Isopropylbenzene	9.172	105	1267836	10.42	ppb	100
83) 1,1,2,2-Tetrachloroethane	9.689	83	144006	8.98	ppb	98
84) Bromobenzene	9.573	77	499916	9.49	ppb	99
85) trans-1,4-Dichloro-2-b...	9.877	53	34332	8.86	ppb	96
86) 1,2,3-Trichloropropane	9.835	110	39397	8.79	ppb	99
87) n-Propylbenzene	9.610	91	1585346	10.29	ppb	100
88) n-Decane	9.597	57	328509	13.26	ppb	100
89) p-Ethyltoluene	9.731	105	1299440	10.14	ppb	99
90) 1,3,5-Trimethylbenzene	9.823	105	1072475	10.12	ppb	99
91) 2-Chlorotoluene	9.774	91	878204	9.91	ppb	100
92) 4-Chlorotoluene	9.950	91	917759	10.02	ppb	99
93) tert-Butylbenzene	10.169	119	899753	9.07	ppb	92
94) 1,2,4-Trimethylbenzene	10.248	105	1079586	10.11	ppb	100
95) sec-Butylbenzene	10.364	105	1408989	10.73	ppb	100
96) Limonene	10.327	68	309497	9.17	ppb	99
97) 1,3-Dichlorobenzene	10.595	146	575156	9.53	ppb	100
98) p-Isopropyltoluene	10.522	119	1219612	11.09	ppb	100
99) 1,4-Dichlorobenzene	10.693	146	558217	9.56	ppb	99
100) 1,2,3-Trimethylbenzene	10.729	105	1049446	9.92	ppb	100
101) p-Diethylbenzene	10.930	105	595043	10.42	ppb	100
102) trans-Decahydronapthalene	10.759	138	251273	12.10	ppb	99
103) 1,2-Dichlorobenzene	11.161	146	480941	9.28	ppb	100
104) n-Butylbenzene	10.997	91	1122366	8.94	ppb	89
105) Hexachloroethane	11.106	119	6771	0.33	ppb	# 1
106) n-Undecane	10.912	71	162378	14.17	ppb	99
107) cis-Decahydronapthalene	11.374	138	192488	12.22	ppb	# 99

Data Path : C:\msdchem\1\data\VOA7-02-10-26\
 Data File : V7-55287.D
 InstName : MSVOA7
 Acq On : 10 Feb 2026 4:05 pm
 Operator : THD
 Sample : SEQ-SCV1
 Misc : 8260
 ALS Vial : 25 Sample Multiplier: 1

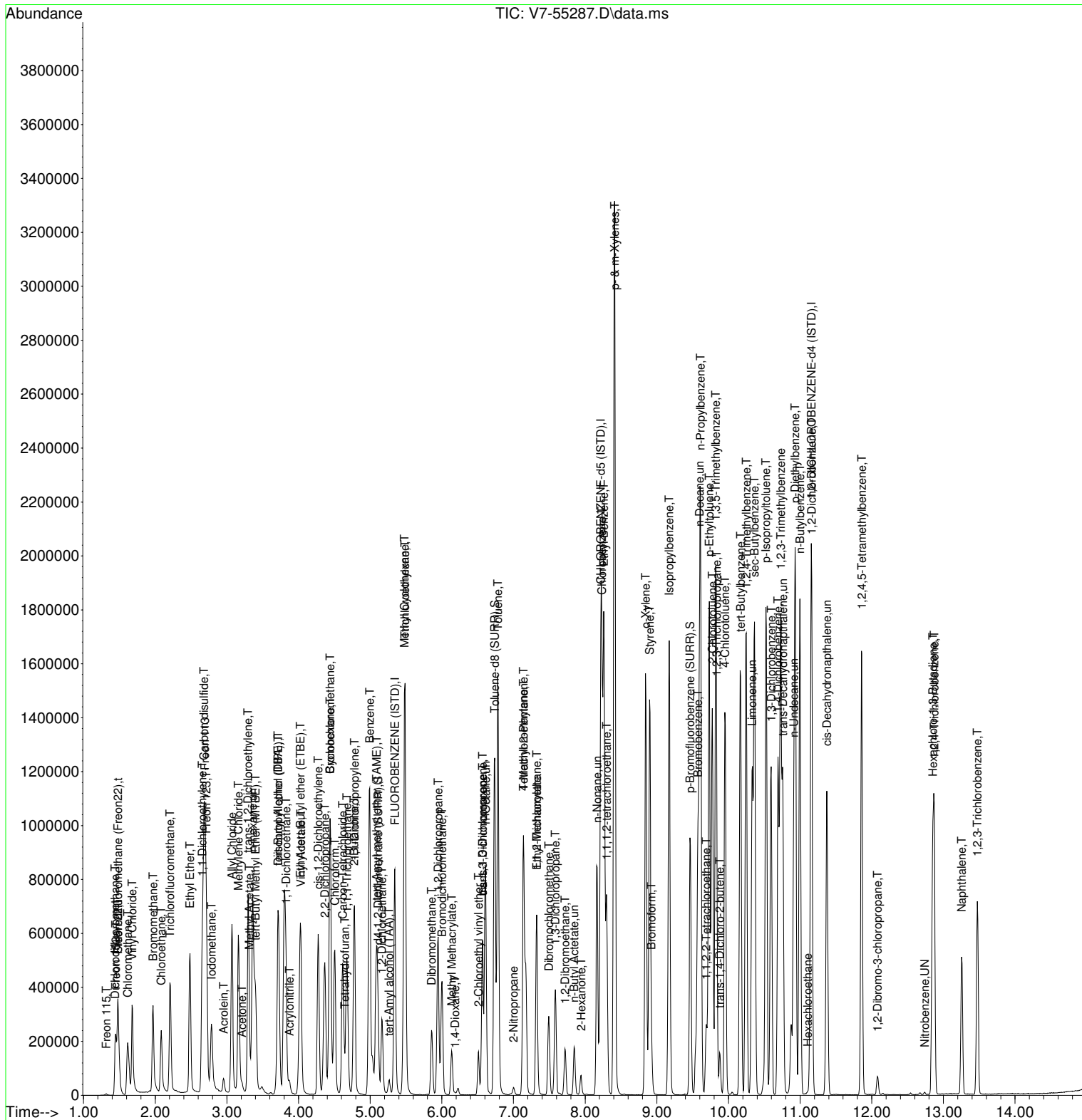
Quant Time: Feb 10 16:28:00 2026
 Quant Method : C:\msdchem\1\methods\Calibration\V7-8260D-R020926.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Tue Feb 10 13:10:25 2026
 Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
108)	1,2-Dibromo-3-chloropr...	12.080	75	19017	8.85	ppb	99
109)	1,2,4,5-Tetramethylben...	11.861	119	994794	10.01	ppb	100
110)	Nitrobenzene	12.737	77	5320	7.28	ppb	90
111)	1,2,4-Trichlorobenzene	12.870	180	316215	9.51	ppb	99
112)	Hexachloro-1,3-Butadiene	12.852	225	173878	10.82	ppb	100
113)	Naphthalene	13.254	128	440973	9.30	ppb	100
114)	1,2,3-Trichlorobenzene	13.473	180	246810	9.30	ppb	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
Data Path   : C:\msdchem\1\data\VOA7-02-10-26\  
Data File  : V7-55287.D  
InstName   : MSVOA7  
Acq On     : 10 Feb 2026    4:05 pm  
Operator   : THD  
Sample     : SEQ-SCV1  
Misc       : 8260  
ALS Vial   : 25    Sample Multiplier: 1
```

Quant Time: Feb 10 16:28:00 2026
Quant Method : C:\msdchem\1\methods\Calibration\V7-8260D-R020926.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Tue Feb 10 13:10:25 2026
Response via : Initial Calibration



SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8260D

Laboratory: ALS Environmental - Stratford

SDG: 26B1152

Client: Hydro Tech Environmental

Project: 230051-170 Freeman Rd Brooklyn NY

Calibration: SB60019

Laboratory ID: S6B1127-SCV1

Sequence: S6B1127

Standard ID: S26B297

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DIFF	QC LIMIT
1,1,1,2-Tetrachloroethane	10.0	10.9	9.3	30.00
1,1,1-Trichloroethane	10.0	12.3	22.9	30.00
1,1,2,2-Tetrachloroethane	10.0	10.1	0.9	30.00
1,1,2-Trichloroethane	10.0	10.3	2.7	30.00
1,1-Dichloroethane	10.0	11.4	14.3	30.00
1,1-Dichloroethylene	10.0	11.8	18.5	30.00
1,2,3-Trichlorobenzene	10.0	12.6	25.6	30.00
1,2,3-Trichloropropane	10.0	9.98	-0.2	30.00
1,2,4-Trichlorobenzene	10.0	12.6	25.6	30.00
1,2,4-Trimethylbenzene	10.0	10.8	7.7	30.00
1,2-Dibromo-3-chloropropane	10.0	8.70	-13.0	30.00
1,2-Dibromoethane	10.0	10.5	5.4	30.00
1,2-Dichlorobenzene	10.0	10.4	4.2	30.00
1,2-Dichloroethane	10.0	10.7	7.2	30.00
1,2-Dichloropropane	10.0	10.6	6.3	30.00
1,3,5-Trimethylbenzene	10.0	11.0	9.8	30.00
1,3-Dichlorobenzene	10.0	10.5	5.3	30.00
1,4-Dichlorobenzene	10.0	10.5	5.3	30.00
2-Butanone	10.0	11.2	11.6	30.00
2-Hexanone	10.0	10.0	0.4	30.00
4-Methyl-2-pentanone	10.0	9.72	-2.8	30.00
Acetone	10.0	14.4	43.7 *	30.00
Acrolein	40.0	36.5	-8.7	30.00
Acrylonitrile	10.0	9.67	-3.3	30.00
Benzene	10.0	11.3	13.0	30.00

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8260D

Laboratory: ALS Environmental - Stratford

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Client: Hydro Tech Environmental

Project: 230051-170 Freeman Rd Brooklyn NY

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Laboratory ID: S6B1127-SCV1

Sequence: S6B1127

Standard ID: S26B297

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DIFF	QC LIMIT
Bromochloromethane	10.0	10.9	9.4	30.00
Bromodichloromethane	10.0	11.0	10.5	30.00
Bromoform	10.0	9.72	-2.8	30.00
Bromomethane	10.0	8.90	-11.0	30.00
Carbon disulfide	10.0	11.0	10.2	30.00
Carbon tetrachloride	10.0	13.3	33.0 *	30.00
Chlorobenzene	10.0	10.4	3.8	30.00
Chloroethane	10.0	14.8	47.7 *	30.00
Chloroform	10.0	11.8	18.3	30.00
Chloromethane	10.0	11.1	11.4	30.00
cis-1,2-Dichloroethylene	10.0	10.9	9.2	30.00
cis-1,3-Dichloropropylene	10.0	10.8	8.5	30.00
Cyclohexane	10.0	12.6	26.4	30.00
Dibromochloromethane	10.0	10.6	5.6	30.00
Dibromomethane	10.0	10.8	7.5	30.00
Dichlorodifluoromethane	10.0	12.6	26.3	30.00
Ethyl Benzene	10.0	10.8	8.2	30.00
Hexachlorobutadiene	10.0	11.2	11.6	30.00
Isopropylbenzene	10.0	11.5	14.7	30.00
Methyl acetate	10.0	9.62	-3.8	30.00
Methyl tert-butyl ether (MTBE)	10.0	10.2	2.1	30.00
Methylcyclohexane	10.0	12.6	25.5	30.00
Methylene chloride	10.0	10.3	2.8	30.00
n-Butylbenzene	10.0	9.23	-7.7	30.00
n-Propylbenzene	10.0	11.2	11.6	30.00

SECOND-SOURCE CALIBRATION VERIFICATION

EPA 8260D

Laboratory: ALS Environmental - Stratford

SDG: 26B1152

Client: Hydro Tech Environmental

Project: 230051-170 Freeman Rd Brooklyn NY

Calibration: SB60019

Laboratory ID: S6B1127-SCV1

Sequence: S6B1127

Standard ID: S26B297

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DIFF	QC LIMIT
o-Xylene	10.0	10.6	5.8	30.00
p- & m- Xylenes	20.0	21.4	6.8	30.00
p-Isopropyltoluene	10.0	11.7	16.8	30.00
sec-Butylbenzene	10.0	11.4	14.2	30.00
Styrene	10.0	10.5	5.2	30.00
tert-Butyl alcohol (TBA)	50.0	31.1	-37.8 *	30.00
tert-Butylbenzene	10.0	10.2	1.8	30.00
Tetrachloroethylene	10.0	9.38	-6.2	30.00
Toluene	10.0	10.9	9.3	30.00
trans-1,2-Dichloroethylene	10.0	11.9	18.9	30.00
trans-1,3-Dichloropropylene	10.0	8.19	-18.1	30.00
trans-1,4-dichloro-2-butene	10.0	6.67	-33.3 *	30.00
Trichloroethylene	10.0	11.0	10.4	30.00
Trichlorofluoromethane	10.0	13.0	30.3 *	30.00
Vinyl Chloride	10.0	12.6	25.8	30.00

* Values outside of QC limits

Data File : V10C18748.D
 Data Path : C:\msdchem\1\data\V10-02-09-2026\
 Acq On : 9 Feb 2026 5:48 pm
 Operator : PMB
 Sample : SEQ-SCV1
 Misc :
 ALS Vial : 14
 InstName : VOA No. 10
 DataAcq Meth:VOA10ACQ.M

Multiplr: 1.00

Quant Time: Feb 11 17:33:58 2026
 QMeth File : V10-8260D-R020926.M
 Quant Method : C:\msdchem\1\methods\V10-8260D-R020926.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Wed Feb 11 17:28:59 2026
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)

Internal Standards						
1) FLUOROBENZENE (ISTD)	5.618	50	96347	10.00	ppb	0.00
48) CHLOROBENZENE-d5 (ISTD)	8.513	119	186897	10.00	ppb	0.00
80) 1,2-DICHLOROBENZENE-d4...	11.464	152	184092	10.00	ppb	0.00
System Monitoring Compounds						
42) d4-1,2-Dichloroethane ...	5.380	65	176274	10.46	ppb	0.00
Spiked Amount 10.000	Range	69 - 130	Recovery	=	104.60%	
60) Toluene-d8 (SURR)	7.026	98	863719	10.43	ppb	0.00
Spiked Amount 10.000	Range	81 - 117	Recovery	=	104.30%	
82) p-Bromofluorobenzene (...)	9.769	95	250167	10.36	ppb	0.00
Spiked Amount 10.000	Range	79 - 122	Recovery	=	103.60%	
Target Compounds						Qvalue
2) Freon 115	1.451	85	18312	13.98	ppb	99
3) Freon 152a	1.593	65	81555	12.98	ppb	17
4) Dichlorodifluoromethane	1.587	85	163665	12.63	ppb	98
5) Freon 22	1.622	67	57750	23.55	ppb	57
6) Chlorodifluoromethane ...	1.622	67	57750	23.55	ppb	57
7) Chloromethane	1.771	50	212017	11.14	ppb	100
8) Vinyl Chloride	1.856	62	220791	12.58	ppb	99
9) Bromomethane	2.173	94	75398	8.90	ppb	99
10) Chloroethane	2.295	64	138314	14.77	ppb	99
11) Trichlorofluoromethane	2.417	101	256416	13.03	ppb	99
12) Ethyl Ether	2.661	59	223286	20.68	ppb	98
14) Freon 123	2.929	83	282832	11.91	ppb	99
15) 1,1-Dichloroethylene	2.887	61	294048	11.85	ppb	99
16) Freon 113	2.911	101	179759	12.49	ppb	99
17) Acrolein	3.197	56	53091	36.51	ppb	97
18) Acetone	3.460	58	12344	14.37	ppb	93
19) Iodomethane	3.033	142	72918	9.73	ppb	100
20) Carbon disulfide	2.923	76	549444	11.02	ppb	100
21) Allyl Chloride	3.313	41	221549	6.96	ppb	99
22) Methyl Acetate	3.612	74	10241	9.62	ppb	92
23) tert-Butyl Alcohol (TBA)	3.685	59	8922	31.12	ppb	69
24) Methylene Chloride	3.423	49	227793	10.28	ppb	100
25) Acrylonitrile	4.136	53	21142	9.67	ppb	99
26) trans-1,2-Dichloroethy...	3.545	61	323490	11.89	ppb	99
27) tert-Butyl Methyl Ethe...	3.612	73	243033	10.21	ppb	85
28) n-hexane	3.594	57	389150	10.06	ppb	99
29) 1,1-Dichloroethane	4.081	63	310814	11.43	ppb	100
30) Vinyl Acetate	4.270	86	18425	10.82	ppb	98
31) Diisopropyl ether (DIPE)	3.941	45	484682	10.32	ppb	100
32) Ethyl-tert-Butyl ether...	4.252	59	311817	9.35	ppb	96
33) cis-1,2-Dichloroethylene	4.539	61	245044	10.92	ppb	99
34) 2-Butanone	5.032	72	17541	11.16	ppb	86
35) 2,2-Dichloropropane	4.624	77	132758	9.22	ppb	100
36) Tetrahydrofuran	4.904	71	7249	10.05	ppb	71
37) Bromochloromethane	4.715	49	107613	10.94	ppb	98
38) Chloroform	4.770	83	309251	11.83	ppb	96
39) 1,1,1-Trichloroethane	4.947	97	255791	12.29	ppb	100
40) Cyclohexane	4.703	56	332003	12.64	ppb	99
41) 1,1-Dichloropropylene	5.045	75	259313	12.15	ppb	86
43) Carbon Tetrachloride	4.886	117	201254	13.30	ppb	99
44) tert-Amyl alcohol (TAA)	5.520	59	24903	80.99	ppb	87

Data File : V10C18748.D
 Data Path : C:\msdchem\1\data\V10-02-09-2026\
 Acq On : 9 Feb 2026 5:48 pm
 Operator : PMB
 Sample : SEQ-SCV1
 Misc :
 ALS Vial : 14
 InstName : VOA No. 10
 DataAcq Meth:VOA10ACQ.M
 Multiplr: 1.00

Quant Time: Feb 11 17:33:58 2026
 QMeth File : V10-8260D-R020926.M
 Quant Method : C:\msdchem\1\methods\V10-8260D-R020926.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Wed Feb 11 17:28:59 2026
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
45) 1,2-Dichloroethane	5.441	62	164662	10.72	ppb	100
46) Benzene	5.264	78	764181	11.30	ppb	98
47) tert-Amyl methyl ether...	5.343	73	236655	9.45	ppb	97
49) Trichloroethylene	5.764	95	190432	11.04	ppb	97
50) Methyl Cyclohexane	5.758	83	322396	12.55	ppb	99
51) Methyl Methacrylate	6.410	69	52026	9.99	ppb	98
52) Dibromomethane	6.148	93	57831	10.75	ppb	98
53) Bromodichloromethane	6.282	83	180944	11.05	ppb	99
54) 1,2-Dichloropropane	6.227	63	166875	10.63	ppb	99
55) 1,4-Dioxane	6.459	88	15252	240.23	ppb	94
56) 2-Nitropropane	6.886	43	169094	50.95	ppb	97
58) cis-1,3-Dichloropropene	6.849	75	211713	10.85	ppb	98
59) 4-Methyl-2-Pentanone	7.422	43	57158	9.72	ppb	100
61) Toluene	7.069	91	802481	10.93	ppb	100
62) n-Octane	6.886	85	87008	11.02	ppb	99
63) Ethyl Methacrylate	7.599	69	105693	9.95	ppb	99
64) trans-1,3-Dichloropropene	7.459	75	147961	8.19	ppb	99
65) 1,1,2-Trichloroethane	7.611	97	86490	10.27	ppb	99
66) 1,3-Dichloropropane	7.879	76	163937	10.54	ppb	99
67) Tetrachloroethylene	7.434	166	184185	9.38	ppb	99
68) 2-Hexanone	8.227	43	39600	10.04	ppb	95
69) n-Butyl Actetate	8.129	43	95427	9.47	ppb	99
70) Dibromochloromethane	7.788	129	89634	10.56	ppb	99
71) 1,2-Dibromoethane	8.020	107	72803	10.54	ppb	99
72) Chlorobenzene	8.532	112	444246	10.38	ppb	99
73) 1,1,1,2-tetrachloroethane	8.593	131	127467	10.93	ppb	99
74) n-Nonane	8.446	57	80676	10.39	ppb	99
75) Ethyl Benzene	8.556	91	853609	10.82	ppb	99
76) p- & m-Xylenes	8.702	91	1269802	21.36	ppb	100
77) o-Xylene	9.141	91	593840	10.58	ppb	100
78) Styrene	9.196	104	423788	10.52	ppb	100
79) Bromoform	9.227	173	36999	9.72	ppb	98
81) Isopropylbenzene	9.464	105	749808	11.47	ppb	100
83) 1,1,2,2-Tetrachloroethane	9.989	83	67185	10.09	ppb	98
84) Bromobenzene	9.879	77	262993	10.80	ppb	99
85) trans-1,4-Dichloro-2-b...	10.178	53	12270	6.67	ppb	95
86) 1,2,3-Trichloropropane	10.135	110	20496	9.98	ppb	98
87) n-Propylbenzene	9.910	91	829765	11.16	ppb	100
88) n-Decane	9.879	57	62405	11.35	ppb	99
89) p-Ethyltoluene	10.025	105	663552	11.11	ppb	100
90) 1,3,5-Trimethylbenzene	10.117	105	517447	10.98	ppb	99
91) 2-Chlorotoluene	10.074	91	493741	10.71	ppb	100
92) 4-Chlorotoluene	10.257	91	450095	10.84	ppb	100
93) tert-Butylbenzene	10.464	119	441445	10.18	ppb	94
94) 1,2,4-Trimethylbenzene	10.544	105	479738	10.77	ppb	99
95) sec-Butylbenzene	10.659	105	614206	11.42	ppb	99
96) Limonene	10.629	68	109997	10.53	ppb	99
97) 1,3-Dichlorobenzene	10.903	146	223333	10.53	ppb	99
98) p-Isopropyltoluene	10.824	119	494677	11.68	ppb	100
99) 1,4-Dichlorobenzene	11.001	146	221542	10.53	ppb	99
100) 1,2,3-Trimethylbenzene	11.025	105	448831	10.91	ppb	99
101) p-Diethylbenzene	11.232	105	206715	11.38	ppb	99
102) trans-Decahydronapthalene	11.068	138	60577	10.98	ppb	98
103) 1,2-Dichlorobenzene	11.476	146	178115	10.42	ppb	98
104) n-Butylbenzene	11.293	91	367779	9.23	ppb	90

Data File : V10C18748.D
 Data Path : C:\msdchem\1\data\V10-02-09-2026\
 Acq On : 9 Feb 2026 5:48 pm
 Operator : PMB
 Sample : SEQ-SCV1
 Misc :
 ALS Vial : 14
 InstName : VOA No. 10
 DataAcq Meth:VOA10ACQ.M
 Multiplr: 1.00

Quant Time: Feb 11 17:33:58 2026
 QMeth File : V10-8260D-R020926.M
 Quant Method : C:\msdchem\1\methods\V10-8260D-R020926.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Wed Feb 11 17:28:59 2026
 Response via : Initial Calibration

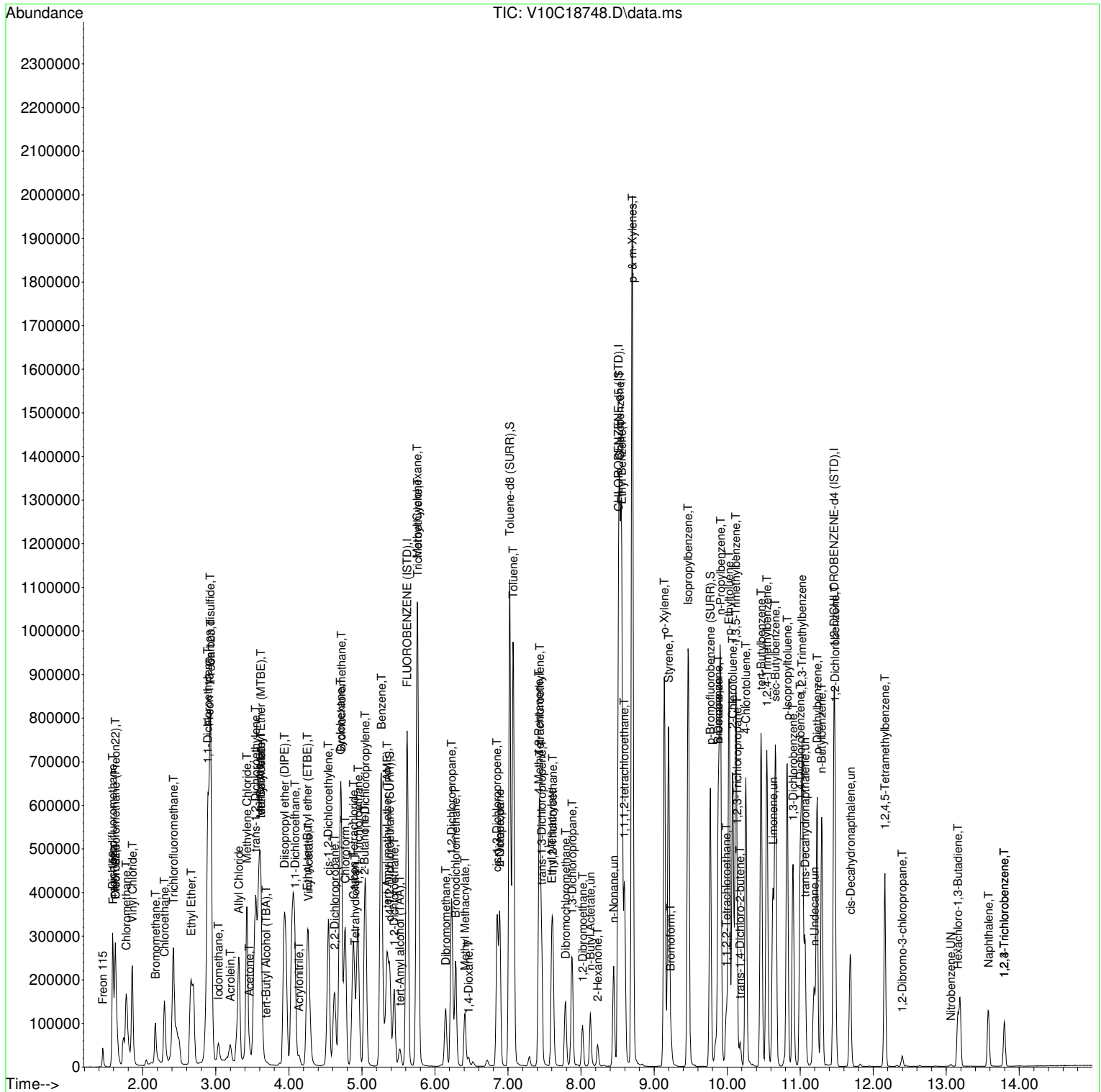
Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
106) n-Undecane	11.196	71	21836	11.02	ppb	100
107) cis-Decahydronapthalene	11.690	138	44495	11.90	ppb #	96
108) 1,2-Dibromo-3-chloropr...	12.397	75	7206	8.70	ppb	97
109) 1,2,4,5-Tetramethylben...	12.159	119	268920	11.04	ppb	98
110) Nitrobenzene	13.061	77	2592	33.36	ppb	93
111) 1,2,4-Trichlorobenzene	13.793	180	36994	12.56	ppb	99
112) Hexachloro-1,3-Butadiene	13.159	225	25301	11.16	ppb	97
113) Naphthalene	13.580	128	121231	12.86	ppb	99
114) 1,2,3-Trichlorobenzene	13.793	180	36994	12.56	ppb	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : V10C18748.D
Data Path : C:\msdchem\1\data\V10-02-09-2026\
Acq On : 9 Feb 2026 5:48 pm
Operator : PMB
Sample : SEQ-SCV1
Misc :
ALS Vial : 14
InstName : VOA No. 10
DataAcq Meth:VOA10ACQ.M

Multiplr: 1.00

Quant Time: Feb 11 17:33:58 2026
QMeth File : V10-8260D-R020926.M
Quant Method : C:\msdchem\1\methods\V10-8260D-R020926.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Feb 11 17:28:59 2026
Response via : Initial Calibration



FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory: ALS Environmental - StratfordSDG: 26B1152Client: Hydro Tech EnvironmentalProject: 230051-170 Freeman Rd Brooklyn NYInstrument ID: MSVOA7Calibration: SB60017Lab File ID: V7-55504.DCalibration Date: 02/09/26 07:00Sequence: S6C0316Injection Date: 02/28/26Lab Sample ID: S6C0316-CCV1Injection Time: 09:12

COMPOUND	TYPE	CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		Q
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1,1,2-Tetrachloroethane	A	10.0	9.11	1.427472	1.299969		-8.9	20	
1,1,1-Trichloroethane	A	10.0	8.42	4.316811	3.633663	0.1	-15.8	20	
1,1,2,2-Tetrachloroethane	A	10.0	10.4	0.4483313	0.4654925	0.3	3.8	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	10.0	9.67	2.618327	2.531861	0.1	-3.3	20	
1,1,2-Trichloroethane	A	10.0	9.20	0.933844	0.8593184	0.1	-8.0	20	
1,1-Dichloroethane	A	10.0	8.46	5.673247	4.800344	0.2	-15.4	20	
1,1-Dichloroethylene	A	10.0	9.96	4.437488	4.421022	0.1	-0.4	20	
1,2,3-Trichlorobenzene	A	10.0	9.95	0.7424463	0.7388324		-0.5	20	
1,2,3-Trichloropropane	A	10.0	9.92	0.1253731	0.1244283		-0.8	20	
1,2,4-Trichlorobenzene	A	10.0	9.95	0.9302117	0.9257234	0.2	-0.5	20	
1,2,4-Trimethylbenzene	A	10.0	10.7	2.987245	3.194673		6.9	20	
1,2-Dibromo-3-chloropropane	A	10.0	10.7	0.0600971	6.451101E-02	0.05	7.3	20	
1,2-Dibromoethane	A	10.0	9.26	0.8279017	0.7665547	0.1	-7.4	20	
1,2-Dichlorobenzene	A	10.0	10.2	1.448928	1.473698	0.4	1.7	20	
1,2-Dichloroethane	A	10.0	8.81	2.772888	2.443015	0.1	-11.9	20	
1,2-Dichloropropane	A	10.0	9.45	1.565548	1.478891	0.1	-5.5	20	
1,3,5-Trimethylbenzene	A	10.0	10.5	2.963686	3.112272		5.0	20	
1,3-Dichlorobenzene	A	10.0	10.1	1.687384	1.701798	0.6	0.9	20	
1,4-Dichlorobenzene	A	10.0	10.1	1.633047	1.651911	0.5	1.2	20	
2-Butanone	A	10.0	44.1	0.2650899	0.2453625	0.1	-7.4	20	
2-Hexanone	A	10.0	43.5	0.3173164	0.3143902	0.1	-0.9	20	
4-Methyl-2-pentanone	A	10.0	42.8	0.4892631	0.4710499	0.1	-3.7	20	
Acetone	A	10.0	52.1	0.1484683	0.1288101	0.1	421	20	*
Acrolein	A	25.0	31.3	0.2749293	0.2931588		25.3	20	*
Acrylonitrile	A	50.0	42.2	0.381299	0.3218117		-15.6	20	
Benzene	A	10.0	8.54	12.8981	11.01649	0.5	-14.6	20	
Bromochloromethane	A	10.0	8.96	1.913457	1.715089		-10.4	20	
Bromodichloromethane	A	10.0	9.14	1.891906	1.729064	0.2	-8.6	20	
Bromoform	A	10.0	8.77	0.5801447	0.5087386	0.1	-12.3	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory: ALS Environmental - StratfordSDG: 26B1152Client: Hydro Tech EnvironmentalProject: 230051-170 Freeman Rd Brooklyn NYInstrument ID: MSVOA7Calibration: SB60017Lab File ID: V7-55504.DCalibration Date: 02/09/26 07:00Sequence: S6C0316Injection Date: 02/28/26Lab Sample ID: S6C0316-CCV1Injection Time: 09:12

COMPOUND	TYPE	CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		Q
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Bromomethane	A	10.0	7.48	2.474239	1.851067	0.1	-25.2	20 *	
Carbon disulfide	A	10.0	8.63	10.90224	9.405514	0.1	-13.7	20	
Carbon tetrachloride	A	10.0	8.17	3.509203	2.866055	0.1	-18.3	20	
Chlorobenzene	A	10.0	9.18	4.720799	4.331694	0.5	-8.2	20	
Chloroethane	A	10.0	8.90	1.879182	1.672484	0.1	-11.0	20	
Chloroform	A	10.0	8.29	5.344279	4.430238	0.2	-17.1	20	
Chloromethane	A	10.0	7.10	4.020097	2.855549	0.1	-29.0	20 *	
cis-1,2-Dichloroethylene	A	10.0	8.31	4.068675	3.380658	0.1	-16.9	20	
cis-1,3-Dichloropropylene	A	10.0	9.69	2.090207	2.026076	0.2	-3.1	20	
Cyclohexane	A	10.0	9.05	4.184141	3.78776	0.1	-9.5	20	
Dibromochloromethane	A	10.0	8.80	1.115154	0.9809086	0.1	-12.0	20	
Dibromomethane	A	10.0	9.48	0.6230968	0.5906717		-5.2	20	
Dichlorodifluoromethane	A	10.0	4.71	2.633098	1.450746	0.1	-52.9	20 *	
Ethyl Benzene	A	10.0	9.55	8.053459	7.69	0.1	-4.5	20	
Hexachlorobutadiene	A	10.0	10.8	0.4494117	0.4840504		7.7	20	
Isopropylbenzene	A	10.0	10.4	3.402959	3.538633	0.1	4.0	20	
Methyl acetate	A	10.0	9.70	0.2019959	0.1959012	0.1	-3.0	20	
Methyl tert-butyl ether (MTBE)	A	10.0	8.89	5.599526	4.978794	0.1	-11.1	20	
Methylcyclohexane	A	10.0	9.43	2.24295	2.337847	0.1	-5.7	20	
Methylene chloride	A	10.0	7.43	5.363729	3.983899	0.1	-25.7	20 *	
n-Butylbenzene	A	10.0	11.7	3.512213	4.118519		17.3	20	
n-Propylbenzene	A	10.0	10.7	4.308637	4.609269		7.0	20	
o-Xylene	A	10.0	9.71	5.828257	5.657755	0.3	-2.9	20	
p- & m- Xylenes	A	20.0	19.0	5.911886	5.875325	0.1	-0.6	20	
p-Isopropyltoluene	A	10.0	11.0	3.075724	3.373419		9.7	20	
sec-Butylbenzene	A	10.0	11.3	3.672421	4.139671		12.7	20	
Styrene	A	10.0	9.85	4.508292	4.44177	0.3	-1.5	20	
tert-Butyl alcohol (TBA)	A	50.0	39.4	0.2059107	0.1589529		-22.8	20 *	
tert-Butylbenzene	A	10.0	10.3	2.774849	2.86173		3.1	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory: ALS Environmental - StratfordSDG: 26B1152Client: Hydro Tech EnvironmentalProject: 230051-170 Freeman Rd Brooklyn NYInstrument ID: MSVOA7Calibration: SB60017Lab File ID: V7-55504.DCalibration Date: 02/09/26 07:00Sequence: S6C0316Injection Date: 02/28/26Lab Sample ID: S6C0316-CCV1Injection Time: 09:12

COMPOUND	TYPE	CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		Q
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Tetrachloroethylene	A	10.0	9.18	1.895468	1.739342	0.2	-8.2	20	
Toluene	A	10.0	9.25	7.437801	6.876779	0.4	-7.5	20	
trans-1,2-Dichloroethylene	A	10.0	9.43	4.791448	4.519084	0.1	-5.7	20	
trans-1,3-Dichloropropylene	A	10.0	9.69	2.090207	2.026076	0.1	-3.1	20	
trans-1,4-dichloro-2-butene	A	10.0	10.5	0.1082881	0.1136772		5.0	20	
Trichloroethylene	A	10.0	9.10	1.786321	1.625239	0.2	-9.0	20	
Trichlorofluoromethane	A	10.0	9.13	4.019776	3.670466	0.1	-8.7	20	
Vinyl Chloride	A	10.0	7.69	3.89569	2.996913	0.1	-23.1	20	*
Xylenes, Total	A	30.0	28.7	5.917003	5.802802		-1.9	20	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory: ALS Environmental - StratfordSDG: 26B1152Client: Hydro Tech EnvironmentalProject: 230051-170 Freeman Rd Brooklyn NYInstrument ID: VOA No. 10Calibration: SB60019Lab File ID: V10C19065.DCalibration Date: 02/09/26 00:33Sequence: S6C0601Injection Date: 03/05/26Lab Sample ID: S6C0601-CCV1Injection Time: 07:44

COMPOUND	TYPE	CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		Q
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,1,1,2-Tetrachloroethane	A	10.0	10.5	0.6241812	0.65595		5.1	20	
1,1,1-Trichloroethane	A	10.0	11.5	2.159742	2.486519	0.1	15.1	20	
1,1,2,2-Tetrachloroethane	A	10.0	11.2	0.3618548	0.4049658	0.3	11.9	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	10.0	13.0	1.493357	1.948433	0.1	30.5	20 *	
1,1,2-Trichloroethane	A	10.0	10.8	0.4507568	0.4864069	0.1	7.9	20	
1,1-Dichloroethane	A	10.0	11.8	2.821678	3.321758	0.2	17.7	20	
1,1-Dichloroethylene	A	10.0	11.6	2.575225	2.999626	0.1	16.5	20	
1,2,3-Trichlorobenzene	A	10.0	9.69	0.1600438	0.1551147		-3.1	20	
1,2,3-Trichloropropane	A	10.0	10.0	0.1115565	0.1118436		0.3	20	
1,2,4-Trichlorobenzene	A	10.0	9.69	0.1600438	0.1551147	0.2 *	-3.1	20	
1,2,4-Trimethylbenzene	A	10.0	11.1	2.420089	2.694768		11.3	20	
1,2-Dibromo-3-chloropropane	A	10.0	9.44	3.677817E-02	4.243594E-02	0.05	-5.6	20	
1,2-Dibromoethane	A	10.0	11.1	0.3697524	0.4087992	0.1	10.6	20	
1,2-Dichlorobenzene	A	10.0	9.89	0.9281686	0.9183935	0.4	-1.1	20	
1,2-Dichloroethane	A	10.0	10.0	1.594911	1.597591	0.1	0.2	20	
1,2-Dichloropropane	A	10.0	12.3	0.8402978	1.034632	0.1	23.1	20 *	
1,3,5-Trimethylbenzene	A	10.0	11.0	2.559851	2.805783		9.6	20	
1,3-Dichlorobenzene	A	10.0	9.96	1.151796	1.147098	0.6	-0.4	20	
1,4-Dichlorobenzene	A	10.0	9.94	1.142387	1.135304	0.5	-0.6	20	
2-Butanone	A	10.0	11.7	0.1631788	0.1904257	0.1	16.7	20	
2-Hexanone	A	10.0	11.6	0.2111022	0.2447903	0.1	16.0	20	
4-Methyl-2-pentanone	A	10.0	11.1	0.3146016	0.3488853	0.1	10.9	20	
Acetone	A	10.0	14.6	0.1537797	0.131282	0.1	46.5	20 *	
Acrolein	A	25.0	34.9	0.2444762	0.2111497		39.8	20 *	
Acrylonitrile	A	50.0	55.8	0.2269543	0.2534365		11.7	20	
Benzene	A	10.0	11.1	7.01845	7.809662	0.5	11.3	20	
Bromochloromethane	A	10.0	11.8	1.020741	1.199388		17.5	20	
Bromodichloromethane	A	10.0	11.2	0.8759557	0.9843601	0.2	12.4	20	
Bromoform	A	10.0	8.88	0.2036773	0.1808113	0.1	-11.2	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory: ALS Environmental - StratfordSDG: 26B1152Client: Hydro Tech EnvironmentalProject: 230051-170 Freeman Rd Brooklyn NYInstrument ID: VOA No. 10Calibration: SB60019Lab File ID: V10C19065.DCalibration Date: 02/09/26 00:33Sequence: S6C0601Injection Date: 03/05/26Lab Sample ID: S6C0601-CCV1Injection Time: 07:44

COMPOUND	TYPE	CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		Q
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Bromomethane	A	10.0	3.99	0.576815	0.3511796	0.1	-60.1	20 *	
Carbon disulfide	A	10.0	10.4	5.174602	5.403196	0.1	4.4	20	
Carbon tetrachloride	A	10.0	11.9	1.57108	1.87446	0.1	19.3	20	
Chlorobenzene	A	10.0	10.6	2.289182	2.415275	0.5	5.5	20	
Chloroethane	A	10.0	11.3	0.9718251	1.102197	0.1	13.4	20	
Chloroform	A	10.0	10.3	2.713054	2.801885	0.2	3.3	20	
Chloromethane	A	10.0	7.21	1.975661	1.424704	0.1	-27.9	20 *	
cis-1,2-Dichloroethylene	A	10.0	10.7	2.328395	2.482524	0.1	6.6	20	
cis-1,3-Dichloropropylene	A	10.0	12.0	1.044018	1.256108	0.2	20.3	20 *	
Cyclohexane	A	10.0	15.3	2.725265	4.160042	0.1	52.6	20 *	
Dibromochloromethane	A	10.0	10.2	0.4541618	0.4645124	0.1	2.3	20	
Dibromomethane	A	10.0	11.2	0.2879384	0.3210358		11.5	20	
Dichlorodifluoromethane	A	10.0	5.45	1.236408	0.7446761	0.1	-45.5	20 *	
Ethyl Benzene	A	10.0	11.8	4.219577	4.959285	0.1	17.5	20	
Hexachlorobutadiene	A	10.0	8.38	0.1187777	0.1047447		-16.2	20	
Isopropylbenzene	A	10.0	11.5	3.551123	4.073631	0.1	14.7	20	
Methyl acetate	A	10.0	12.8	0.134068	0.1535389	0.1	28.5	20 *	
Methyl tert-butyl ether (MTBE)	A	10.0	13.1	2.90759	3.474872	0.1	31.3	20 *	
Methylcyclohexane	A	10.0	15.8	1.374501	2.165571	0.1	57.6	20 *	
Methylene chloride	A	10.0	11.2	2.93838	2.560929	0.1	11.6	20	
n-Butylbenzene	A	10.0	11.1	2.165304	2.407451		11.2	20	
n-Propylbenzene	A	10.0	11.7	4.0391	4.729023		17.1	20	
o-Xylene	A	10.0	11.4	3.00423	3.422464	0.3	13.9	20	
p- & m- Xylenes	A	20.0	23.0	3.180608	3.660443	0.1	15.1	20	
p-Isopropyltoluene	A	10.0	10.6	2.301554	2.442213		6.1	20	
sec-Butylbenzene	A	10.0	11.1	2.922402	3.25146		11.3	20	
Styrene	A	10.0	11.1	2.155337	2.3897	0.3	10.9	20	
tert-Butyl alcohol (TBA)	A	50.0	55.3	2.975413E-02	3.289976E-02		10.6	20	
tert-Butylbenzene	A	10.0	10.8	2.354514	2.543932		8.0	20	

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CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory: ALS Environmental - StratfordSDG: 26B1152Client: Hydro Tech EnvironmentalProject: 230051-170 Freeman Rd Brooklyn NYInstrument ID: VOA No. 10Calibration: SB60019Lab File ID: V10C19065.DCalibration Date: 02/09/26 00:33Sequence: S6C0601Injection Date: 03/05/26Lab Sample ID: S6C0601-CCV1Injection Time: 07:44

COMPOUND	TYPE	CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		Q
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Tetrachloroethylene	A	10.0	9.79	1.050971	1.028919	0.2	-2.1	20	
Toluene	A	10.0	11.6	3.926844	4.55975	0.4	16.1	20	
trans-1,2-Dichloroethylene	A	10.0	11.2	2.823878	3.165173	0.1	12.1	20	
trans-1,3-Dichloropropylene	A	10.0	9.35	0.7502192	0.8997918	0.1	-6.5	20	
trans-1,4-dichloro-2-butene	A	10.0	9.70	6.888728E-02	9.609184E-02		-3.0	20	
Trichloroethylene	A	10.0	11.7	0.923228	1.076709	0.2	16.6	20	
Trichlorofluoromethane	A	10.0	12.6	2.041884	2.574048	0.1	26.1	20	*
Vinyl Chloride	A	10.0	10.6	1.830618	1.927362	0.1	5.3	20	
Xylenes, Total	A	30.0	34.4	3.121816	3.581117		14.7	20	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Data Path : C:\msdchem\1\data\VOA7-02-28-26\
 Data File : V7-55504.D
 InstName : MSVOA7
 Acq On : 28 Feb 2026 9:12 am
 Operator : THD
 Sample : SEQ-CCV1
 Misc : CCV
 ALS Vial : 41 Sample Multiplier: 1

Quant Time: Feb 28 09:34:15 2026
 Quant Method : C:\msdchem\1\methods\Calibration\V7-8260D-R020926.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Wed Feb 11 19:02:20 2026
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) FLUOROBENZENE (ISTD)	5.339	50	67386	10.00	ppb	0.00
48) CHLOROBENZENE-d5 (ISTD)	8.216	54	121416	10.00	ppb	0.00
80) 1,2-DICHLOROBENZENE-d4...	11.149	152	245555	10.00	ppb	0.00
System Monitoring Compounds						
42) d4-1,2-Dichloroethane ...	5.108	65	106489	9.59	ppb	0.00
Spiked Amount 10.000	Range 69 - 130		Recovery =	95.90%		
60) Toluene-d8 (SURR)	6.738	98	647503	9.64	ppb	0.00
Spiked Amount 10.000	Range 81 - 117		Recovery =	96.40%		
82) p-Bromofluorobenzene (...)	9.464	95	240527	10.14	ppb	0.00
Spiked Amount 10.000	Range 79 - 122		Recovery =	101.40%		
Target Compounds						
					Qvalue	
2) Freon 115	1.316	85	2074	1.20	ppb	# 87
3) Freon 152a	1.451	65	62225	6.16	ppb	86
4) Dichlorodifluoromethane	1.439	85	97760	4.71	ppb	100
5) Freon 22	1.480	51	268143	6.67	ppb	99
6) Chlorodifluoromethane ...	1.480	51	268143	6.67	ppb	99
7) Chloromethane	1.616	50	192424	7.10	ppb	100
8) Vinyl Chloride	1.683	62	201950	7.69	ppb	100
9) Bromomethane	1.969	94	124736	7.48	ppb	99
10) Chloroethane	2.084	64	112702	8.90	ppb	100
11) Trichlorofluoromethane	2.212	101	247338	9.13	ppb	99
12) Ethyl Ether	2.486	59	119021	9.29	ppb	96
13) Ethanol	2.619	45	13929	653.61	ppb	# 89
14) Freon 123	2.711	83	261769	8.71	ppb	99
15) 1,1-Dichloroethylene	2.656	61	297915	9.96	ppb	96
16) Freon 113	2.693	101	170612	9.67	ppb	97
17) Acrolein	2.954	56	49387	31.32	ppb	99
18) Acetone	3.210	58	8680	52.10	ppb	99
19) Iodomethane	2.784	142	182408	5.55	ppb	96
20) Carbon disulfide	2.680	76	633800	8.63	ppb	100
21) Allyl Chloride	3.070	41	344794	9.83	ppb	96
22) Methyl Acetate	3.319	74	13201	9.70	ppb	79
23) tert-Butyl Alcohol (TBA)	3.715	59	53556	39.44	ppb	84
24) Methylene Chloride	3.161	49	268459	7.43	ppb	95
25) Acrylonitrile	3.873	53	108428	42.20	ppb	98
26) trans-1,2-Dichloroethy...	3.301	61	304523	9.43	ppb	96
27) tert-Butyl Methyl Ethe...	3.398	73	335501	8.89	ppb	98
28) n-hexane	3.362	57	350202	10.28	ppb	96
29) 1,1-Dichloroethane	3.824	63	323476	8.46	ppb	100
30) Vinyl Acetate	4.037	86	15934	8.52	ppb	92
31) Diisopropyl ether (DIPE)	3.715	45	449432	7.86	ppb	99
32) Ethyl-tert-Butyl ether...	4.025	59	380566	8.42	ppb	98
33) cis-1,2-Dichloroethylene	4.274	61	227809	8.31	ppb	97
34) 2-Butanone	4.773	72	16534	44.11	ppb	86
35) 2,2-Dichloropropane	4.365	77	232856	9.19	ppb	99
36) Tetrahydrofuran	4.645	71	34524	39.39	ppb	98
37) Bromochloromethane	4.439	49	115573	8.96	ppb	92
38) Chloroform	4.505	83	298536	8.29	ppb	97
39) 1,1,1-Trichloroethane	4.676	97	244858	8.42	ppb	97
40) Cyclohexane	4.439	56	255242	9.05	ppb	98
41) 1,1-Dichloropropylene	4.779	75	237312	8.71	ppb	98
43) Carbon Tetrachloride	4.615	117	193132	8.17	ppb	98
44) tert-Amyl alcohol (TAA)	5.260	59	15097	49.86	ppb	93
45) 1,2-Dichloroethane	5.162	62	164625	8.81	ppb	99

Data Path : C:\msdchem\1\data\VOA7-02-28-26\
 Data File : V7-55504.D
 InstName : MSVOA7
 Acq On : 28 Feb 2026 9:12 am
 Operator : THD
 Sample : SEQ-CCV1
 Misc : CCV
 ALS Vial : 41 Sample Multiplier: 1

Quant Time: Feb 28 09:34:15 2026

Quant Method : C:\msdchem\1\methods\Calibration\V7-8260D-R020926.M

Quant Title : Volatile Organics EPA 8260D & 624.1

QLast Update : Wed Feb 11 19:02:20 2026

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
46) Benzene	4.986	78	742357	8.54	ppb	99
47) tert-Amyl methyl ether...	5.083	73	309675	8.53	ppb	100
49) Trichloroethylene	5.485	95	197330	9.10	ppb	97
50) Methyl Cyclohexane	5.479	83	283852	9.43	ppb	98
51) Methyl Methacrylate	6.136	69	48529	9.24	ppb	96
52) Dibromomethane	5.856	93	71717	9.48	ppb	96
53) Bromodichloromethane	6.002	83	209936	9.14	ppb	99
54) 1,2-Dichloropropane	5.947	63	179561	9.45	ppb	100
55) 1,4-Dioxane	6.191	88	6887	333.24	ppb	90
56) 2-Nitropropane	7.006	43	103246	47.28	ppb	98
57) 2-Chloroethyl vinyl ether	6.513	63	50147	8.68	ppb	99
58) cis-1,3-Dichloropropene	6.568	75	245998	9.69	ppb	97
59) 4-Methyl-2-Pentanone	7.140	43	57193	42.75	ppb	96
61) Toluene	6.781	91	834951	9.25	ppb	99
62) n-Octane	6.610	85	125553	8.62	ppb	96
63) Ethyl Methacrylate	7.322	69	108844	9.82	ppb	98
64) trans-1,3-Dichloropropene	6.568	75	245998	9.69	ppb	99
65) 1,1,2-Trichloroethane	7.322	97	104335	9.20	ppb	97
66) 1,3-Dichloropropane	7.584	76	185550	9.54	ppb	98
67) Tetrachloroethylene	7.140	166	211184	9.18	ppb	99
68) 2-Hexanone	7.943	43	38172	43.52	ppb	97
69) n-Butyl Actetate	7.845	43	87756	9.06	ppb	98
70) Dibromochloromethane	7.492	129	119098	8.80	ppb	99
71) 1,2-Dibromoethane	7.718	107	93072	9.26	ppb	100
72) Chlorobenzene	8.235	112	525937	9.18	ppb	97
73) 1,1,1,2-tetrachloroethane	8.295	131	157837	9.11	ppb	99
74) n-Nonane	8.168	57	159208	9.60	ppb	99
75) Ethyl Benzene	8.259	91	933689	9.55	ppb	99
76) p- & m-Xylenes	8.405	91	1426717	18.98	ppb	99
77) o-Xylene	8.843	91	686942	9.71	ppb	99
78) Styrene	8.898	104	539302	9.85	ppb	97
79) Bromoform	8.922	173	61769	8.77	ppb	100
81) Isopropylbenzene	9.172	105	868929	10.40	ppb	99
83) 1,1,2,2-Tetrachloroethane	9.689	83	114304	10.38	ppb	99
84) Bromobenzene	9.573	77	365456	10.10	ppb	98
85) trans-1,4-Dichloro-2-b...	9.877	53	27914	10.50	ppb	97
86) 1,2,3-Trichloropropane	9.829	110	30554	9.92	ppb	98
87) n-Propylbenzene	9.610	91	1131829	10.70	ppb	99
88) n-Decane	9.591	57	180708	10.62	ppb	99
89) p-Ethyltoluene	9.731	105	908735	10.33	ppb	98
90) 1,3,5-Trimethylbenzene	9.822	105	764234	10.50	ppb	99
91) 2-Chlorotoluene	9.774	91	628440	10.32	ppb	99
92) 4-Chlorotoluene	9.950	91	657507	10.45	ppb	99
93) tert-Butylbenzene	10.169	119	702712	10.31	ppb	98
94) 1,2,4-Trimethylbenzene	10.242	105	784468	10.69	ppb	99
95) sec-Butylbenzene	10.364	105	1016517	11.27	ppb	99
96) Limonene	10.327	68	227462	9.86	ppb	98
97) 1,3-Dichlorobenzene	10.595	146	417885	10.09	ppb	99
98) p-Isopropyltoluene	10.522	119	828360	10.97	ppb	99
99) 1,4-Dichlorobenzene	10.692	146	405635	10.12	ppb	99
100) 1,2,3-Trimethylbenzene	10.723	105	763117	10.50	ppb	99
101) p-Diethylbenzene	10.930	105	426999	10.89	ppb	98
102) trans-Decahydronapthalene	10.759	138	151609	10.63	ppb	97
103) 1,2-Dichlorobenzene	11.161	146	361874	10.17	ppb	100
104) n-Butylbenzene	10.997	91	1011323	11.73	ppb	98
105) Hexachloroethane	11.130	119	136920	9.79	ppb	97
106) n-Undecane	10.911	71	85721	10.90	ppb	95

Data Path : C:\msdchem\1\data\VOA7-02-28-26\
 Data File : V7-55504.D
 InstName : MSVOA7
 Acq On : 28 Feb 2026 9:12 am
 Operator : THD
 Sample : SEQ-CCV1
 Misc : CCV
 ALS Vial : 41 Sample Multiplier: 1

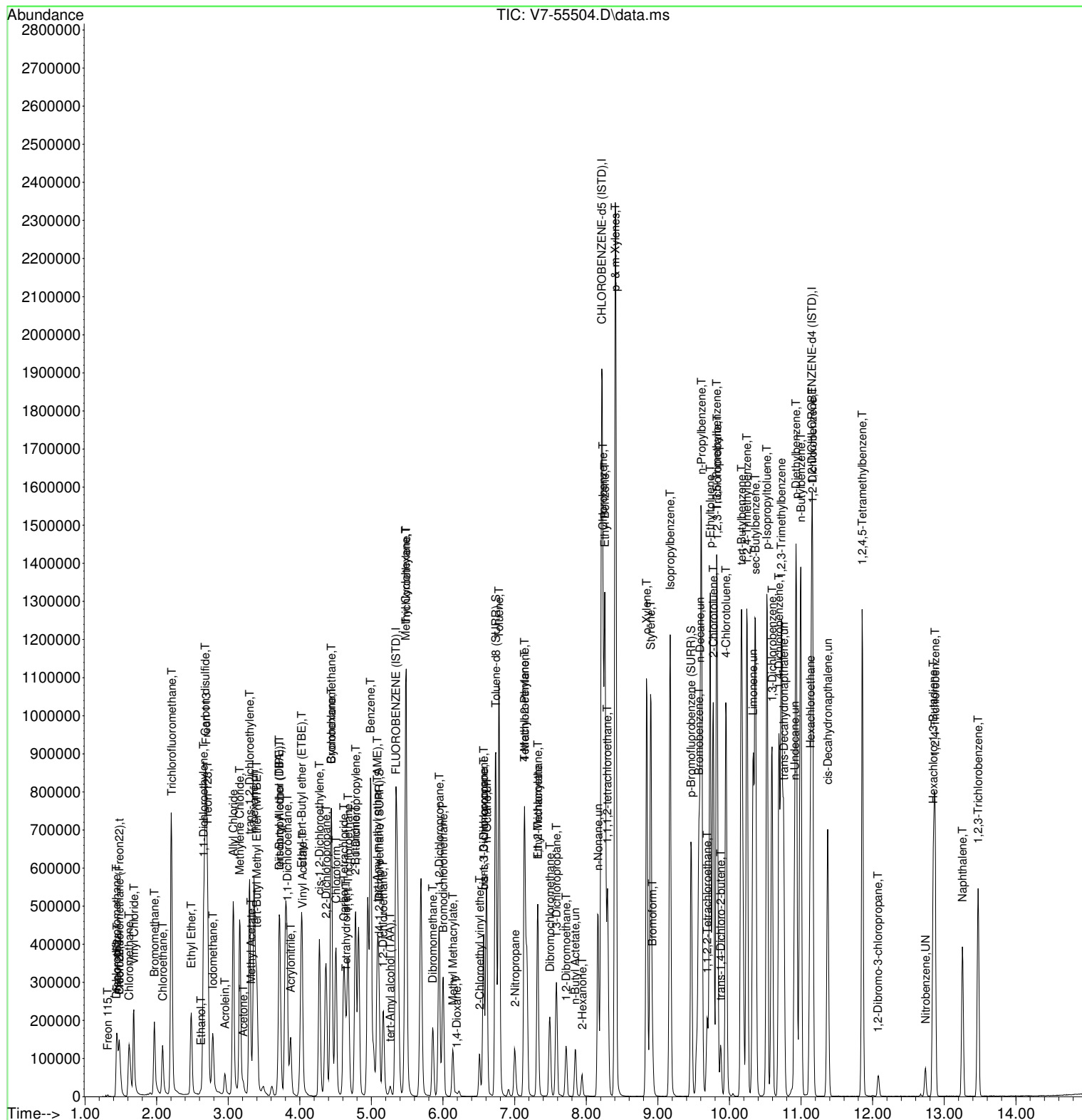
Quant Time: Feb 28 09:34:15 2026
 Quant Method : C:\msdchem\1\methods\Calibration\V7-8260D-R020926.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Wed Feb 11 19:02:20 2026
 Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
107)	cis-Decahydronapthalene	11.374	138	113369	10.48	ppb	# 97
108)	1,2-Dibromo-3-chloropr...	12.073	75	15841	10.73	ppb	89
109)	1,2,4,5-Tetramethylben...	11.854	119	726174	10.64	ppb	99
110)	Nitrobenzene	12.736	77	42760	85.27	ppb	97
111)	1,2,4-Trichlorobenzene	12.870	180	227316	9.95	ppb	98
112)	Hexachloro-1,3-Butadiene	12.846	225	118861	10.77	ppb	99
113)	Naphthalene	13.254	128	322087	9.89	ppb	100
114)	1,2,3-Trichlorobenzene	13.473	180	181424	9.95	ppb	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : C:\msdchem\1\methods\Calibration\V7-8260D-R020926.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Feb 11 19:02:20 2026
Response via : Initial Calibration



Data Path : C:\msdchem\1\data\VOA7-02-28-26\
 Data File : V7-55504.D
 InstName : MSVOA7
 Acq On : 28 Feb 2026 9:12 am
 Operator : THD
 Sample : SEQ-CCV1
 Misc : CCV
 ALS Vial : 41 Sample Multiplier: 1

Quant Time: Feb 28 09:34:15 2026

Quant Method : C:\msdchem\1\methods\Calibration\V7-8260D-R020926.M

Quant Title : Volatile Organics EPA 8260D & 624.1

QLast Update : Wed Feb 11 19:02:20 2026

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) FLUOROBENZENE (ISTD)	5.339	50	67386	10.00	ppb	0.00
48) CHLOROBENZENE-d5 (ISTD)	8.216	54	121416	10.00	ppb	0.00
80) 1,2-DICHLOROBENZENE-d4...	11.149	152	245555	10.00	ppb	0.00
System Monitoring Compounds						
42) d4-1,2-Dichloroethane ...	5.108	65	106489	9.59	ppb	0.00
Spiked Amount 10.000	Range	69 - 130	Recovery	=	95.90%	
60) Toluene-d8 (SURR)	6.738	98	647503	9.64	ppb	0.00
Spiked Amount 10.000	Range	81 - 117	Recovery	=	96.40%	
82) p-Bromofluorobenzene (...)	9.464	95	240527	10.14	ppb	0.00
Spiked Amount 10.000	Range	79 - 122	Recovery	=	101.40%	
Target Compounds						
					Qvalue	
2) Freon 115	1.316	85	2074	1.20	ppb	# 87
3) Freon 152a	1.451	65	62225	6.16	ppb	86
4) Dichlorodifluoromethane	1.439	85	97760	4.71	ppb	100
5) Freon 22	1.480	51	268143	6.67	ppb	99
6) Chlorodifluoromethane ...	1.480	51	268143	6.67	ppb	99
7) Chloromethane	1.616	50	192424	7.10	ppb	100
8) Vinyl Chloride	1.683	62	201950	7.69	ppb	100
9) Bromomethane	1.969	94	124736	7.48	ppb	99
10) Chloroethane	2.084	64	112702	8.90	ppb	100
11) Trichlorofluoromethane	2.212	101	247338	9.13	ppb	99
12) Ethyl Ether	2.486	59	119021	9.29	ppb	96
13) Ethanol	2.619	45	13929	653.61	ppb	# 89
14) Freon 123	2.711	83	261769	8.71	ppb	99
15) 1,1-Dichloroethylene	2.656	61	297915	9.96	ppb	96
16) Freon 113	2.693	101	170612	9.67	ppb	97
17) Acrolein	2.954	56	49387	31.32	ppb	99
18) Acetone	3.210	58	8680	52.10	ppb	99
19) Iodomethane	2.784	142	182408	5.55	ppb	96
20) Carbon disulfide	2.680	76	633800	8.63	ppb	100
21) Allyl Chloride	3.070	41	344794	9.83	ppb	96
22) Methyl Acetate	3.319	74	13201	9.70	ppb	79
23) tert-Butyl Alcohol (TBA)	3.715	59	53556	39.44	ppb	84
24) Methylene Chloride	3.161	49	268459	7.43	ppb	95
25) Acrylonitrile	3.873	53	108428	42.20	ppb	98
26) trans-1,2-Dichloroethy...	3.301	61	304523	9.43	ppb	96
27) tert-Butyl Methyl Ethe...	3.398	73	335501	8.89	ppb	98
28) n-hexane	3.362	57	350202	10.28	ppb	96
29) 1,1-Dichloroethane	3.824	63	323476	8.46	ppb	100
30) Vinyl Acetate	4.037	86	15934	8.52	ppb	92
31) Diisopropyl ether (DIPE)	3.715	45	449432	7.86	ppb	99
32) Ethyl-tert-Butyl ether...	4.025	59	380566	8.42	ppb	98
33) cis-1,2-Dichloroethylene	4.274	61	227809	8.31	ppb	97
34) 2-Butanone	4.773	72	16534	44.11	ppb	86
35) 2,2-Dichloropropane	4.365	77	232856	9.19	ppb	99
36) Tetrahydrofuran	4.645	71	34524	39.39	ppb	98
37) Bromochloromethane	4.439	49	115573	8.96	ppb	92
38) Chloroform	4.505	83	298536	8.29	ppb	97
39) 1,1,1-Trichloroethane	4.676	97	244858	8.42	ppb	97
40) Cyclohexane	4.439	56	255242	9.05	ppb	98
41) 1,1-Dichloropropylene	4.779	75	237312	8.71	ppb	98
43) Carbon Tetrachloride	4.615	117	193132	8.17	ppb	98
44) tert-Amyl alcohol (TAA)	5.260	59	15097	49.86	ppb	93
45) 1,2-Dichloroethane	5.162	62	164625	8.81	ppb	99

Data Path : C:\msdchem\1\data\VOA7-02-28-26\
 Data File : V7-55504.D
 InstName : MSVOA7
 Acq On : 28 Feb 2026 9:12 am
 Operator : THD
 Sample : SEQ-CCV1
 Misc : CCV
 ALS Vial : 41 Sample Multiplier: 1

Quant Time: Feb 28 09:34:15 2026

Quant Method : C:\msdchem\1\methods\Calibration\V7-8260D-R020926.M

Quant Title : Volatile Organics EPA 8260D & 624.1

QLast Update : Wed Feb 11 19:02:20 2026

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
46) Benzene	4.986	78	742357	8.54	ppb	99
47) tert-Amyl methyl ether...	5.083	73	309675	8.53	ppb	100
49) Trichloroethylene	5.485	95	197330	9.10	ppb	97
50) Methyl Cyclohexane	5.479	83	283852	9.43	ppb	98
51) Methyl Methacrylate	6.136	69	48529	9.24	ppb	96
52) Dibromomethane	5.856	93	71717	9.48	ppb	96
53) Bromodichloromethane	6.002	83	209936	9.14	ppb	99
54) 1,2-Dichloropropane	5.947	63	179561	9.45	ppb	100
55) 1,4-Dioxane	6.191	88	6887	333.24	ppb	90
56) 2-Nitropropane	7.006	43	103246	47.28	ppb	98
57) 2-Chloroethyl vinyl ether	6.513	63	50147	8.68	ppb	99
58) cis-1,3-Dichloropropene	6.568	75	245998	9.69	ppb	97
59) 4-Methyl-2-Pentanone	7.140	43	57193	42.75	ppb	96
61) Toluene	6.781	91	834951	9.25	ppb	99
62) n-Octane	6.610	85	125553	8.62	ppb	96
63) Ethyl Methacrylate	7.322	69	108844	9.82	ppb	98
64) trans-1,3-Dichloropropene	6.568	75	245998	9.69	ppb	99
65) 1,1,2-Trichloroethane	7.322	97	104335	9.20	ppb	97
66) 1,3-Dichloropropane	7.584	76	185550	9.54	ppb	98
67) Tetrachloroethylene	7.140	166	211184	9.18	ppb	99
68) 2-Hexanone	7.943	43	38172	43.52	ppb	97
69) n-Butyl Actetate	7.845	43	87756	9.06	ppb	98
70) Dibromochloromethane	7.492	129	119098	8.80	ppb	99
71) 1,2-Dibromoethane	7.718	107	93072	9.26	ppb	100
72) Chlorobenzene	8.235	112	525937	9.18	ppb	97
73) 1,1,1,2-tetrachloroethane	8.295	131	157837	9.11	ppb	99
74) n-Nonane	8.168	57	159208	9.60	ppb	99
75) Ethyl Benzene	8.259	91	933689	9.55	ppb	99
76) p- & m-Xylenes	8.405	91	1426717	18.98	ppb	99
77) o-Xylene	8.843	91	686942	9.71	ppb	99
78) Styrene	8.898	104	539302	9.85	ppb	97
79) Bromoform	8.922	173	61769	8.77	ppb	100
81) Isopropylbenzene	9.172	105	868929	10.40	ppb	99
83) 1,1,2,2-Tetrachloroethane	9.689	83	114304	10.38	ppb	99
84) Bromobenzene	9.573	77	365456	10.10	ppb	98
85) trans-1,4-Dichloro-2-b...	9.877	53	27914	10.50	ppb	97
86) 1,2,3-Trichloropropane	9.829	110	30554	9.92	ppb	98
87) n-Propylbenzene	9.610	91	1131829	10.70	ppb	99
88) n-Decane	9.591	57	180708	10.62	ppb	99
89) p-Ethyltoluene	9.731	105	908735	10.33	ppb	98
90) 1,3,5-Trimethylbenzene	9.822	105	764234	10.50	ppb	99
91) 2-Chlorotoluene	9.774	91	628440	10.32	ppb	99
92) 4-Chlorotoluene	9.950	91	657507	10.45	ppb	99
93) tert-Butylbenzene	10.169	119	702712	10.31	ppb	98
94) 1,2,4-Trimethylbenzene	10.242	105	784468	10.69	ppb	99
95) sec-Butylbenzene	10.364	105	1016517	11.27	ppb	99
96) Limonene	10.327	68	227462	9.86	ppb	98
97) 1,3-Dichlorobenzene	10.595	146	417885	10.09	ppb	99
98) p-Isopropyltoluene	10.522	119	828360	10.97	ppb	99
99) 1,4-Dichlorobenzene	10.692	146	405635	10.12	ppb	99
100) 1,2,3-Trimethylbenzene	10.723	105	763117	10.50	ppb	99
101) p-Diethylbenzene	10.930	105	426999	10.89	ppb	98
102) trans-Decahydronapthalene	10.759	138	151609	10.63	ppb	97
103) 1,2-Dichlorobenzene	11.161	146	361874	10.17	ppb	100
104) n-Butylbenzene	10.997	91	1011323	11.73	ppb	98
105) Hexachloroethane	11.130	119	136920	9.79	ppb	97
106) n-Undecane	10.911	71	85721	10.90	ppb	95

Data Path : C:\msdchem\1\data\VOA7-02-28-26\
 Data File : V7-55504.D
 InstName : MSVOA7
 Acq On : 28 Feb 2026 9:12 am
 Operator : THD
 Sample : SEQ-CCV1
 Misc : CCV
 ALS Vial : 41 Sample Multiplier: 1

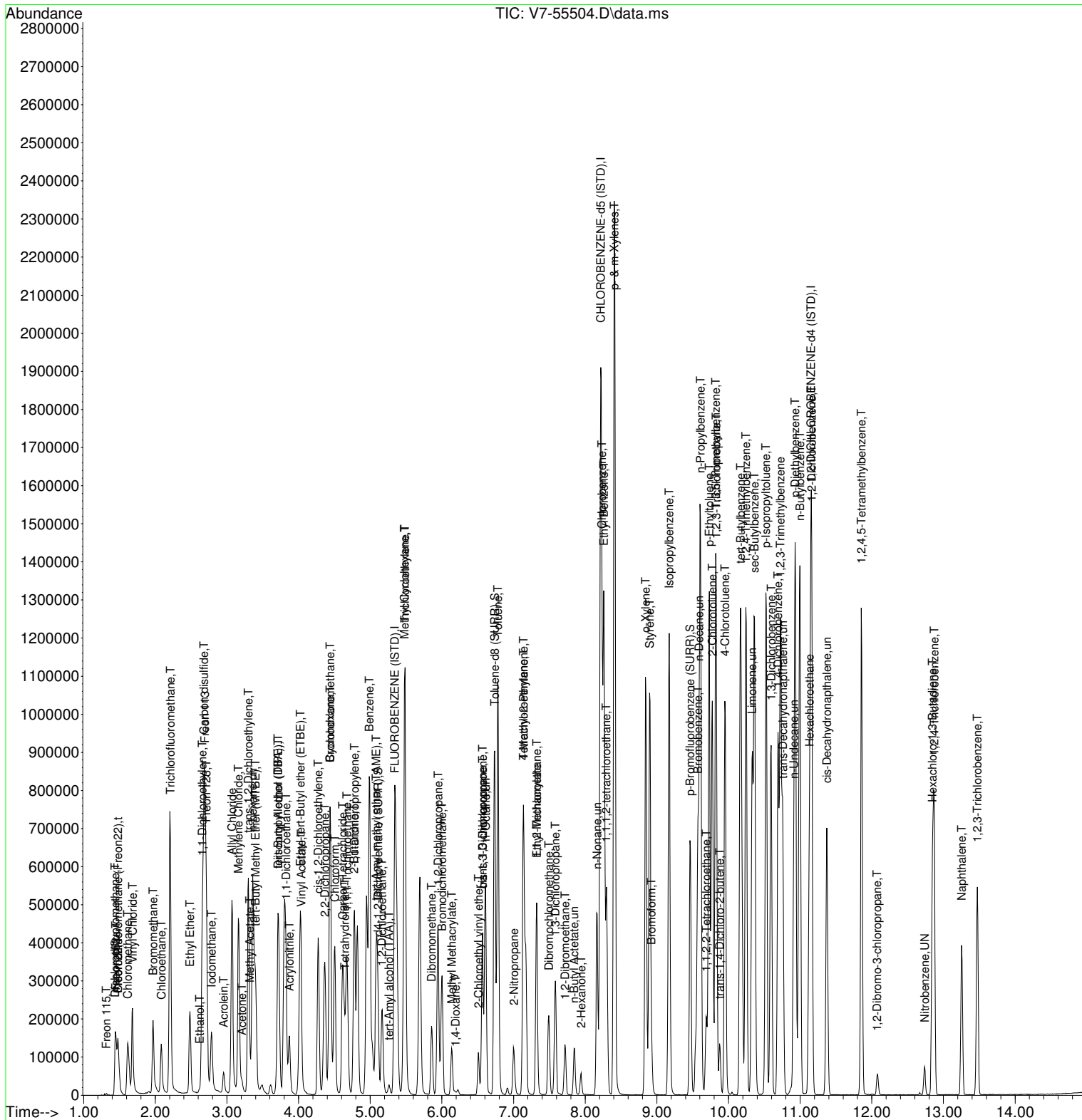
Quant Time: Feb 28 09:34:15 2026
 Quant Method : C:\msdchem\1\methods\Calibration\V7-8260D-R020926.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Wed Feb 11 19:02:20 2026
 Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
107)	cis-Decahydronapthalene	11.374	138	113369	10.48	ppb	# 97
108)	1,2-Dibromo-3-chloropr...	12.073	75	15841	10.73	ppb	89
109)	1,2,4,5-Tetramethylben...	11.854	119	726174	10.64	ppb	99
110)	Nitrobenzene	12.736	77	42760	85.27	ppb	97
111)	1,2,4-Trichlorobenzene	12.870	180	227316	9.95	ppb	98
112)	Hexachloro-1,3-Butadiene	12.846	225	118861	10.77	ppb	99
113)	Naphthalene	13.254	128	322087	9.89	ppb	100
114)	1,2,3-Trichlorobenzene	13.473	180	181424	9.95	ppb	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\VOA7-02-28-26\
Data File : V7-55504.D
InstName : MSVOA7
Acq On : 28 Feb 2026 9:12 am
Operator : THD
Sample : SEQ-CCV1
Misc : CCV
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Feb 28 09:34:15 2026
Quant Method : C:\msdchem\1\methods\Calibration\V7-8260D-R020926.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed Feb 11 19:02:20 2026
Response via : Initial Calibration



Data File : V10C19065.D
 Data Path : C:\msdchem\1\data\V10-03-05-2026\
 Acq On : 5 Mar 2026 7:44 am
 Operator : THD
 Sample : SEQ-CCV1
 Misc : TUN
 ALS Vial : 23
 InstName : VOA No. 10
 DataAcq Meth:VOA10ACQ.M

Multiplr: 1.00

Quant Time: Mar 05 08:39:26 2026
 QMeth File : V10-8260D-R020926.M
 Quant Method : C:\msdchem\1\methods\V10-8260D-R020926.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Wed Feb 11 17:28:59 2026
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
Internal Standards						
1) FLUOROBENZENE (ISTD)	5.624	50	80110	10.00	ppb	0.00
48) CHLOROBENZENE-d5 (ISTD)	8.514	119	140218	10.00	ppb	0.00
80) 1,2-DICHLOROBENZENE-d4...	11.464	152	146079	10.00	ppb	0.00
System Monitoring Compounds						
42) d4-1,2-Dichloroethane ...	5.392	65	124463	8.89	ppb	0.01
Spiked Amount 10.000	Range 69 - 130		Recovery =	88.90%		
60) Toluene-d8 (SURR)	7.026	98	636169	10.24	ppb	0.00
Spiked Amount 10.000	Range 81 - 117		Recovery =	102.40%		
82) p-Bromofluorobenzene (...)	9.769	95	206441	10.77	ppb	0.00
Spiked Amount 10.000	Range 79 - 122		Recovery =	107.70%		
Target Compounds						
					Qvalue	
3) Freon 152a	1.593	65	43669	8.36	ppb	72
4) Dichlorodifluoromethane	1.581	85	59656	5.45	ppb	99
5) Freon 22	1.628	67	19167	9.40	ppb	92
6) Chlorodifluoromethane ...	1.628	67	19167	9.40	ppb	92
7) Chloromethane	1.771	50	114133	7.21	ppb	99
8) Vinyl Chloride	1.844	62	154401	10.58	ppb	96
9) Bromomethane	2.161	94	28133	3.99	ppb	95
10) Chloroethane	2.289	64	88297	11.34	ppb	99
11) Trichlorofluoromethane	2.417	101	206207	12.61	ppb	100
12) Ethyl Ether	2.698	59	97474	10.86	ppb	96
13) Ethanol	2.844	45	27094	546.89	ppb	# 95
14) Freon 123	2.941	83	237277	12.02	ppb	99
15) 1,1-Dichloroethylene	2.893	61	240300	11.65	ppb	94
16) Freon 113	2.929	101	156089	13.05	ppb	97
17) Acrolein	3.198	56	42288	34.94	ppb	95
18) Acetone	3.447	58	10517	14.65	ppb	98
19) Iodomethane	3.027	142	78165	10.98	ppb	96
20) Carbon disulfide	2.923	76	432850	10.44	ppb	100
21) Allyl Chloride	3.319	41	288146	11.15	ppb	94
22) Methyl Acetate	3.630	74	12300	12.85	ppb	49
23) tert-Butyl Alcohol (TBA)	3.722	59	13178	55.29	ppb	# 1
24) Methylene Chloride	3.417	49	205156	11.16	ppb	91
25) Acrylonitrile	4.136	53	101514	55.83	ppb	98
26) trans-1,2-Dichloroethy...	3.551	61	253562	11.21	ppb	92
27) tert-Butyl Methyl Ethe...	3.636	73	278372	13.13	ppb	73
28) n-hexane	3.612	57	390320	12.58	ppb	93
29) 1,1-Dichloroethane	4.088	63	266106	11.77	ppb	99
30) Vinyl Acetate	4.289	86	13612	9.61	ppb	53
31) Diisopropyl ether (DIPE)	3.960	45	473702	12.13	ppb	95
32) Ethyl-tert-Butyl ether...	4.277	59	334319	12.06	ppb	87
33) cis-1,2-Dichloroethylene	4.545	61	198875	10.66	ppb	93
34) 2-Butanone	5.045	72	15255	11.67	ppb	97
35) 2,2-Dichloropropane	4.636	77	164896	13.77	ppb	88
36) Tetrahydrofuran	4.917	71	31207	52.06	ppb	90
37) Bromochloromethane	4.716	49	96083	11.75	ppb	86
38) Chloroform	4.776	83	224459	10.33	ppb	98
39) 1,1,1-Trichloroethane	4.953	97	199195	11.51	ppb	97
40) Cyclohexane	4.716	56	333261	15.26	ppb	95
41) 1,1-Dichloropropylene	5.057	75	220589	12.44	ppb	88
43) Carbon Tetrachloride	4.892	117	150163	11.93	ppb	99
44) tert-Amyl alcohol (TAA)	5.526	59	10811	42.29	ppb	# 62

Data File : V10C19065.D
 Data Path : C:\msdchem\1\data\V10-03-05-2026\
 Acq On : 5 Mar 2026 7:44 am
 Operator : THD
 Sample : SEQ-CCV1
 Misc : TUN Multiplr: 1.00
 ALS Vial : 23
 InstName : VOA No. 10
 DataAcq Meth:VOA10ACQ.M

Quant Time: Mar 05 08:39:26 2026
 QMeth File : V10-8260D-R020926.M
 Quant Method : C:\msdchem\1\methods\V10-8260D-R020926.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Wed Feb 11 17:28:59 2026
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,2-Dichloroethane	5.447	62	127983	10.02	ppb	100
46) Benzene	5.270	78	625632	11.13	ppb	99
47) tert-Amyl methyl ether...	5.356	73	234693	11.27	ppb	90
49) Trichloroethylene	5.770	95	150974	11.66	ppb	94
50) Methyl Cyclohexane	5.764	83	303652	15.76	ppb	95
51) Methyl Methacrylate	6.410	69	44681	11.43	ppb	95
52) Dibromomethane	6.148	93	45015	11.15	ppb	91
53) Bromodichloromethane	6.288	83	138025	11.24	ppb	99
54) 1,2-Dichloropropane	6.234	63	145074	12.31	ppb	97
55) 1,4-Dioxane	6.465	88	13152	276.12	ppb	97
56) 2-Nitropropane	6.886	43	158763	63.76	ppb	97
58) cis-1,3-Dichloropropene	6.855	75	176129	12.03	ppb	97
59) 4-Methyl-2-Pentanone	7.422	43	48920	11.09	ppb	96
61) Toluene	7.075	91	639359	11.61	ppb	99
62) n-Octane	6.886	85	68846	11.62	ppb	92
63) Ethyl Methacrylate	7.599	69	91682	11.51	ppb	95
64) trans-1,3-Dichloropropene	7.459	75	126167	9.35	ppb	98
65) 1,1,2-Trichloroethane	7.617	97	68203	10.79	ppb	96
66) 1,3-Dichloropropane	7.880	76	136247	11.67	ppb	98
67) Tetrachloroethylene	7.435	166	144273	9.79	ppb	97
68) 2-Hexanone	8.227	43	34324	11.60	ppb	96
69) n-Butyl Actetate	8.130	43	85670	11.34	ppb	98
70) Dibromochloromethane	7.788	129	65133	10.23	ppb	98
71) 1,2-Dibromoethane	8.020	107	57321	11.06	ppb	99
72) Chlorobenzene	8.532	112	338665	10.55	ppb	93
73) 1,1,1,2-tetrachloroethane	8.599	131	91976	10.51	ppb	98
74) n-Nonane	8.447	57	61676	10.59	ppb	97
75) Ethyl Benzene	8.556	91	695381	11.75	ppb	97
76) p- & m-Xylenes	8.703	91	1026520	23.02	ppb	98
77) o-Xylene	9.142	91	479891	11.39	ppb	97
78) Styrene	9.196	104	335079	11.09	ppb	97
79) Bromoform	9.227	173	25353	8.88	ppb	98
81) Isopropylbenzene	9.465	105	595072	11.47	ppb	98
83) 1,1,2,2-Tetrachloroethane	9.989	83	59157	11.19	ppb	99
84) Bromobenzene	9.879	77	219904	11.38	ppb	92
85) trans-1,4-Dichloro-2-b...	10.178	53	14037	9.70	ppb	# 84
86) 1,2,3-Trichloropropane	10.135	110	16338	10.03	ppb	99
87) n-Propylbenzene	9.904	91	690811	11.71	ppb	98
88) n-Decane	9.879	57	53833	12.34	ppb	95
89) p-Ethyltoluene	10.025	105	521779	11.01	ppb	98
90) 1,3,5-Trimethylbenzene	10.117	105	409866	10.96	ppb	97
91) 2-Chlorotoluene	10.074	91	404131	11.04	ppb	96
92) 4-Chlorotoluene	10.257	91	366205	11.11	ppb	96
93) tert-Butylbenzene	10.464	119	371615	10.80	ppb	98
94) 1,2,4-Trimethylbenzene	10.544	105	393649	11.13	ppb	97
95) sec-Butylbenzene	10.659	105	474970	11.13	ppb	98
96) Limonene	10.629	68	106270	12.82	ppb	95
97) 1,3-Dichlorobenzene	10.903	146	167567	9.96	ppb	97
98) p-Isopropyltoluene	10.818	119	356756	10.61	ppb	98
99) 1,4-Dichlorobenzene	11.001	146	165844	9.94	ppb	97
100) 1,2,3-Trimethylbenzene	11.025	105	372909	11.43	ppb	98
101) p-Diethylbenzene	11.226	105	156065	10.82	ppb	96
102) trans-Decahydronapthalene	11.068	138	37282	8.51	ppb	# 83
103) 1,2-Dichlorobenzene	11.470	146	134158	9.89	ppb	96
104) n-Butylbenzene	11.294	91	351678	11.12	ppb	97

Data File : V10C19065.D
 Data Path : C:\msdchem\1\data\V10-03-05-2026\
 Acq On : 5 Mar 2026 7:44 am
 Operator : THD
 Sample : SEQ-CCV1
 Misc : TUN
 ALS Vial : 23
 InstName : VOA No. 10
 DataAcq Meth:VOA10ACQ.M
 Multiplr: 1.00

Quant Time: Mar 05 08:39:26 2026
 QMeth File : V10-8260D-R020926.M
 Quant Method : C:\msdchem\1\methods\V10-8260D-R020926.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Wed Feb 11 17:28:59 2026
 Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
105)	Hexachloroethane	11.440	119	37066	7.96	ppb	91
106)	n-Undecane	11.196	71	19376	12.03	ppb	90
107)	cis-Decahydronapthalene	11.684	138	26576	8.96	ppb #	91
108)	1,2-Dibromo-3-chloropr...	12.397	75	6199	9.44	ppb	86
109)	1,2,4,5-Tetramethylben...	12.159	119	203967	10.55	ppb	97
110)	Nitrobenzene	13.061	77	7574	110.79	ppb	97
111)	1,2,4-Trichlorobenzene	13.793	180	22659	9.69	ppb	94
112)	Hexachloro-1,3-Butadiene	13.159	225	15301	8.38	ppb	96
113)	Naphthalene	13.574	128	289806	38.74	ppb	100
114)	1,2,3-Trichlorobenzene	13.793	180	22659	9.69	ppb	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Multiplr: 1.00

Quant Time: Mar 05 08:39:26 2026

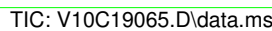
QMeth File : V10-8260D-R020926.M

Quant Method : C:\msdchem\1\methods\V10-8260D-R020926.M

Quant Title : Volatile Organics EPA 8260D & 624.1

QLast Update : Wed Feb 11 17:28:59 2026

Response via : Initial Calibration



360

Data File : V10C19065.D
 Data Path : C:\msdchem\1\data\V10-03-05-2026\
 Acq On : 5 Mar 2026 7:44 am
 Operator : THD
 Sample : SEQ-CCV1
 Misc : TUN
 ALS Vial : 23
 InstName : VOA No. 10
 DataAcq Meth:VOA10ACQ.M
 Multiplr: 1.00

Quant Time: Mar 05 08:39:26 2026
 QMeth File : V10-8260D-R020926.M
 Quant Method : C:\msdchem\1\methods\V10-8260D-R020926.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Wed Feb 11 17:28:59 2026
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
Internal Standards						
1) FLUOROBENZENE (ISTD)	5.624	50	80110	10.00	ppb	0.00
48) CHLOROBENZENE-d5 (ISTD)	8.514	119	140218	10.00	ppb	0.00
80) 1,2-DICHLOROBENZENE-d4...	11.464	152	146079	10.00	ppb	0.00
System Monitoring Compounds						
42) d4-1,2-Dichloroethane ...	5.392	65	124463	8.89	ppb	0.01
Spiked Amount 10.000	Range 69 - 130		Recovery =	88.90%		
60) Toluene-d8 (SURR)	7.026	98	636169	10.24	ppb	0.00
Spiked Amount 10.000	Range 81 - 117		Recovery =	102.40%		
82) p-Bromofluorobenzene (...)	9.769	95	206441	10.77	ppb	0.00
Spiked Amount 10.000	Range 79 - 122		Recovery =	107.70%		
Target Compounds						
					Qvalue	
3) Freon 152a	1.593	65	43669	8.36	ppb	72
4) Dichlorodifluoromethane	1.581	85	59656	5.45	ppb	99
5) Freon 22	1.628	67	19167	9.40	ppb	92
6) Chlorodifluoromethane ...	1.628	67	19167	9.40	ppb	92
7) Chloromethane	1.771	50	114133	7.21	ppb	99
8) Vinyl Chloride	1.844	62	154401	10.58	ppb	96
9) Bromomethane	2.161	94	28133	3.99	ppb	95
10) Chloroethane	2.289	64	88297	11.34	ppb	99
11) Trichlorofluoromethane	2.417	101	206207	12.61	ppb	100
12) Ethyl Ether	2.698	59	97474	10.86	ppb	96
13) Ethanol	2.844	45	27094	546.89	ppb	# 95
14) Freon 123	2.941	83	237277	12.02	ppb	99
15) 1,1-Dichloroethylene	2.893	61	240300	11.65	ppb	94
16) Freon 113	2.929	101	156089	13.05	ppb	97
17) Acrolein	3.198	56	42288	34.94	ppb	95
18) Acetone	3.447	58	10517	14.65	ppb	98
19) Iodomethane	3.027	142	78165	10.98	ppb	96
20) Carbon disulfide	2.923	76	432850	10.44	ppb	100
21) Allyl Chloride	3.319	41	288146	11.15	ppb	94
22) Methyl Acetate	3.630	74	12300	12.85	ppb	49
23) tert-Butyl Alcohol (TBA)	3.722	59	13178	55.29	ppb	# 1
24) Methylene Chloride	3.417	49	205156	11.16	ppb	91
25) Acrylonitrile	4.136	53	101514	55.83	ppb	98
26) trans-1,2-Dichloroethy...	3.551	61	253562	11.21	ppb	92
27) tert-Butyl Methyl Ethe...	3.636	73	278372	13.13	ppb	73
28) n-hexane	3.612	57	390320	12.58	ppb	93
29) 1,1-Dichloroethane	4.088	63	266106	11.77	ppb	99
30) Vinyl Acetate	4.289	86	13612	9.61	ppb	53
31) Diisopropyl ether (DIPE)	3.960	45	473702	12.13	ppb	95
32) Ethyl-tert-Butyl ether...	4.277	59	334319	12.06	ppb	87
33) cis-1,2-Dichloroethylene	4.545	61	198875	10.66	ppb	93
34) 2-Butanone	5.045	72	15255	11.67	ppb	97
35) 2,2-Dichloropropane	4.636	77	164896	13.77	ppb	88
36) Tetrahydrofuran	4.917	71	31207	52.06	ppb	90
37) Bromochloromethane	4.716	49	96083	11.75	ppb	86
38) Chloroform	4.776	83	224459	10.33	ppb	98
39) 1,1,1-Trichloroethane	4.953	97	199195	11.51	ppb	97
40) Cyclohexane	4.716	56	333261	15.26	ppb	95
41) 1,1-Dichloropropylene	5.057	75	220589	12.44	ppb	88
43) Carbon Tetrachloride	4.892	117	150163	11.93	ppb	99
44) tert-Amyl alcohol (TAA)	5.526	59	10811	42.29	ppb	# 62

Data File : V10C19065.D
 Data Path : C:\msdchem\1\data\V10-03-05-2026\
 Acq On : 5 Mar 2026 7:44 am
 Operator : THD
 Sample : SEQ-CCV1
 Misc : TUN Multiplr: 1.00
 ALS Vial : 23
 InstName : VOA No. 10
 DataAcq Meth:VOA10ACQ.M

Quant Time: Mar 05 08:39:26 2026
 QMeth File : V10-8260D-R020926.M
 Quant Method : C:\msdchem\1\methods\V10-8260D-R020926.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Wed Feb 11 17:28:59 2026
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Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
45) 1,2-Dichloroethane	5.447	62	127983	10.02	ppb	100
46) Benzene	5.270	78	625632	11.13	ppb	99
47) tert-Amyl methyl ether...	5.356	73	234693	11.27	ppb	90
49) Trichloroethylene	5.770	95	150974	11.66	ppb	94
50) Methyl Cyclohexane	5.764	83	303652	15.76	ppb	95
51) Methyl Methacrylate	6.410	69	44681	11.43	ppb	95
52) Dibromomethane	6.148	93	45015	11.15	ppb	91
53) Bromodichloromethane	6.288	83	138025	11.24	ppb	99
54) 1,2-Dichloropropane	6.234	63	145074	12.31	ppb	97
55) 1,4-Dioxane	6.465	88	13152	276.12	ppb	97
56) 2-Nitropropane	6.886	43	158763	63.76	ppb	97
58) cis-1,3-Dichloropropene	6.855	75	176129	12.03	ppb	97
59) 4-Methyl-2-Pentanone	7.422	43	48920	11.09	ppb	96
61) Toluene	7.075	91	639359	11.61	ppb	99
62) n-Octane	6.886	85	68846	11.62	ppb	92
63) Ethyl Methacrylate	7.599	69	91682	11.51	ppb	95
64) trans-1,3-Dichloropropene	7.459	75	126167	9.35	ppb	98
65) 1,1,2-Trichloroethane	7.617	97	68203	10.79	ppb	96
66) 1,3-Dichloropropane	7.880	76	136247	11.67	ppb	98
67) Tetrachloroethylene	7.435	166	144273	9.79	ppb	97
68) 2-Hexanone	8.227	43	34324	11.60	ppb	96
69) n-Butyl Actetate	8.130	43	85670	11.34	ppb	98
70) Dibromochloromethane	7.788	129	65133	10.23	ppb	98
71) 1,2-Dibromoethane	8.020	107	57321	11.06	ppb	99
72) Chlorobenzene	8.532	112	338665	10.55	ppb	93
73) 1,1,1,2-tetrachloroethane	8.599	131	91976	10.51	ppb	98
74) n-Nonane	8.447	57	61676	10.59	ppb	97
75) Ethyl Benzene	8.556	91	695381	11.75	ppb	97
76) p- & m-Xylenes	8.703	91	1026520	23.02	ppb	98
77) o-Xylene	9.142	91	479891	11.39	ppb	97
78) Styrene	9.196	104	335079	11.09	ppb	97
79) Bromoform	9.227	173	25353	8.88	ppb	98
81) Isopropylbenzene	9.465	105	595072	11.47	ppb	98
83) 1,1,2,2-Tetrachloroethane	9.989	83	59157	11.19	ppb	99
84) Bromobenzene	9.879	77	219904	11.38	ppb	92
85) trans-1,4-Dichloro-2-b...	10.178	53	14037	9.70	ppb	# 84
86) 1,2,3-Trichloropropane	10.135	110	16338	10.03	ppb	99
87) n-Propylbenzene	9.904	91	690811	11.71	ppb	98
88) n-Decane	9.879	57	53833	12.34	ppb	95
89) p-Ethyltoluene	10.025	105	521779	11.01	ppb	98
90) 1,3,5-Trimethylbenzene	10.117	105	409866	10.96	ppb	97
91) 2-Chlorotoluene	10.074	91	404131	11.04	ppb	96
92) 4-Chlorotoluene	10.257	91	366205	11.11	ppb	96
93) tert-Butylbenzene	10.464	119	371615	10.80	ppb	98
94) 1,2,4-Trimethylbenzene	10.544	105	393649	11.13	ppb	97
95) sec-Butylbenzene	10.659	105	474970	11.13	ppb	98
96) Limonene	10.629	68	106270	12.82	ppb	95
97) 1,3-Dichlorobenzene	10.903	146	167567	9.96	ppb	97
98) p-Isopropyltoluene	10.818	119	356756	10.61	ppb	98
99) 1,4-Dichlorobenzene	11.001	146	165844	9.94	ppb	97
100) 1,2,3-Trimethylbenzene	11.025	105	372909	11.43	ppb	98
101) p-Diethylbenzene	11.226	105	156065	10.82	ppb	96
102) trans-Decahydronapthalene	11.068	138	37282	8.51	ppb	# 83
103) 1,2-Dichlorobenzene	11.470	146	134158	9.89	ppb	96
104) n-Butylbenzene	11.294	91	351678	11.12	ppb	97

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 InstName : VOA No. 10
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 Multiplr: 1.00

Quant Time: Mar 05 08:39:26 2026
 QMeth File : V10-8260D-R020926.M
 Quant Method : C:\msdchem\1\methods\V10-8260D-R020926.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Wed Feb 11 17:28:59 2026
 Response via : Initial Calibration

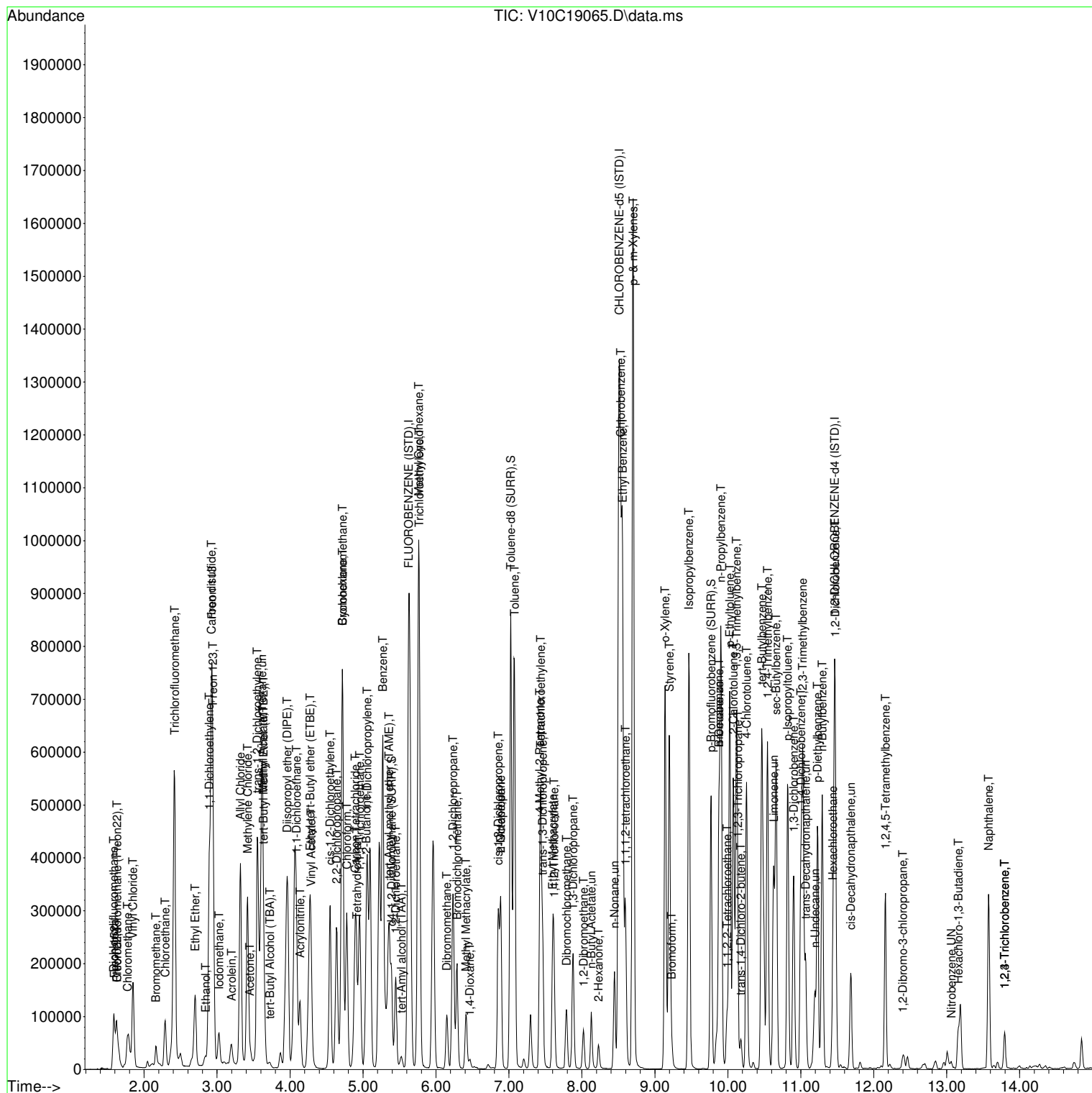
	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
105)	Hexachloroethane	11.440	119	37066	7.96	ppb	91
106)	n-Undecane	11.196	71	19376	12.03	ppb	90
107)	cis-Decahydronapthalene	11.684	138	26576	8.96	ppb	# 91
108)	1,2-Dibromo-3-chloropr...	12.397	75	6199	9.44	ppb	86
109)	1,2,4,5-Tetramethylben...	12.159	119	203967	10.55	ppb	97
110)	Nitrobenzene	13.061	77	7574	110.79	ppb	97
111)	1,2,4-Trichlorobenzene	13.793	180	22659	9.69	ppb	94
112)	Hexachloro-1,3-Butadiene	13.159	225	15301	8.38	ppb	96
113)	Naphthalene	13.574	128	289806	38.74	ppb	100
114)	1,2,3-Trichlorobenzene	13.793	180	22659	9.69	ppb	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : V10C19065.D
 Data Path : C:\msdchem\1\data\V10-03-05-2026\
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 QLast Update : Wed Feb 11 17:28:59 2026
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BENCHSHEETS

SDG:	26B1152
CLASS:	VOA
METHOD:	EPA 8260D

PREPARATION BENCH SHEET : BB61548

Preparation Date: 02/28/2026 07:00

ALS Environmental - Stratford

Matrix: Water

Samples And QC:

Samples And QC:									PH Data If applicable		Decanted If applicable		Comments
Lab Number	Analysis	mL Initial	mL Final	Spike1	uL Spike1	Spike2	uL Spike2	Source ID	Initial	Final	Basic	Y/N	
26B1152-01 A	VOA, 8260 LOW MASTER	25	25							<2	ND		
26B1152-02 A	VOA, 8260 LOW MASTER	25	25							<2	ND		
26B1152-03 A	VOA, 8260 LOW MASTER	25	25							<2	ND		
26B1152-04 A	VOA, 8260 LOW MASTER	25	25							<2	ND		
26B1152-05 A	VOA, 8260 LOW MASTER	25	25							<2	ND		
26B1152-06 A	VOA, 8260 LOW MASTER	25	25							<2	ND		
26B1152-07 A	VOA, 8260 LOW MASTER	25	25							<2	ND		
26B1152-08 A	VOA, 8260 LOW MASTER	25	25							<2	ND		
BB61548-BLK1	VOA, 8260 LOW MASTER	25	25							<2	ND		
BB61548-BS1	VOA, 8260 LOW MASTER	25	25	S26B725	10					<2	ND		
BB61548-BSD1	VOA, 8260 LOW MASTER	25	25	S26B725	10					<2	ND		
BB61548-MS1	VOA, 8260 LOW MASTER	25	25	S26B725	8			26B1152-03		<2	ND		
BB61548-MSD1	VOA, 8260 LOW MASTER	25	25	S26B725	8			26B1152-03		<2	ND		

Reagent

Standard/Reagent ID	Description	LotNum
S25K559	VOA FLASK CLASS A 50ML	06DE-M
S25K560	VOA FLASK CLASS A 100ML	04DE-M
S25L167	VOA- NITROGEN PURGED WATER SYSTEM	WATER
S25L320	VOA - SYRINGE 0.025ml	VOA-SYR
S26A475	VOA- WATER, POLAND SPRING	0916BB

Spike

Standard/Reagent ID	Description	LotNum	Volume (uL)
S26B725	VOA - ICV/LCS/MS Static WATERS @ 10 ppb phenomenex	-	8
S26B725	VOA - ICV/LCS/MS Static WATERS @ 10 ppb phenomenex	-	10

Surrogate

Standard/Reagent ID	Description	LotNum	Volume (uL)
S22K215	Volatiles Surrogate Static Mix @ 10ppb	-	1

Preparations Performed by Francis T Russel

Date: 11/11/2022 08:27

BENCHSHEETS

SDG:	26B1152
CLASS:	VOA
METHOD:	EPA 8260D

PREPARATION BENCH SHEET : BC60272

Preparation Date: 02/28/2026 07:00

ALS Environmental - Stratford

Matrix: Water

Samples And QC:

Samples And QC:									PH Data If applicable			Decanted If applicable		Comments
Lab Number	Analysis	mL Initial	mL Final	Spike1	uL Spike1	Spike2	uL Spike2	Source ID	Initial	Final	Basic	Y/N		
26B1152-01RE1 C	VOA, 8260 LOW MASTER	25	25							<2	ND		From BB61548 by THD on 03/05	
26B1152-03RE1 C	VOA, 8260 LOW MASTER	25	25							<2	ND		From BB61548 by THD on 03/05	
BC60272-BLK1	VOA, 8260 LOW MASTER	25	25							<2	ND			
BC60272-BS1	VOA, 8260 LOW MASTER	25	25	S26C007	10					<2	ND			
BC60272-BSD1	VOA, 8260 LOW MASTER	25	25	S26C007	10					<2	ND			

Reagent

Standard/Reagent ID	Description	LotNum
S25K559	VOA FLASK CLASS A 50ML	06DE-M
S25K560	VOA FLASK CLASS A 100ML	04DE-M
S25L167	VOA- NITROGEN PURGED WATER SYSTEM	WATER
S25L320	VOA - SYRINGE 0.025ml	VOA-SYR
S26A475	VOA- WATER, POLAND SPRING	0916BB

Spike

Standard/Reagent ID	Description	LotNum	Volume (uL)
S26C007	VOA - ICV/LCS/MS Static WATERS @ 10 ppb phenomex	-	10

Surrogate

Standard/Reagent ID	Description	LotNum	Volume (uL)
S22K215	Volatiles Surrogate Static Mix @ 10ppb	-	1

Preparations Performed by Francis T Russel

Date: 11/11/2022 08:27



Field Chain-of-Custody Record

ALS' Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for ALS to proceed with the analyses requested below. Your signature binds you to ALS' Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 132-02 88th Ave Queens, NY 11418 56 Church Hill Rd, #2 Newtown, CT 06470 2161 Whitesville Rd Toms River, NJ 08755 clientservices@yorklab.com 800-306-YORK 800-306-9675

Report To: Company: Hydrus Tech Environmental Address: 231 West 89th St, NY, NY Phone: 631-241-7365 Contact: Paul Nale E-mail: paul.nale@hydrustech.com		Invoice To: Company: Hydrus Tech Environmental Address: 231 West 89th St, NY, NY Phone: 631-241-7365 Contact: Paul Nale E-mail: paul.nale@hydrustech.com		YOUR Project Name / Number 230051-170 Freeman St, Brooklyn, NY PO Number 53260		Samples Collected From NY NJ CT PA Other: (please specify)		Turn-Around Time RUSH - Next Day RUSH - Two Day RUSH - Three Day RUSH - Four Day RUSH - Five Day Standard (6-9 Day) PFAS Standard 7-10 Day	
Matrix Codes S - soil/solid/sludge GW - ground water DW - drinking water SW - surface water WW - wastewater O - Oil Other		Matrix Time Date 11:00 AM 04/27/26 11:25 AM 10:15 AM 1:00 PM 12:25 PM 12:00 PM 1:05 PM DZ 1:05 PM DZ		Preservative (please list number of containers) Unpreserved HCl (hydrochloric acid) MeOH (methanol) HNO ₃ (nitric acid) H ₂ SO ₄ (sulfuric acid) NaOH (sodium hydroxide) Na ₂ O ₂ (sodium thio.) Trizma Ammonium Acetate Other:		Analyses Requested		Report Type (circle) QA Report Summary (Results Only) NY ASP B Package NJ Reduced NJ DKQP NJ Full CT RCP G/C G/C	
Sample Identification Sample ID Date PW-2 (2026 27 02) 04/27/26 PW-10 PW-11R 11/17/20 PW-13R PW-14 PW-15 FB (2026 27 02) TB (2026 27 02)		Date 04/27/26 11/17/20 11/17/20 11/17/20 11/17/20 11/17/20 11/17/20 11/17/20		Time 11:00 AM 11:25 AM 10:15 AM 1:00 PM 12:25 PM 12:00 PM 1:05 PM 1:05 PM		Field Filtered Lab Filtered		Regulatory Comparative Compared to the following Regulation(s): (please fill in) NY SDEC GAS	
Comments: 1. Samples Relinquished by / Company Marie Rox 2702/2026 04/27/26 14:00 2/27/26 18:38 2. Samples Received by / Company Marie Rox 2702/2026 04/27/26 14:00 2/27/26 18:38 3. Samples Relinquished by / Company Marie Rox 2702/2026 04/27/26 14:00 2/27/26 18:38 4. Samples Received by / Company Marie Rox 2702/2026 04/27/26 14:00 2/27/26 18:38									
Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N Custody Seals: Y / N Containers Intact: Y / N CCL Labels Agree: Y / N Preservation Confirmed: Y / N COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N 2. Samples Relinquished by / Company 3. Samples Received by / Company 4. Samples Relinquished by / Company 5. Samples Received by / Company									