



HydroTech Environmental

ENGINEERING AND GEOLOGY, DPC

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June 25, 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 # 8- March 2026 to May 2026
1036 Manhattan Ave BCP Site NYSDEC BCP Site #C224315
170 Freeman Street, Brooklyn New York (the "Site")

Dear Ms. Zheng:

We are presenting this Quarterly Status Report (QSR), covering the period of March 2026 to May 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 consisted of the eighth and last quarterly monitoring and sampling event of six off-site groundwater monitoring wells following in-situ groundwater bioremediation treatment, dewatering activities, and source removal below the saturated zone that were completed between February and June 2024.

Site Description and Background

A BCP cleanup to Track 2/Track 4 restricted residential, commercial, and industrial use was achieved at this Site during the construction of the current 8-story mixed residential and commercial building with a partial basement and a Certificate of Completion (COC) was issued by NYSDEC on December 17, 2025.

BCP remediation at this Site was completed in accordance with Interim Remedial Measures Work Plan (IRM WP) dated February 18, 2022, and IRM WP Addendum dated November 22, 2023. Impact to groundwater with dissolved chlorinated volatile organic compounds (CVOCs) listed 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) was mainly delineated beneath the northwestern portion of the Site. This groundwater impact was treated during February 2024 via one round of *in-situ* injections of bioremediation agents (i.e., 3_D Microemulsion Factory Emulsified (3DME) mixed with Bio-Dechlor Inoculum Plus (BDI Plus). Groundwater remediation was also subsidized by dewatering activities and source removal to below the saturated zone.

A groundwater monitoring program consisting of eight quarterly sampling events has been implemented post injections since August 2024 on six existing off-site monitoring wells designated as MW-9, MW-10, MW-11R, MW-13R, MW-14 and MW-15. To date, a total of seven quarterly sampling events were completed post groundwater treatment. Groundwater sampling data has indicated elevated concentrations of CVOCs continue 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.

Groundwater Monitoring and Sampling

This eighth quarterly groundwater sampling was performed on May 5, 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 8.79 feet in MW-10 to 10.68 feet in MW-11R. The depth to water measured during this monitoring event increased in four wells and decreased in two wells from the previous February 2026 monitoring event, thus resulting in an overall average increase by approximately 0.25 feet.

Utilizing the casing elevations and the depth to water measured in the monitoring wells during this period in May 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 May 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. 400 µg/L), trans-1,2-DCE (24.4 µg/L) and vinyl chloride (2.49 µg/L) detected in MW-9.
- Chloroform (17 µg/L) detected in MW-10. This compound was also detected in the equipment blank. Since chloroform was not used during groundwater sampling, its detection in MW-10 and in the equipment, blank is likely related to laboratory contamination, and it 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 8th 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 beneath the Site continues to flow toward the north and northwest. No free product has been detected in any monitoring wells.

CVOCs concentrations detected in off-site groundwater pre and post in-situ groundwater remedial injections are summarized in **Table 3**. As this table indicates, previously reported CVOCs beneath the northwestern downgradient vicinity of the Site continue to be detected at concentrations exceeding GQS. This evidenced by the concentrations of cis-1,2-DCE, trans-1,2-DCE, and vinyl chloride detected in MW-9. One individual CVOC cis-1,2-DCE also continues to be detected below GQS in groundwater beneath the northern downgradient vicinity for two consecutive sampling events, as evidenced by the analytical results of MW-11R. CVOCs have been undetected in the remaining four monitoring wells for at least two consecutive sampling events in MW-10, and at least six consecutive sampling events in MW-13R, MW14 and MW-15.

The trends of CVOCs concentrations historically detected in MW-9 were evaluated with respect to changes in the depth to water in this well and these trends are shown in **Figures 4A to 4E**. As depicted in these figures, the trend of fluctuations of CVOCs in MW-9 since November 2024 continues to show a polynomial correlation with the static depth of groundwater. This finding is a continued evidence that the changes of CVOCs concentrations in this well follow the trends of groundwater elevations due to dewatering activities at the adjacent MTA tunnel.

Conclusions

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

- Groundwater flow direction beneath the Site continues to be toward the north and northwest and no free product has been detected in any monitoring wells.
- CVOCs exceeding GQS continue to be detected in downgradient monitoring well MW-9 and their concentrations tend to be affected by the groundwater elevation.

Recommendation

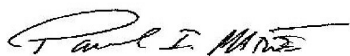
- Remaining contamination in groundwater beneath the adjacent northwestern and northern portions to the Site will continue to fluctuate consistent with dewatering

activities at the adjacent MTA tunnel. This contamination off-site will be addressed via monitored natural attenuation (MNA) that should be conducted in MW-9 and in MW-11R on a semi-annual basis for two years.

- Discontinue the sampling of the four off-Site monitoring wells MW-10, MW-13R, MW-14 and MW-15, which have shown no detection of CVOCs overtime, and decommission these wells in accordance with NYSDEC CP-43 Policy.

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 – May 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)

Tables

- 1- Groundwater Monitoring and Surveying Data Pre and Post IRM Injections
- 2- Groundwater Samples Analytical Results – May 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.

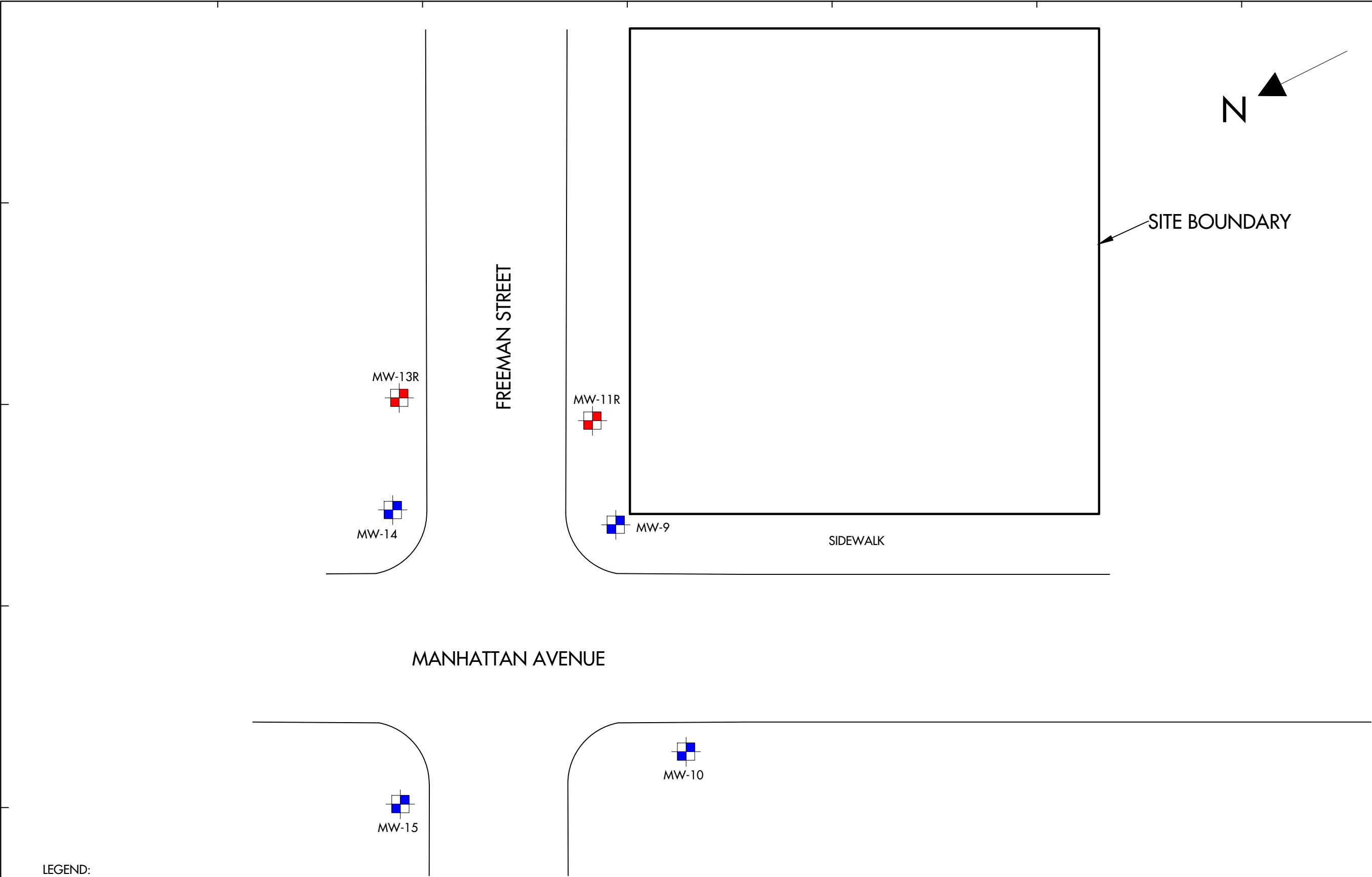
Except as noted within the text of the report, no qualitative laboratory testing was performed as part of the subject property assessment. Where an outside laboratory conducted such analyses, HydroTech relied upon the data provided, and has not conducted an independent evaluation of the reliability of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

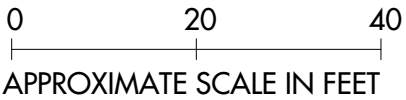
some of the data may be preliminary “screening” level data and should be confirmed with quantitative analyses if more specific information is necessary. Moreover, it should be noted that variations in the types and concentrations of contaminants and variations in their flow paths may occur due to seasonal 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.

This report was prepared solely for the use of the Client/User and is not intended for use by third parties. Unauthorized third parties shall indemnify and hold HydroTech harmless against any liability for any loss arising out of, or related to, reliance by any third party on any work performed hereunder, or the contents of this report.

Figures



- LEGEND:
- SITE BOUNDARY
 - MONITORING WELLS INSTALLED BY HYDROTECH DURING SEPTEMBER 2021
 - REPLACEMENT MONITORING WELLS INSTALLED BY HYDROTECH DURING JANUARY 2024 (MW-11R) AND MAY 2025 (MW-13R)



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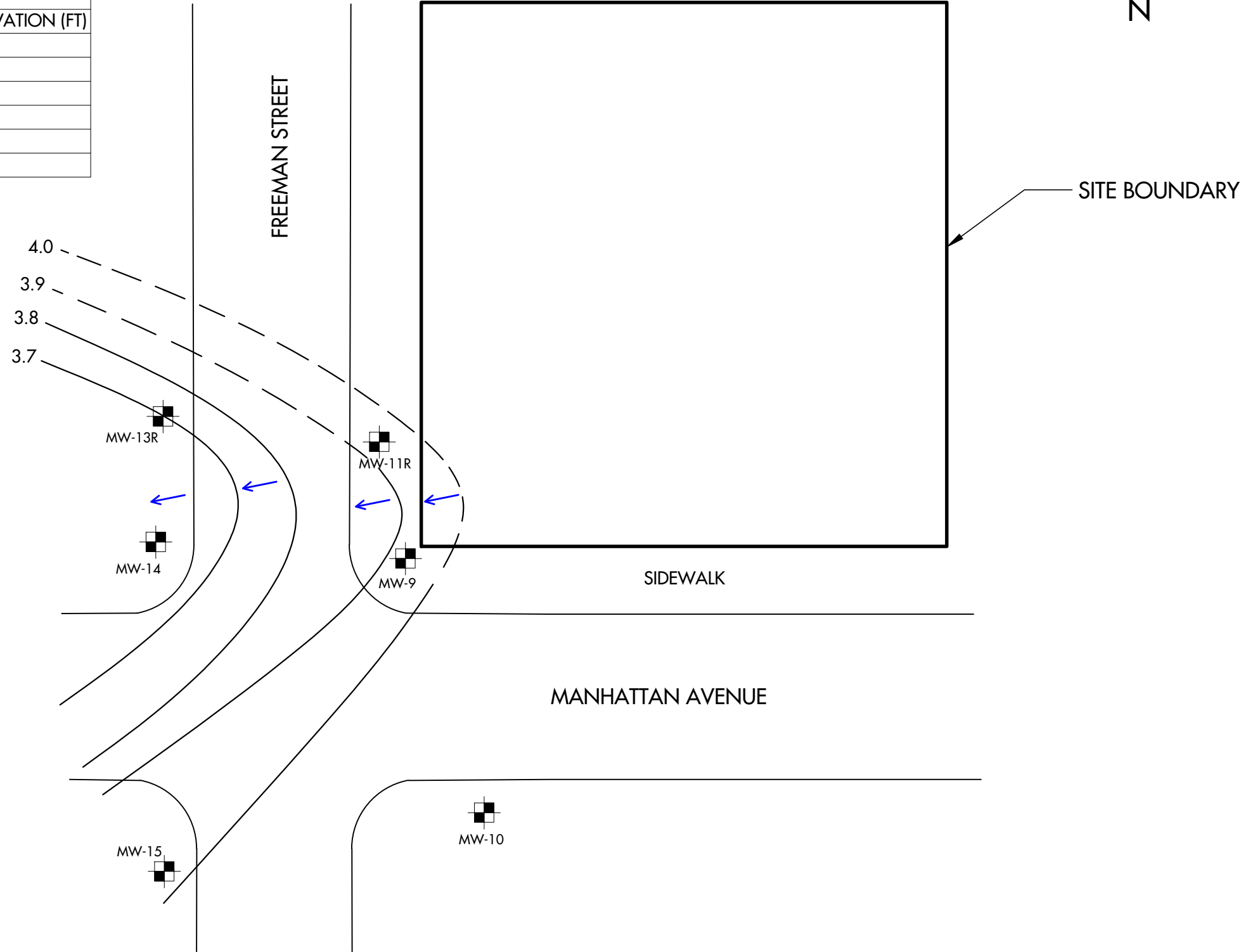
170 FREEMAN STREET, BROOKLYN, NY

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 = 0.1 FT	
WELL ID	WATER TABLE ELEVATION (FT)
MW-9	3.98
MW-10	5.82
MW-11R	3.04
MW-13R	3.70
MW-14	3.59
MW-15	3.99



LEGEND:
[Symbol] SITE BOUNDARY
[Symbol] MONITORING WELL (MW-)
[Symbol] GROUNDWATER FLOW DIRECTION
-- GROUNDWATER CONTOUR LINE DASHED WERE INFERRED
C.I. = CONTOUR INTERVAL
FT = FEET



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PROJECT FIGURE
FIGURE 2: GROUNDWATER FLOW
DIAGRAM- MAY 2026

PROJECT NO. 230051	DATE 06/09/2026
DRAWN BY A.S.	REVIEWED BY P.M.
SCALE (11X17) AS NOTED	APPROVED BY P.M.



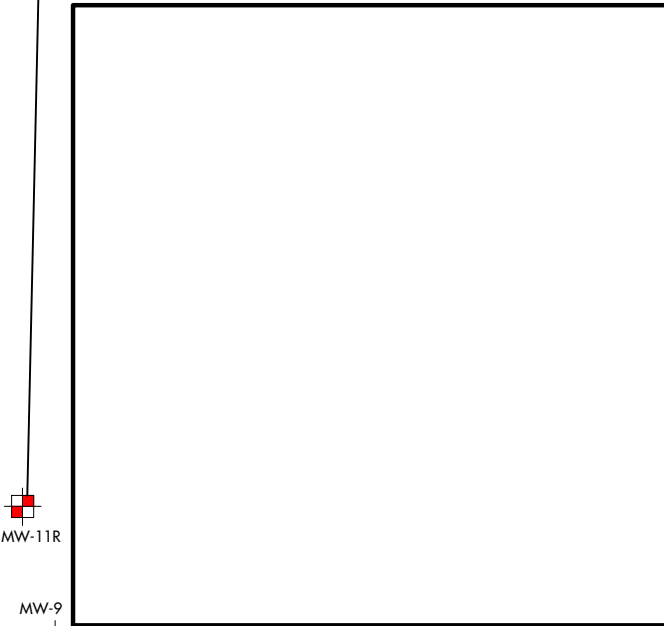
Sample ID	MW-13										MW-13R					GQS
Sampling Date	9/20/2021	1/2/2024	8/6/2024	11/7/2024	2/26/2025	5/23/2025	8/27/2025	11/17/2025	2/27/2026	5/5/2026						
1,1-DCE	0.200	U	0.327	U	0.327	U	0.327	U	N	0.327	U	0.327	U	0.327	U	5
Cis-1,2-DCE	0.28	J	1.35		6.99		0.48	J	N	0.294	U	0.294	U	0.294	U	5
PCE	0.200	U	0.239	U	0.239	U	0.239	U	N	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	5
TCE	0.200	U	0.249	U	0.249	U	0.249	U	N	0.249	U	0.239	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	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	2/27/2026	5/5/2026	
1,1-DCE	0.200	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	5
PCE	0.200	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	5
TCE	0.200	U	0.249	U	0.249	U	0.249	U	0.249	U	5
VC	0.200	U	0.469	U	0.57		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	5/5/2026	
1,1-DCE	0.200	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	5
PCE	0.21	J	1.58		0.77		0.76		0.31	J	5
Trans-1,2-DCE	21.60		4.15		6.13		11.10		18.50		5
TCE	0.76		0.97		0.69		1.02		1.03		5
VC	23.40		0.58		2.75		5.73		2.16		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	5/5/2026	
1,1-DCE	0.200	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	5
PCE	0.200	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	5
TCE	0.200	U	0.249	U	0.249	U	0.249	U	0.249	U	5
VC	0.200	U	0.469	U	0.469	U	0.469	U	0.469	U	2

Sample ID	MW-11										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	5/5/2026	
1,1-DCE	0.25	J	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		5
PCE	0.57		0.24	J	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	5
TCE	2.06		0.249	U	0.249	U	0.34	J	0.249	J	5
VC	2.77		0.469	U	0.469	U	0.469	U	0.469	U	2



FREEMAN STREET

MANHATTAN AVENUE

SITE BOUNDARY

SIDEWALK

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 $\mu\text{g/L}$

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 5/5/26 =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

CVOCs = CHLORINATED VOLATILE ORGANIC COMPOUNDS

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 - MONITORING WELL DESTROYED

0 20 40
APPROXIMATE SCALE IN FEET

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PROJECT FIGURE

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

PROJECT NO. 230051	DATE 06/10/2026
DRAWN BY A.S.	REVIEWED BY P.M.
SCALE (11X17) AS NOTED	APPROVED BY P.M.

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

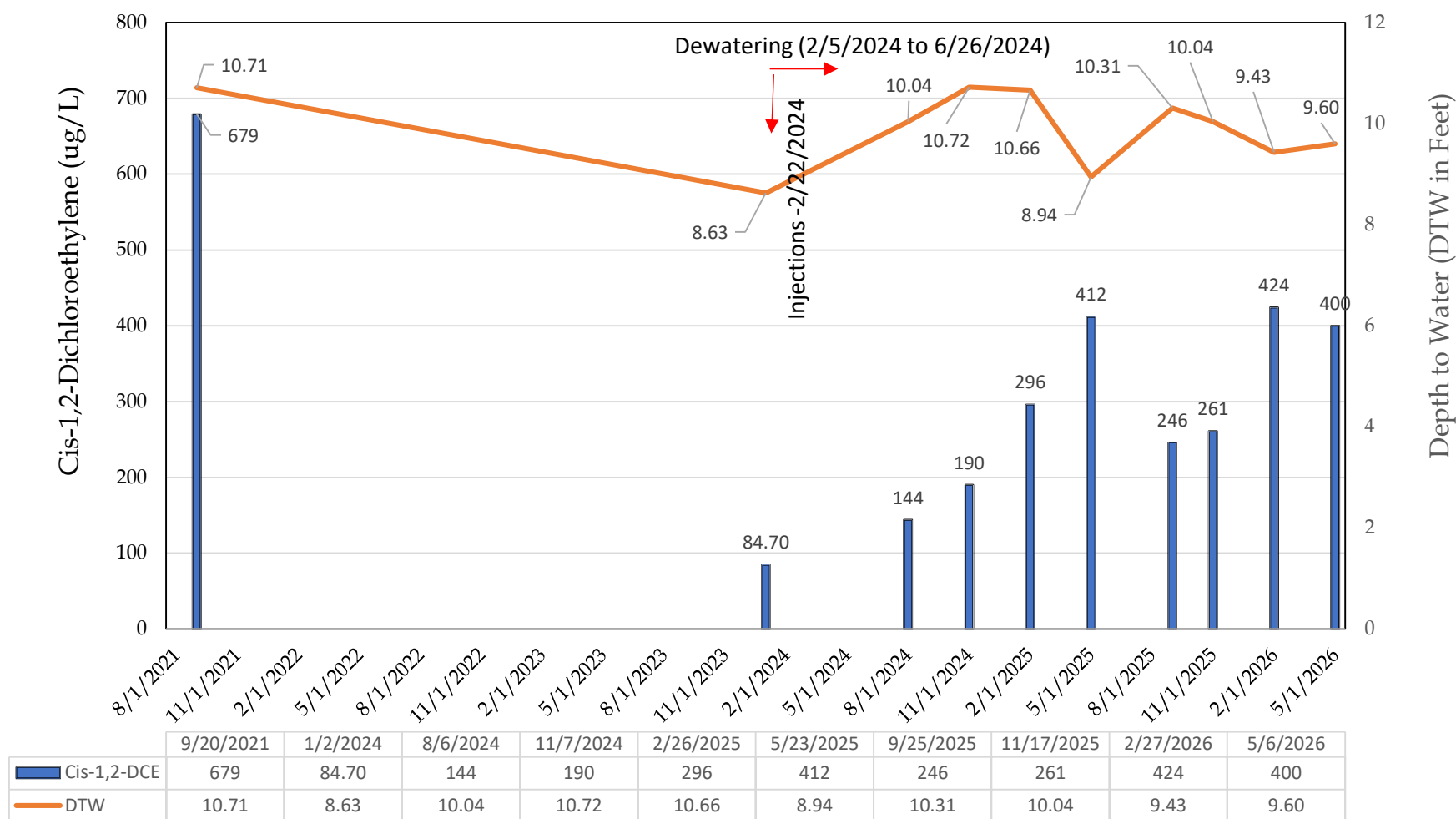
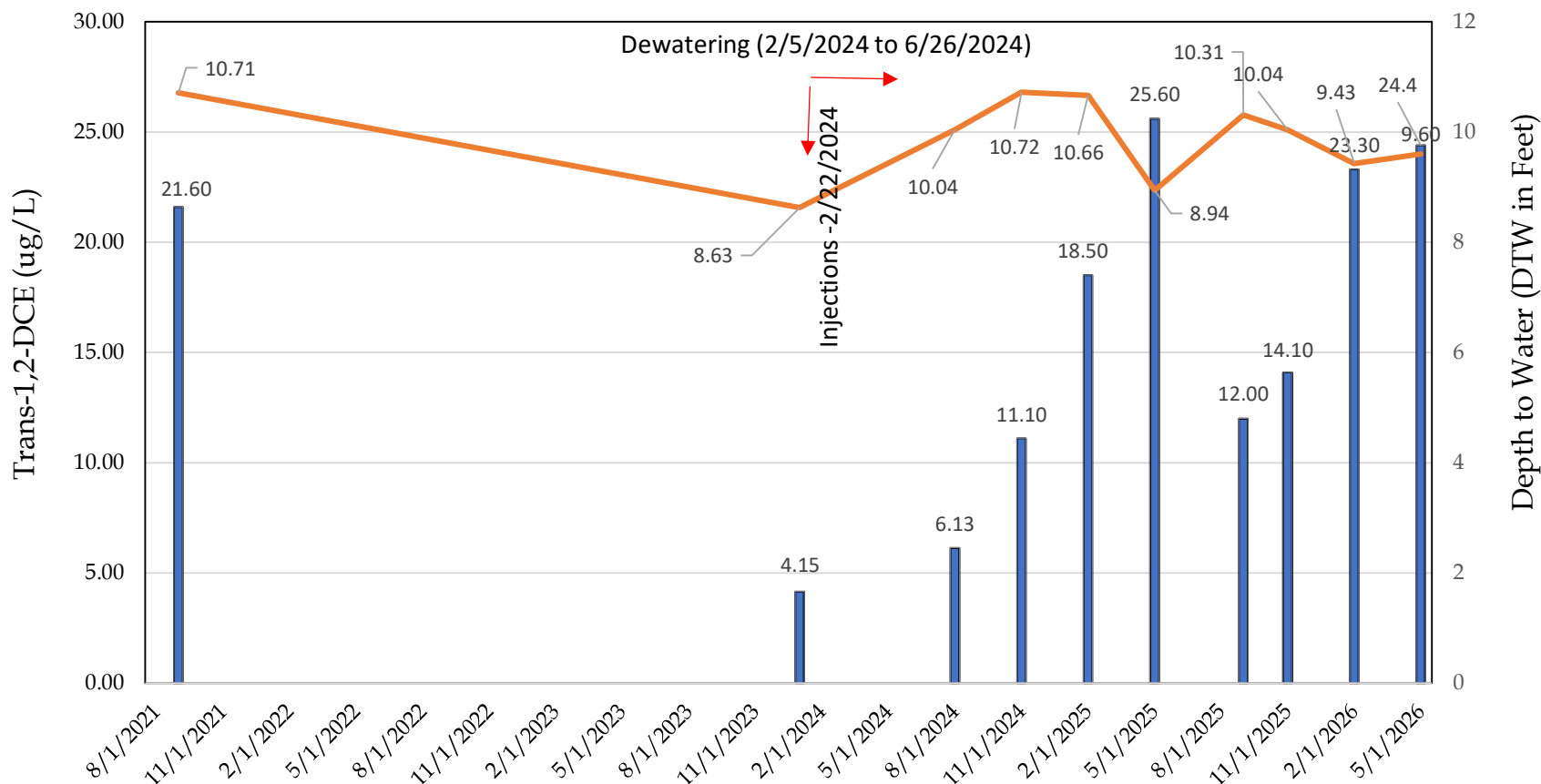


Figure 4B - Trends of Trans-1,2-DCE Concentrations in MW-9 with DTW



	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	5/6/2026
Trans-1,2-DCE	21.60	4.15	6.13	11.10	18.50	25.60	12.00	14.10	23.30	24.4
DTW	10.71	8.63	10.04	10.72	10.66	8.94	10.31	10.04	9.43	9.60

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

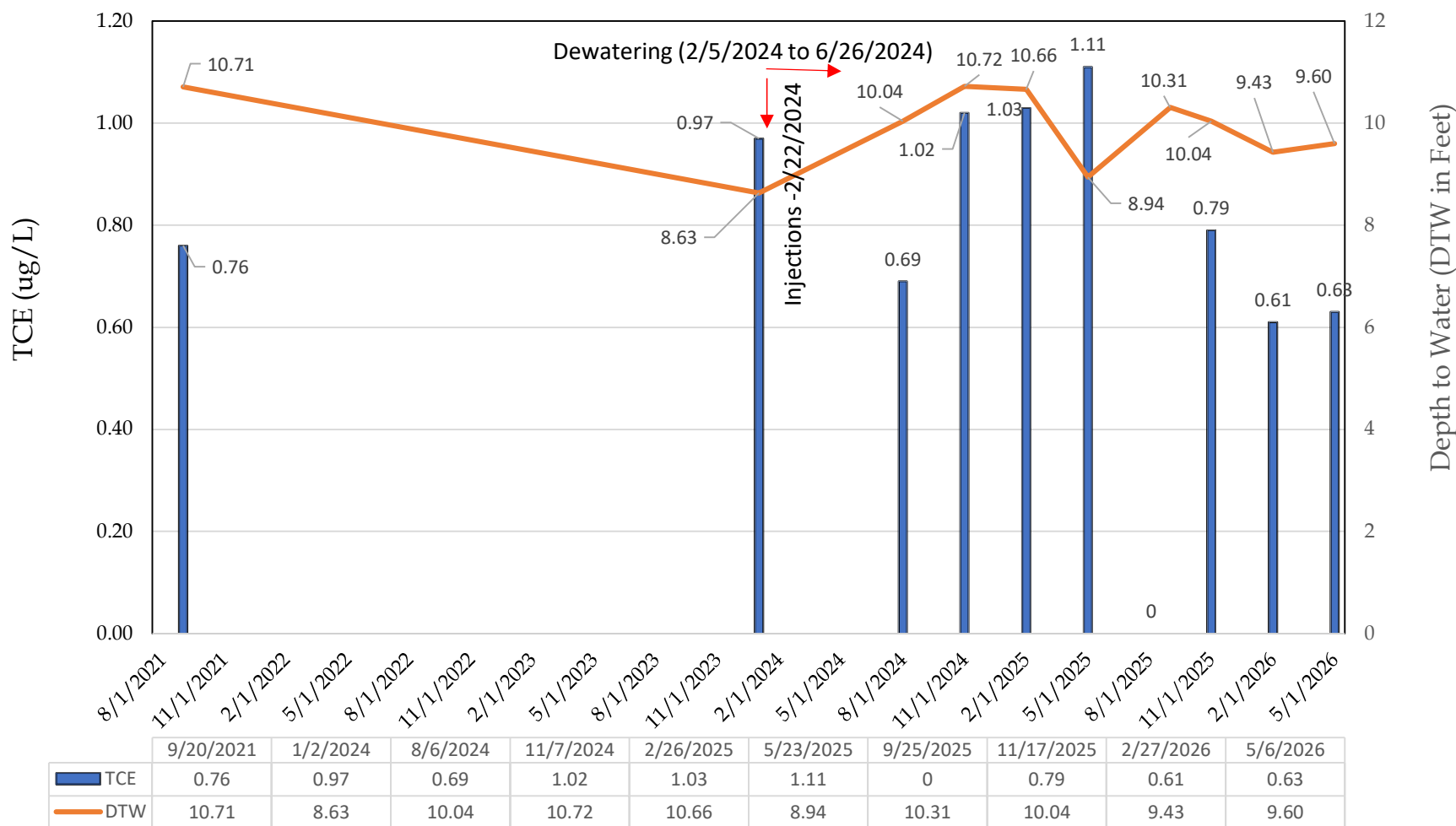


Figure 4D - Trends of PCE Concentrations in MW-9 with DTW

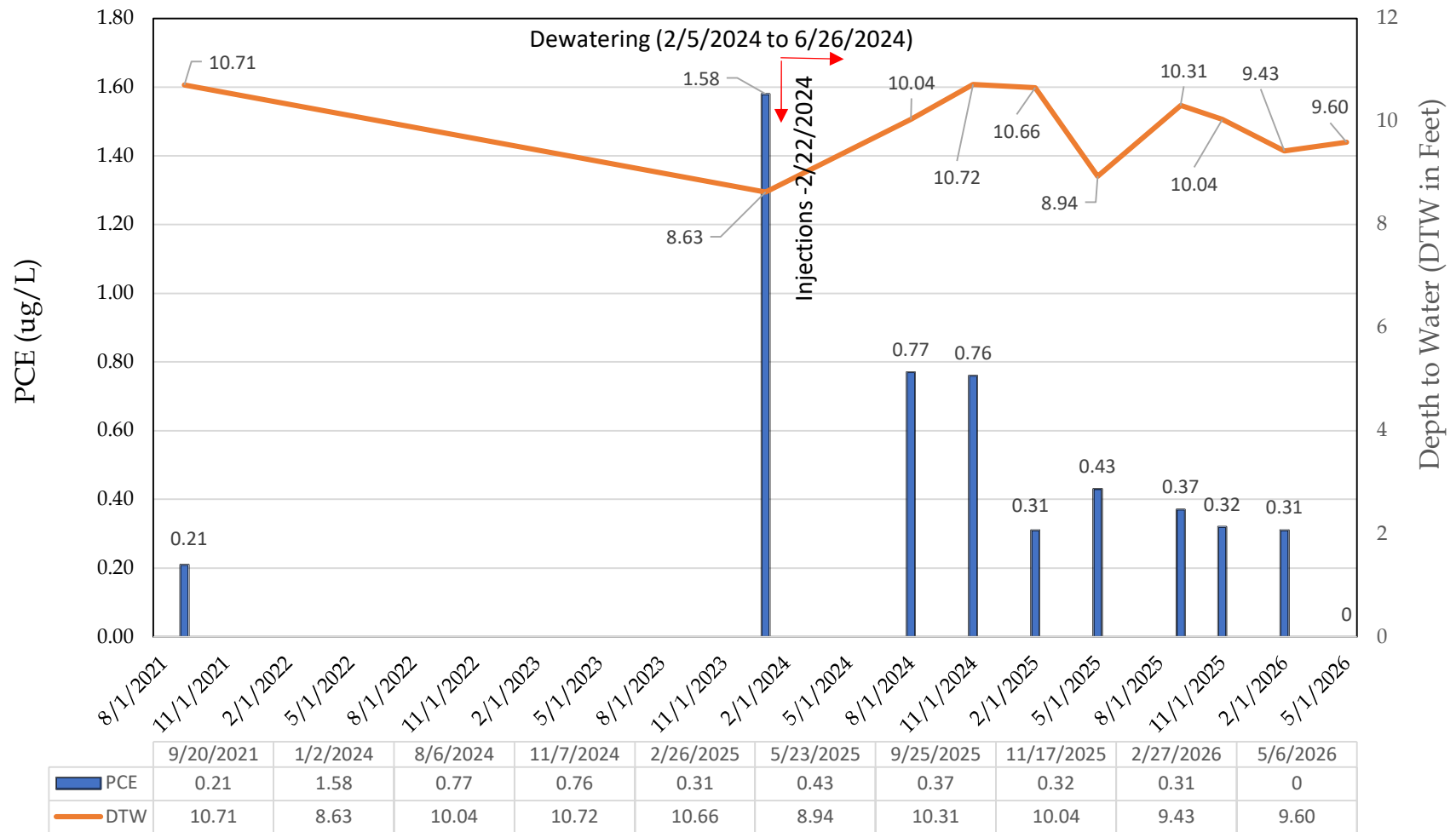
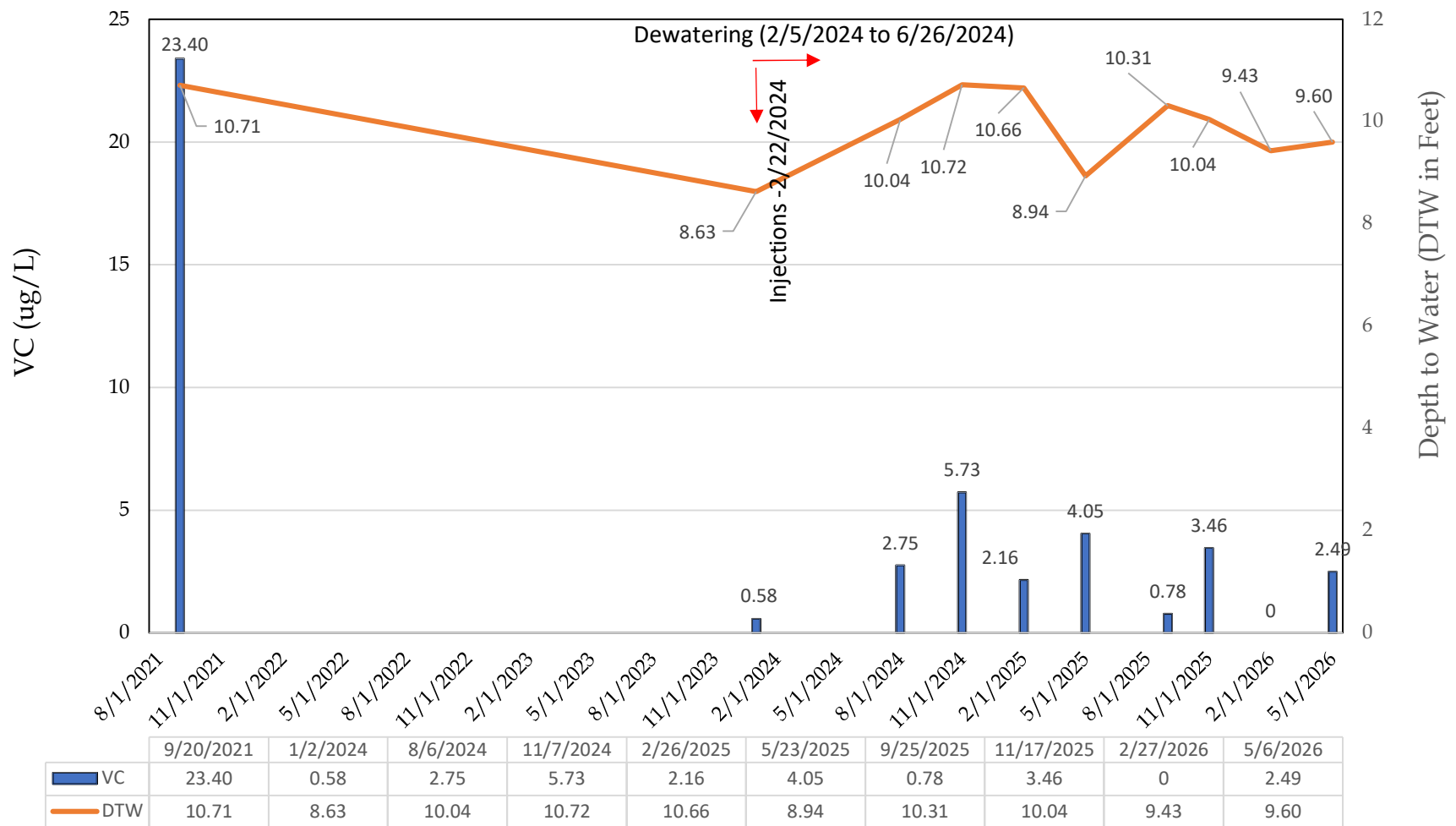


Figure 4E - Trends of VC Concentrations in MW-9 with DTW



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	May-26	Jan-24	Aug-24	Nov-24	Feb-25	May-25	Aug-25	Nov-25	Feb-26	May-26	
MW-9	2	13.58	8.63	10.04	10.72	10.66	8.94	10.31 ⁽²⁾	10.04	9.43	9.60	4.95	3.54	2.86	2.92	4.64	3.27 ⁽²⁾	3.54	4.15	3.98	
MW-10	2	14.61	9.29	9.95	10.25	9.26	8.81	9.08	9.04	8.90	8.79	5.32	4.66	4.36	5.35	5.80	5.53	5.57	5.71	5.82	
MW-11R	2	13.72	8.25	10.5	10.33	10.13	9.81	10.69	10.46	9.57	10.68	5.47	3.22	3.39	3.59	3.91	3.03	3.26	4.15	3.04	
MW-13R	2	13.33	9.63	10.52	10.54	N	9.42	10.33	10.13	9.79	9.63	4.23	3.34	3.32	N	3.91	3.00	3.20	3.54	3.70	
MW-14	2	14.3	10.37	10.97	11.05	10.23	10.52	11.20	11.00	10.56	10.71	3.93	3.33	3.25	4.07	3.78	3.10	3.30	3.74	3.59	
MW-15	2	14.27	9.83	10.40	10.32	10.22	9.70	10.82	10.40	9.92	10.28	4.44	3.87	3.95	4.05	4.57	3.45	3.87	4.35	3.99	

All values reported in feet

DTW...Depth to Water

⁽¹⁾ ...Water table elvation 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 2
Groundwater Samples Analytical Results - May 2026
170 Freeman Street, Brooklyn, NY

Sample ID	MW-9		MW-10		MW-11R		MW-13R		MW-14		MW-15		FB		TB		NYSDEC TOGS Standards and Guidance Values GA
Sampling Date	5/5/2026		5/5/2026		5/5/2026		5/5/2026		5/5/2026		5/5/2026		5/5/2026		5/5/2026		
Client Matrix	Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		DI Water		DI Water		
Units	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	
Compound	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		ug/L		
1,1,1,2-Tetrachloroethane	0.216	U	0.216	U	0.216	U	0.216	U	0.216	U	0.216	U	0.216	U	0.216	U	5
1,1,1-Trichloroethane	0.266	U	0.266	U	0.266	U	0.266	U	0.266	U	0.266	U	0.266	U	0.266	U	5
1,1,2,2-Tetrachloroethane	0.256	U	0.256	U	0.256	U	0.256	U	0.256	U	0.256	U	0.256	U	0.256	U	5
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.286	U	0.286	U	0.286	U	0.286	U	0.286	U	0.286	U	0.286	U	0.286	U	5
1,1,2-Trichloroethane	0.249	U	0.249	U	0.249	U	0.249	U	0.249	U	0.249	U	0.249	U	0.249	U	1
1,1-Dichloroethane	0.272	U	0.272	U	0.272	U	0.272	U	0.272	U	0.272	U	0.272	U	0.272	U	5
1,1-Dichloroethylene	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
1,2,3-Trichlorobenzene	0.222	U	0.222	U	0.222	U	0.222	U	0.222	U	0.222	U	0.222	U	0.222	U	5
1,2,3-Trichloropropane	0.273	U	0.273	U	0.273	U	0.273	U	0.273	U	0.273	U	0.273	U	0.273	U	0.04
1,2,4-Trichlorobenzene	0.138	U	0.138	U	0.138	U	0.138	U	0.138	U	0.138	U	0.138	U	0.138	U	5
1,2,4-Trimethylbenzene	0.310	U	0.310	U	0.310	U	0.310	U	0.310	U	0.310	U	0.310	U	0.310	U	5
1,2-Dibromo-3-chloropropane	0.432	U	0.432	U	0.432	U	0.432	U	0.432	U	0.432	U	0.432	U	0.432	U	0.04
1,2-Dibromoethane	0.215	U	0.215	U	0.215	U	0.215	U	0.215	U	0.215	U	0.215	U	0.215	U	0.0006
1,2-Dichlorobenzene	0.270	U	0.270	U	0.270	U	0.270	U	0.270	U	0.270	U	0.270	U	0.270	U	3
1,2-Dichloroethane	0.377	U	0.377	U	0.377	U	0.377	U	0.377	U	0.377	U	0.377	U	0.377	U	0.6
1,2-Dichloropropane	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	0.327	U	1
1,3,5-Trimethylbenzene	0.347	U	0.347	U	0.347	U	0.347	U	0.347	U	0.347	U	0.347	U	0.347	U	5
1,3-Dichlorobenzene	0.283	U	0.283	U	0.283	U	0.283	U	0.283	U	0.283	U	0.283	U	0.283	U	3
1,4-Dichlorobenzene	0.311	U	0.311	U	0.311	U	0.311	U	0.311	U	0.311	U	0.311	U	0.311	U	3
2-Butanone	0.421	U	0.421	U	0.421	U	0.421	U	0.421	U	0.421	U	0.421	U	0.421	U	50
2-Hexanone	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U	50
4-Methyl-2-pentanone	0.365	U	0.365	U	0.365	U	0.365	U	0.365	U	0.365	U	0.365	U	0.365	U	~
Acetone	1.34	U	1.34	U	1.65	J	1.34	U	1.34	U	1.34	U	1.34	U	3.11		50
Acrolein	0.447	U	0.447	U	0.447	U	0.447	U	0.447	U	0.447	U	0.447	U	0.447	U	5
Acrylonitrile	0.422	U	0.422	U	0.422	U	0.422	U	0.422	U	0.422	U	0.422	U	0.422	U	~
Benzene	0.279	U	0.279	U	0.279	U	0.279	U	0.279	U	0.279	U	0.279	U	0.279	U	1
Bromochloromethane	0.354	U	0.354	U	0.354	U	0.354	U	0.354	U	0.354	U	0.354	U	0.354	U	5
Bromodichloromethane	0.245	U	1.54		0.245	U	0.245	U	0.245	U	0.245	U	0.245	U	0.245	U	50
Bromoform	0.163	U	0.163	U	0.163	U	0.163	U	0.163	U	0.163	U	0.163	U	0.163	U	50
Bromomethane	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U	5
Carbon disulfide	0.362	U	0.362	U	0.362	U	0.362	U	0.362	U	0.362	U	0.362	U	0.362	U	~
Carbon tetrachloride	0.204	U	0.204	U	0.204	U	0.204	U	0.204	U	0.204	U	0.204	U	0.204	U	5
Chlorobenzene	0.284	U	0.284	U	0.284	U	0.284	U	0.284	U	0.284	U	0.284	U	0.284	U	5
Chloroethane	0.448	U	0.448	U	0.448	U	0.448	U	0.448	U	0.448	U	0.448	U	0.448	U	5
Chloroform	0.243	U	17		0.243	U	0.243	U	0.243	U	0.243	U	20.60		0.243	U	7
Chloromethane	0.372	U	0.372	U	0.372	U	0.372	U	0.372	U	0.372	U	0.372	U	0.372	U	5
cis-1,2-Dichloroethylene	400	D	0.294	U	4.95		0.294	U	0.294	U	0.294	U	0.294	U	0.294	U	5
cis-1,3-Dichloropropylene	0.262	U	0.262	U	0.262	U	0.262	U	0.262	U	0.262	U	0.262	U	0.262	U	0.4
Cyclohexane	0.491	U	0.491	U	0.491	U	0.491	U	0.491	U	0.491	U	0.491	U	0.491	U	~
Dibromochloromethane	0.146	U	0.146	U	0.146	U	0.146	U	0.146	U	0.146	U	0.146	U	0.146	U	50
Dibromomethane	0.203	U	0.203	U	0.203	U	0.203	U	0.203	U	0.203	U	0.203	U	0.203	U	~
Dichlorodifluoromethane	0.451	U	0.451	U	0.451	U	0.451	U	0.451	U	0.451	U	0.451	U	0.451	U	5
Ethyl Benzene	0.290	U	0.290	U	0.290	U	0.290	U	0.290	U	0.290	U	0.290	U	0.290	U	5
Hexachlorobutadiene	0.241	U	0.241	U	0.241	U	0.241	U	0.241	U	0.241	U	0.241	U	0.241	U	0.5
Isopropylbenzene	0.405	U	0.405	U	0.405	U	0.405	U	0.405	U	0.405	U	0.405	U	0.405	U	5
Methyl acetate	0.442	U	0.442	U	0.442	U	0.442	U	0.442	U	0.442	U	0.442	U	0.442	U	~
Methyl tert-butyl ether (MTBE)	0.244	U	0.244	U	0.244	U	0.244	U	0.244	U	0.244	U	0.244	U	0.244	U	10
Methylcyclohexane	0.477	U	0.477	U	0.477	U	0.477	U	0.477	U	0.477	U	0.477	U	0.477	U	~
Methylene chloride	0.397	U	0.397	U	0.397	U	0.397	U	0.397	U	0.397	U	0.397	U	0.397	U	5
n-Butylbenzene	0.399	U	0.399	U	0.399	U	0.399	U	0.399	U	0.399	U	0.399	U	0.399	U	5
n-Propylbenzene	0.384	U	0.384	U	0.384	U	0.384	U	0.384	U	0.384	U	0.384	U	0.384	U	5
o-Xylene	0.261	U	0.261	U	0.261	U	0.261	U	0.261	U	0.261	U	0.261	U	0.261	U	5
p- & m- Xylenes	0.578	U	0.578	U	0.578	U	0.578	U	0.578	U	0.578	U	0.578	U	0.578	U	~
p-Isopropyltoluene	0.377	U	0.377	U	0.377	U	0.377	U	0.377	U	0.377	U	0.377	U	0.377	U	5
sec-Butylbenzene	0.444	U	0.444	U	0.444	U	0.444	U	0.444	U	0.444	U	0.444	U	0.444	U	5
Styrene	0.255	U	0.255	U	0.255	U	0.255	U	0.255	U	0.255	U	0.255	U	0.255	U	5
tert-Butyl alcohol (TBA)	0.608	U	0.608	U	0.608	U	0.608	U	0.608	U	0.608	U	0.608	U	0.608	U	~
tert-Butylbenzene	0.367	U	0.367	U	0.367	U	0.367	U	0.367	U	0.367	U	0.367	U	0.367	U	5
Tetrachloroethylene	0.239	U	0.239	U	0.239	U	0.239	U	0.239	U	0.239	U	0.239	U	0.239	U	5
Toluene	0.346	U	0.346	U	0.346	U	0.346	U	0.346	U	0.346	U	0.346	U	0.346	U	5
trans-1,2-Dichloroethylene	24.40		0.279	U	0.279	U	0.279	U	0.279	U	0.279	U	0.279	U	0.279	U	5
trans-1,3-Dichloropropylene	0.229	U	0.229	U	0.229	U	0.229	U	0.229	U	0.229	U	0.229	U	0.229	U	0.4
trans-1,4-dichloro-2-butene	0.283	U	0.283	U	0.283	U	0.283	U	0.283	U	0.283	U	0.283	U	0.283	U	~
Trichloroethylene	0.630		0.249	U	0.249	U	0.249	U	0.249	U	0.249	U	0.249	U			

NOTES:

Q is the Qualifier Column with definitions as follows:

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

U=analyte not detected at or above the level indicated

~=this indicates that no regulatory limit has been established for this analyte

GQS=NYSDEC TOGS Standards and Guidance Values - GA

Shaded concentration exceeds GQS

Table 3
Groundwater Samples CVOCs Results Pre and Post IRM Injections
170 Freeman Street, Brooklyn,NY

Sample ID	MW-9																MW-10																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		5/5/2026		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		5/5/2026	
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	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	5
Cis-1,2-DCE	679	D	84.70	D	144	E	190	D	296	D	412	D	246	BD	261	D	424	D	400	D	1.43		0.294	U	166	D	0.294	U	0.294	U	1.24		0.294	U	0.69		0.294	U	0.294	U	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	0.239	U	0.200	U	0.239	U	0.74		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	21.60		4.15		6.13		11.10		18.50		25.60		12		14.10		23.30		24.40		0.200	U	0.279	U	6.03		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		0.63		0.200	U	0.249	U	0.67		0.249	U	0.249	U	0.249	U	0.239	U	0.249	U	0.249	U	0.249	U	5
VC	23.40		0.58		2.75		5.73		2.16		4.05		0.78		3.46		0.469	U	2.49		0.200	U	0.469	U	2.68		0.469	U	0.469	U	0.469	U	0.469	U	0.469	U	0.469	U	0.469	U	2

Sample ID	MW-11R																		MW-13R																		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		5/5/2026		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		5/5/2026		
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	0.327	U	0.327	U	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	0.327	U	5
Cis-1,2-DCE	124	D	0.58		0.294	U	12.70		3.80		4.06		7.77		15.80		3.95		4.95		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	0.294	U	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	0.239	U	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	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	0.279	U	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	0.279	U	0.279	U	5
TCE	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	0.249	U	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	0.249	U	0.249	U	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	0.469	U	0.47	J	5.36		0.469	U	1.07		N	0.469	U	0.469	U	0.469	U	0.469	U	0.469	U	0.469	U	2

Sample ID	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	5/5/2026	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	5/5/2026	
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	5
Cis-1,2-DCE	0.27	J	0.294	U	0.32	J	0.294	U	0.294	U	0.200	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	0.200	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	0.200	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	0.239	U	0.200	U	0.249	U	0.249	U	0.249	U	0.249	U	5
VC	0.200	U	0.469	U	0.57		0.469	U	0.469	U	0.200	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 05/05/2026 = 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
CVOCs=Chlorinated volatile organic compounds
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

Date: 25/01/2026

Sampling Device: _____ Tubing Type: _____ Initial DTP: _____ Initial DTW: _____

Well Volume: _____ Total Volume Purged: _____

Sampling Personnel: DRF

No: 20

pumping rate less than 0.2 L /minute

Notes

** Turbidity (10% for values exceeding 5 NTU or considered stabilized if less than 5 NTU).



pumping rate less than 0.2 L /minute

* 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

* 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

* 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

* 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: 05/13/2026
Client Project ID: 230051 - 170 Freeman Street, Brooklyn
Project (SDG) No.: 26E0163



Report Date: 05/13/2026
Client Project ID: 230051 - 170 Freeman Street, Brooklyn
Project (SDG) No.: 26E0163

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 May 05, 2026 and listed below. The project was identified as your project: **230051 - 170 Freeman Street, Brooklyn.**

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
26E0163-01	MW-9 (20260505)	Ground Water	05/05/2026	05/05/2026
26E0163-02	MW-10 (20260505)	Ground Water	05/05/2026	05/05/2026
26E0163-03	MW-11R (20260505)	Ground Water	05/05/2026	05/05/2026
26E0163-04	MW-13R (20260505)	Ground Water	05/05/2026	05/05/2026
26E0163-05	MW-14 (20260505)	Ground Water	05/05/2026	05/05/2026
26E0163-06	MW-15 (20260505)	Ground Water	05/05/2026	05/05/2026
26E0163-07	FB (20260505)	Ground Water	05/05/2026	05/05/2026
26E0163-08	TB (20260505)	Ground Water	05/05/2026	05/05/2026

General Notes for Project (SDG) No.: 26E0163

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: 05/13/2026



Positive Hits Included in This Report
Excludes Subcontracted Analysis

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Units	Specific Method	Analyzed
26E0163-01 - MW-9 (20260505)								
cis-1,2-Dichloroethylene	400		D	29.4	50.0	ug/L	EPA 8260D	05/11/26 12:50
trans-1,2-Dichloroethylene	24.4			0.279	0.500	ug/L	EPA 8260D	05/09/26 6:09
Trichloroethylene	0.630			0.249	0.500	ug/L	EPA 8260D	05/09/26 6:09
Vinyl Chloride	2.49			0.469	0.500	ug/L	EPA 8260D	05/09/26 6:09
26E0163-02 - MW-10 (20260505)								
Bromodichloromethane	1.54			0.245	0.500	ug/L	EPA 8260D	05/09/26 18:46
Chloroform	17.0			0.243	0.500	ug/L	EPA 8260D	05/09/26 18:46
26E0163-03 - MW-11R (20260505)								
Acetone	1.65	J	J	1.34	2.00	ug/L	EPA 8260D	05/09/26 19:18
cis-1,2-Dichloroethylene	4.95			0.294	0.500	ug/L	EPA 8260D	05/09/26 19:18
26E0163-07 - FB (20260505)								
Chloroform	20.6			0.243	0.500	ug/L	EPA 8260D	05/09/26 17:09
26E0163-08 - TB (20260505)								
Acetone	3.11			1.34	2.00	ug/L	EPA 8260D	05/09/26 4:00



Client:	Hydro Tech Environmental	Sample ID:	26E0163-01
Client Project:	230051 - 170 Freeman Street, Brooklyn	Date Received:	05/05/2026
Client Sample ID:	MW-9 (20260505)	Collection Date/Time:	5/5/26 10:55

Lab ID:	26E0163-01	Laboratory:	ALS Environmental - Stratford
Analysis:	Volatile Organic Compounds by GC/MS	Matrix:	Ground Water
Prep Method:	Sample Prepared by Method: EPA 5030B		

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND	CCVE	U	0.216	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD
1,1,1-Trichloroethane	ND		U	0.266	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD
1,1,2,2-Tetrachloroethane	ND		U	0.256	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.286	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD
1,1,2-Trichloroethane	ND		U	0.249	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD
1,1-Dichloroethane	ND		U	0.272	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD
1,1-Dichloroethylene	ND		U	0.327	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD
1,2,3-Trichlorobenzene	ND		U	0.222	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD
1,2,3-Trichloropropane	ND		U	0.273	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD
1,2,4-Trichlorobenzene	ND		U	0.138	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD
1,2,4-Trimethylbenzene	ND	CCVE, ICVE	U	0.310	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD
1,2-Dibromo-3-chloropropane	ND		U	0.432	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD
1,2-Dibromoethane	ND		U	0.215	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD
1,2-Dichlorobenzene	ND		U	0.270	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD
1,2-Dichloroethane	ND		U	0.377	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD
1,2-Dichloropropane	ND		U	0.327	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD
1,3,5-Trimethylbenzene	ND		U	0.347	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD
1,3-Dichlorobenzene	ND		U	0.283	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD
1,4-Dichlorobenzene	ND		U	0.311	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD
2-Butanone	ND		U	0.421	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD
2-Hexanone	ND	CCVE	U	0.320	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD
4-Methyl-2-pentanone	ND		U	0.365	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD
Acetone	ND		U	1.34	2.00	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD
Acrolein	ND		U	0.447	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD
Acrylonitrile	ND		U	0.422	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD
Benzene	ND		U	0.279	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD
Bromochloromethane	ND		U	0.354	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD
Bromodichloromethane	ND		U	0.245	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD
Bromoform	ND		U	0.163	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD
Bromomethane	ND		U	0.500	2.00	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD
Carbon disulfide	ND	CCVE	U	0.362	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD
Carbon tetrachloride	ND		U	0.204	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD
Chlorobenzene	ND		U	0.284	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD
Chloroethane	ND		U	0.448	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD
Chloroform	ND		U	0.243	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD
Chloromethane	ND		U	0.372	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD
cis-1,2-Dichloroethylene	400		D	29.4	50.0	100	ug/L	EPA 8260D	5/11/26 7:00	5/11/26 12:50	THD
cis-1,3-Dichloropropylene	ND		U	0.262	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD
Cyclohexane	ND		U	0.491	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD
Dibromochloromethane	ND		U	0.146	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD
Dibromomethane	ND	CCVE	U	0.203	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD
Dichlorodifluoromethane	ND		U	0.451	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD
Ethyl Benzene	ND		U	0.290	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD



Client:	Hydro Tech Environmental	Sample ID:	26E0163-01
Client Project:	230051 - 170 Freeman Street, Brooklyn	Date Received:	05/05/2026
Client Sample ID:	MW-9 (20260505)	Collection Date/Time:	5/5/26 10:55

Lab ID:	26E0163-01	Laboratory:	ALS Environmental - Stratford
Analysis:	Volatile Organic Compounds by GC/MS	Matrix:	Ground Water
Prep Method:	Sample Prepared by Method: EPA 5030B		

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Hexachlorobutadiene	ND	CCVE	U	0.241	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD
Isopropylbenzene	ND		U	0.405	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD
Methyl acetate	ND		U	0.442	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD
Methyl tert-butyl ether (MTBE)	ND		U	0.244	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD
Methylcyclohexane	ND		U	0.477	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD
Methylene chloride	ND		U	0.397	2.00	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD
n-Butylbenzene	ND		U	0.399	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD
n-Propylbenzene	ND		U	0.384	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD
o-Xylene	ND		U	0.261	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD
p- & m- Xylenes	ND		U	0.578	1.00	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD
p-Isopropyltoluene	ND		U	0.377	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD
sec-Butylbenzene	ND		U	0.444	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD
Styrene	ND		U	0.255	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD
tert-Butyl alcohol (TBA)	ND		U	0.608	1.00	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD
tert-Butylbenzene	ND		U	0.367	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD
Tetrachloroethylene	ND		U	0.239	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD
Toluene	ND	ICVE, QL-02	U	0.346	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD
trans-1,2-Dichloroethylene	24.4			0.279	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD
trans-1,3-Dichloropropylene	ND		U	0.229	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD
trans-1,4-dichloro-2-butene	ND		U	0.283	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD
Trichloroethylene	0.630			0.249	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD
Trichlorofluoromethane	ND		U	0.337	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD
Vinyl Chloride	2.49			0.469	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD
Xylenes, Total	ND		U	0.839	1.50	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	98.1 %		69-130	EPA 8260D	5/11/26 12:50
Surrogate: SURR: 1,2-Dichloroethane-d4	100 %		69-130	EPA 8260D	5/9/26 06:09
Surrogate: SURR: Toluene-d8	102 %		81-117	EPA 8260D	5/9/26 06:09
Surrogate: SURR: Toluene-d8	102 %		81-117	EPA 8260D	5/11/26 12:50
Surrogate: SURR: p-Bromofluorobenzene	99.3 %		79-122	EPA 8260D	5/9/26 06:09
Surrogate: SURR: p-Bromofluorobenzene	108 %		79-122	EPA 8260D	5/11/26 12:50

Client:	Hydro Tech Environmental	Sample ID:	26E0163-02
Client Project:	230051 - 170 Freeman Street, Brooklyn	Date Received:	05/05/2026
Client Sample ID:	MW-10 (20260505)	Collection Date/Time:	5/5/26 10:30

Lab ID:	26E0163-02	Laboratory:	ALS Environmental - Stratford
Analysis:	Volatile Organic Compounds by GC/MS	Matrix:	Ground Water



Client:	Hydro Tech Environmental	Sample ID:	26E0163-02
Client Project:	230051 - 170 Freeman Street, Brooklyn	Date Received:	05/05/2026
Client Sample ID:	MW-10 (20260505)	Collection Date/Time:	5/5/26 10:30

Lab ID: 26E0163-02				Laboratory: ALS Environmental - Stratford							
Analysis: Volatile Organic Compounds by GC/MS				Matrix: Ground Water							
Prep Method: Sample Prepared by Method: EPA 5030B											
Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analized Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.216	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
1,1,1-Trichloroethane	ND		U	0.266	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
1,1,2,2-Tetrachloroethane	ND		U	0.256	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.286	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
1,1,2-Trichloroethane	ND		U	0.249	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
1,1-Dichloroethane	ND		U	0.272	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
1,1-Dichloroethylene	ND		U	0.327	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
1,2,3-Trichlorobenzene	ND		U	0.222	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
1,2,3-Trichloropropane	ND		U	0.273	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
1,2,4-Trichlorobenzene	ND		U	0.138	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
1,2,4-Trimethylbenzene	ND		U	0.310	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
1,2-Dibromo-3-chloropropane	ND		U	0.432	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
1,2-Dibromoethane	ND		U	0.215	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
1,2-Dichlorobenzene	ND		U	0.270	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
1,2-Dichloroethane	ND		U	0.377	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
1,2-Dichloropropane	ND		U	0.327	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
1,3,5-Trimethylbenzene	ND		U	0.347	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
1,3-Dichlorobenzene	ND		U	0.283	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
1,4-Dichlorobenzene	ND		U	0.311	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
2-Butanone	ND		U	0.421	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
2-Hexanone	ND		U	0.320	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
4-Methyl-2-pentanone	ND		U	0.365	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
Acetone	ND		U	1.34	2.00	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
Acrolein	ND		U	0.447	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
Acrylonitrile	ND		U	0.422	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
Benzene	ND		U	0.279	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
Bromochloromethane	ND		U	0.354	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
Bromodichloromethane	1.54			0.245	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
Bromoform	ND		U	0.163	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
Bromomethane	ND		U	0.500	2.00	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
Carbon disulfide	ND		U	0.362	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
Carbon tetrachloride	ND		U	0.204	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
Chlorobenzene	ND		U	0.284	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
Chloroethane	ND		U	0.448	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
Chloroform	17.0			0.243	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
Chloromethane	ND		U	0.372	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
cis-1,2-Dichloroethylene	ND		U	0.294	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
cis-1,3-Dichloropropylene	ND		U	0.262	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
Cyclohexane	ND		U	0.491	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
Dibromochloromethane	ND		U	0.146	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
Dibromomethane	ND		U	0.203	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
Dichlorodifluoromethane	ND		U	0.451	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
Ethyl Benzene	ND		U	0.290	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
Hexachlorobutadiene	ND		U	0.241	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
Isopropylbenzene	ND		U	0.405	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD



Client:	Hydro Tech Environmental	Sample ID:	26E0163-02
Client Project:	230051 - 170 Freeman Street, Brooklyn	Date Received:	05/05/2026
Client Sample ID:	MW-10 (20260505)	Collection Date/Time:	5/5/26 10:30

Lab ID: 26E0163-02					Laboratory: ALS Environmental - Stratford						
Analysis: Volatile Organic Compounds by GC/MS					Matrix: Ground Water						
Prep Method: Sample Prepared by Method: EPA 5030B											
Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Methyl acetate	ND	QL-02	U	0.442	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
Methyl tert-butyl ether (MTBE)	ND		U	0.244	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
Methylcyclohexane	ND		U	0.477	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
Methylene chloride	ND		U	0.397	2.00	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
n-Butylbenzene	ND		U	0.399	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
n-Propylbenzene	ND		U	0.384	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
o-Xylene	ND		U	0.261	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
p- & m- Xylenes	ND		U	0.578	1.00	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
p-Isopropyltoluene	ND		U	0.377	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
sec-Butylbenzene	ND		U	0.444	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
Styrene	ND	CCVE	U	0.255	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
tert-Butyl alcohol (TBA)	ND		U	0.608	1.00	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
tert-Butylbenzene	ND		U	0.367	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
Tetrachloroethylene	ND		U	0.239	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
Toluene	ND		U	0.346	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
trans-1,2-Dichloroethylene	ND		U	0.279	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
trans-1,3-Dichloropropylene	ND		U	0.229	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
trans-1,4-dichloro-2-butene	ND		U	0.283	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
Trichloroethylene	ND		U	0.249	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
Trichlorofluoromethane	ND		U	0.337	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
Vinyl Chloride	ND		U	0.469	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
Xylenes, Total	ND		U	0.839	1.50	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
Surrogate Recoveries			Result	Flag	Acceptance Range			Reference Method	Analyzed		
Surrogate: SURR: 1,2-Dichloroethane-d4			97.9 %		69-130			EPA 8260D	5/ 9/26 18:46		
Surrogate: SURR: Toluene-d8			102 %		81-117			EPA 8260D	5/ 9/26 18:46		
Surrogate: SURR: p-Bromofluorobenzene			102 %		79-122			EPA 8260D	5/ 9/26 18:46		

Client:	Hydro Tech Environmental	Sample ID:	26E0163-03
Client Project:	230051 - 170 Freeman Street, Brooklyn	Date Received:	05/05/2026
Client Sample ID:	MW-11R (20260505)	Collection Date/Time:	5/5/26 10:20

Lab ID:	26E0163-03							Laboratory:	ALS Environmental - Stratford		
Analysis:	Volatile Organic Compounds by GC/MS						Matrix:	Ground Water			
Prep Method:	Sample Prepared by Method: EPA 5030B										
Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.216	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:18	THD
1,1,1-Trichloroethane	ND		U	0.266	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:18	THD
1,1,2,2-Tetrachloroethane	ND		U	0.256	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:18	THD



Client:	Hydro Tech Environmental	Sample ID:	26E0163-03
Client Project:	230051 - 170 Freeman Street, Brooklyn	Date Received:	05/05/2026
Client Sample ID:	MW-11R (20260505)	Collection Date/Time:	5/5/26 10:20

Lab ID: 26E0163-03		Laboratory: ALS Environmental - Stratford										
Analysis: Volatile Organic Compounds by GC/MS		Matrix: Ground Water										
Prep Method: Sample Prepared by Method: EPA 5030B												
Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	J	U	0.286	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD	
1,1,2-Trichloroethane	ND		U	0.249	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD	
1,1-Dichloroethane	ND		U	0.272	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD	
1,1-Dichloroethylene	ND		U	0.327	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD	
1,2,3-Trichlorobenzene	ND		U	0.222	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD	
1,2,3-Trichloropropane	ND		U	0.273	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD	
1,2,4-Trichlorobenzene	ND		U	0.138	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD	
1,2,4-Trimethylbenzene	ND		U	0.310	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD	
1,2-Dibromo-3-chloropropane	ND		U	0.432	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD	
1,2-Dibromoethane	ND		U	0.215	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD	
1,2-Dichlorobenzene	ND		U	0.270	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD	
1,2-Dichloroethane	ND		U	0.377	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD	
1,2-Dichloropropane	ND		U	0.327	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD	
1,3,5-Trimethylbenzene	ND		U	0.347	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD	
1,3-Dichlorobenzene	ND		U	0.283	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD	
1,4-Dichlorobenzene	ND		U	0.311	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD	
2-Butanone	ND		U	0.421	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD	
2-Hexanone	ND		U	0.320	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD	
4-Methyl-2-pentanone	ND		U	0.365	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD	
Acetone	1.65		J	J	1.34	2.00	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
Acrolein	ND		U	0.447	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD	
Acrylonitrile	ND		U	0.422	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD	
Benzene	ND		U	0.279	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD	
Bromochloromethane	ND		U	0.354	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD	
Bromodichloromethane	ND		U	0.245	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD	
Bromoform	ND		U	0.163	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD	
Bromomethane	ND		U	0.500	2.00	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD	
Carbon disulfide	ND		U	0.362	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD	
Carbon tetrachloride	ND		U	0.204	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD	
Chlorobenzene	ND		U	0.284	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD	
Chloroethane	ND		U	0.448	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD	
Chloroform	ND		U	0.243	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD	
Chloromethane	ND		U	0.372	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD	
cis-1,2-Dichloroethylene	4.95				0.294	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
cis-1,3-Dichloropropylene	ND			U	0.262	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
Cyclohexane	ND			U	0.491	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
Dibromochloromethane	ND			U	0.146	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
Dibromomethane	ND			U	0.203	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
Dichlorodifluoromethane	ND			U	0.451	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
Ethyl Benzene	ND			U	0.290	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
Hexachlorobutadiene	ND		U	0.241	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD	
Isopropylbenzene	ND		U	0.405	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD	
Methyl acetate	ND		U	0.442	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD	
Methyl tert-butyl ether (MTBE)	ND		U	0.244	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD	
Methylcyclohexane	ND		U	0.477	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD	



Client:	Hydro Tech Environmental	Sample ID:	26E0163-03
Client Project:	230051 - 170 Freeman Street, Brooklyn	Date Received:	05/05/2026
Client Sample ID:	MW-11R (20260505)	Collection Date/Time:	5/5/26 10:20

Lab ID:		26E0163-03				Laboratory:		ALS Environmental - Stratford			
Analysis:		Volatile Organic Compounds by GC/MS				Matrix:		Ground Water			
Prep Method:		Sample Prepared by Method: EPA 5030B									
Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Methylene chloride	ND	QL-02	U	0.397	2.00	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:18	THD
n-Butylbenzene	ND		U	0.399	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:18	THD
n-Propylbenzene	ND		U	0.384	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:18	THD
o-Xylene	ND		U	0.261	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:18	THD
p- & m- Xylenes	ND		U	0.578	1.00	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:18	THD
p-Isopropyltoluene	ND		U	0.377	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:18	THD
sec-Butylbenzene	ND		U	0.444	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:18	THD
Styrene	ND		U	0.255	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:18	THD
tert-Butyl alcohol (TBA)	ND		U	0.608	1.00	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:18	THD
tert-Butylbenzene	ND		U	0.367	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:18	THD
Tetrachloroethylene	ND	CCVE	U	0.239	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:18	THD
Toluene	ND		U	0.346	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:18	THD
trans-1,2-Dichloroethylene	ND		U	0.279	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:18	THD
trans-1,3-Dichloropropylene	ND		U	0.229	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:18	THD
trans-1,4-dichloro-2-butene	ND		U	0.283	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:18	THD
Trichloroethylene	ND		U	0.249	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:18	THD
Trichlorofluoromethane	ND		U	0.337	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:18	THD
Vinyl Chloride	ND		U	0.469	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:18	THD
Xylenes, Total	ND		U	0.839	1.50	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:18	THD
Surrogate Recoveries			Result	Flag	Acceptance Range		Reference Method		Analyzed		
Surrogate: SURR: 1,2-Dichloroethane-d4			104 %		69-130		EPA 8260D		5/9/26 19:18		
Surrogate: SURR: Toluene-d8			102 %		81-117		EPA 8260D		5/9/26 19:18		
Surrogate: SURR: p-Bromofluorobenzene			104 %		79-122		EPA 8260D		5/9/26 19:18		

Client:	Hydro Tech Environmental	Sample ID:	26E0163-04
Client Project:	230051 - 170 Freeman Street, Brooklyn	Date Received:	05/05/2026
Client Sample ID:	MW-13R (20260505)	Collection Date/Time:	5/5/26 9:35

Lab ID:	26E0163-04	Laboratory:	ALS Environmental - Stratford								
Analysis:	Volatile Organic Compounds by GC/MS					Matrix:	Ground Water				
Prep Method:	Sample Prepared by Method: EPA 5030B										
Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.216	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
1,1,1-Trichloroethane	ND		U	0.266	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
1,1,2,2-Tetrachloroethane	ND		U	0.256	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.286	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
1,1,2-Trichloroethane	ND		U	0.249	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
1,1-Dichloroethane	ND		U	0.272	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD



Client:	Hydro Tech Environmental	Sample ID:	26E0163-04
Client Project:	230051 - 170 Freeman Street, Brooklyn	Date Received:	05/05/2026
Client Sample ID:	MW-13R (20260505)	Collection Date/Time:	5/5/26 9:35

Lab ID:	26E0163-04					Laboratory:	ALS Environmental - Stratford				
Analysis:	Volatile Organic Compounds by GC/MS					Matrix:	Ground Water				
Prep Method:	Sample Prepared by Method: EPA 5030B										
Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1-Dichloroethylene	ND		U	0.327	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
1,2,3-Trichlorobenzene	ND		U	0.222	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
1,2,3-Trichloropropane	ND		U	0.273	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
1,2,4-Trichlorobenzene	ND		U	0.138	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
1,2,4-Trimethylbenzene	ND		U	0.310	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
1,2-Dibromo-3-chloropropane	ND		U	0.432	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
1,2-Dibromoethane	ND		U	0.215	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
1,2-Dichlorobenzene	ND		U	0.270	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
1,2-Dichloroethane	ND		U	0.377	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
1,2-Dichloropropane	ND		U	0.327	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
1,3,5-Trimethylbenzene	ND		U	0.347	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
1,3-Dichlorobenzene	ND		U	0.283	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
1,4-Dichlorobenzene	ND		U	0.311	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
2-Butanone	ND		U	0.421	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
2-Hexanone	ND		U	0.320	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
4-Methyl-2-pentanone	ND		U	0.365	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
Acetone	ND		U	1.34	2.00	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
Acrolein	ND		U	0.447	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
Acrylonitrile	ND		U	0.422	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
Benzene	ND		U	0.279	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
Bromochloromethane	ND		U	0.354	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
Bromodichloromethane	ND		U	0.245	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
Bromoform	ND		U	0.163	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
Bromomethane	ND		U	0.500	2.00	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
Carbon disulfide	ND		U	0.362	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
Carbon tetrachloride	ND		U	0.204	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
Chlorobenzene	ND		U	0.284	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
Chloroethane	ND		U	0.448	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
Chloroform	ND		U	0.243	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
Chloromethane	ND		U	0.372	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
cis-1,2-Dichloroethylene	ND		U	0.294	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
cis-1,3-Dichloropropylene	ND		U	0.262	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
Cyclohexane	ND		U	0.491	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
Dibromochloromethane	ND		U	0.146	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
Dibromomethane	ND		U	0.203	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
Dichlorodifluoromethane	ND		U	0.451	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
Ethyl Benzene	ND		U	0.290	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
Hexachlorobutadiene	ND		U	0.241	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
Isopropylbenzene	ND		U	0.405	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
Methyl acetate	ND		U	0.442	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
Methyl tert-butyl ether (MTBE)	ND		U	0.244	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
Methylcyclohexane	ND		U	0.477	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
Methylene chloride	ND		U	0.397	2.00	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
n-Butylbenzene	ND		U	0.399	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
n-Propylbenzene	ND		U	0.384	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
o-Xylene	ND		U	0.261	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD



Client:	Hydro Tech Environmental	Sample ID:	26E0163-04
Client Project:	230051 - 170 Freeman Street, Brooklyn	Date Received:	05/05/2026
Client Sample ID:	MW-13R (20260505)	Collection Date/Time:	5/5/26 9:35

Lab ID:	26E0163-04					Laboratory:	ALS Environmental - Stratford				
Analysis:	Volatile Organic Compounds by GC/MS					Matrix:	Ground Water				
Prep Method:	Sample Prepared by Method: EPA 5030B										
Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
p- & m- Xylenes	ND	QL-02	U	0.578	1.00	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
p-Isopropyltoluene	ND		U	0.377	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
sec-Butylbenzene	ND		U	0.444	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
Styrene	ND		U	0.255	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
tert-Butyl alcohol (TBA)	ND		U	0.608	1.00	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
tert-Butylbenzene	ND		U	0.367	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
Tetrachloroethylene	ND	CCVE	U	0.239	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
Toluene	ND		U	0.346	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
trans-1,2-Dichloroethylene	ND		U	0.279	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
trans-1,3-Dichloropropylene	ND		U	0.229	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
trans-1,4-dichloro-2-butene	ND		U	0.283	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
Trichloroethylene	ND		U	0.249	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
Trichlorofluoromethane	ND		U	0.337	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
Vinyl Chloride	ND		U	0.469	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
Xylenes, Total	ND		U	0.839	1.50	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
Surrogate Recoveries			Result	Flag	Acceptance Range			Reference Method	Analyzed		
Surrogate: SURRE: 1,2-Dichloroethane-d4			101 %		69-130			EPA 8260D	5/9/26 19:50		
Surrogate: SURRE: Toluene-d8			104 %		81-117			EPA 8260D	5/9/26 19:50		
Surrogate: SURRE: p-Bromofluorobenzene			105 %		79-122			EPA 8260D	5/9/26 19:50		

Client:	Hydro Tech Environmental	Sample ID:	26E0163-05
Client Project:	230051 - 170 Freeman Street, Brooklyn	Date Received:	05/05/2026
Client Sample ID:	MW-14 (20260505)	Collection Date/Time:	5/5/26 9:05

Lab ID:	26E0163-05	Laboratory:	ALS Environmental - Stratford								
Analysis:	Volatile Organic Compounds by GC/MS					Matrix:	Ground Water				
Prep Method:	Sample Prepared by Method: EPA 5030B										
Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.216	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:22	THD
1,1,1-Trichloroethane	ND		U	0.266	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:22	THD
1,1,2,2-Tetrachloroethane	ND		U	0.256	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:22	THD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.286	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:22	THD
1,1,2-Trichloroethane	ND		U	0.249	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:22	THD
1,1-Dichloroethane	ND		U	0.272	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:22	THD
1,1-Dichloroethylene	ND		U	0.327	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:22	THD
1,2,3-Trichlorobenzene	ND		U	0.222	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:22	THD
1,2,3-Trichloropropane	ND		U	0.273	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:22	THD
1,2,4-Trichlorobenzene	ND		U	0.138	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:22	THD



Client: Hydro Tech Environmental **Sample ID:** 26E0163-05
Client Project: 230051 - 170 Freeman Street, Brooklyn **Date Received:** 05/05/2026
Client Sample ID: MW-14 (20260505) **Collection Date/Time:** 5/5/26 9:05

Lab ID: 26E0163-05				Laboratory: ALS Environmental - Stratford							
Analysis: Volatile Organic Compounds by GC/MS				Matrix: Ground Water							
Prep Method: Sample Prepared by Method: EPA 5030B											
Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,2,4-Trimethylbenzene	ND		U	0.310	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:22	THD
1,2-Dibromo-3-chloropropane	ND		U	0.432	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:22	THD
1,2-Dibromoethane	ND		U	0.215	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:22	THD
1,2-Dichlorobenzene	ND		U	0.270	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:22	THD
1,2-Dichloroethane	ND		U	0.377	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:22	THD
1,2-Dichloropropane	ND		U	0.327	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:22	THD
1,3,5-Trimethylbenzene	ND		U	0.347	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:22	THD
1,3-Dichlorobenzene	ND		U	0.283	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:22	THD
1,4-Dichlorobenzene	ND		U	0.311	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:22	THD
2-Butanone	ND		U	0.421	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:22	THD
2-Hexanone	ND		U	0.320	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:22	THD
4-Methyl-2-pentanone	ND		U	0.365	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:22	THD
Acetone	ND		U	1.34	2.00	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:22	THD
Acrolein	ND		U	0.447	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:22	THD
Acrylonitrile	ND		U	0.422	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:22	THD
Benzene	ND		U	0.279	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:22	THD
Bromochloromethane	ND		U	0.354	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:22	THD
Bromodichloromethane	ND		U	0.245	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:22	THD
Bromoform	ND		U	0.163	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:22	THD
Bromomethane	ND		U	0.500	2.00	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:22	THD
Carbon disulfide	ND		U	0.362	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:22	THD
Carbon tetrachloride	ND		U	0.204	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:22	THD
Chlorobenzene	ND		U	0.284	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:22	THD
Chloroethane	ND		U	0.448	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:22	THD
Chloroform	ND		U	0.243	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:22	THD
Chloromethane	ND		U	0.372	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:22	THD
cis-1,2-Dichloroethylene	ND		U	0.294	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:22	THD
cis-1,3-Dichloropropylene	ND		U	0.262	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:22	THD
Cyclohexane	ND		U	0.491	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:22	THD
Dibromochloromethane	ND		U	0.146	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:22	THD
Dibromomethane	ND		U	0.203	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:22	THD
Dichlorodifluoromethane	ND		U	0.451	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:22	THD
Ethyl Benzene	ND		U	0.290	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:22	THD
Hexachlorobutadiene	ND		U	0.241	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:22	THD
Isopropylbenzene	ND		U	0.405	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:22	THD
Methyl acetate	ND		U	0.442	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:22	THD
Methyl tert-butyl ether (MTBE)	ND		U	0.244	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:22	THD
Methylcyclohexane	ND		U	0.477	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:22	THD
Methylene chloride	ND		U	0.397	2.00	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:22	THD
n-Butylbenzene	ND		U	0.399	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:22	THD
n-Propylbenzene	ND		U	0.384	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:22	THD
o-Xylene	ND		U	0.261	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:22	THD
p- & m- Xylenes	ND		U	0.578	1.00	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:22	THD
p-Isopropyltoluene	ND		U	0.377	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:22	THD
sec-Butylbenzene	ND		U	0.444	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:22	THD
Styrene	ND		U	0.255	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:22	THD



Client:	Hydro Tech Environmental	Sample ID:	26E0163-05
Client Project:	230051 - 170 Freeman Street, Brooklyn	Date Received:	05/05/2026
Client Sample ID:	MW-14 (20260505)	Collection Date/Time:	5/5/26 9:05

Lab ID: 26E0163-05		Laboratory: ALS Environmental - Stratford									
Analysis: Volatile Organic Compounds by GC/MS		Matrix: Ground Water									
Prep Method: Sample Prepared by Method: EPA 5030B											
Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
tert-Butyl alcohol (TBA)	ND	QL-02	U	0.608	1.00	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:22	THD
tert-Butylbenzene	ND		U	0.367	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:22	THD
Tetrachloroethylene	ND		U	0.239	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:22	THD
Toluene	ND		U	0.346	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:22	THD
trans-1,2-Dichloroethylene	ND	CCVE	U	0.279	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:22	THD
trans-1,3-Dichloropropylene	ND		U	0.229	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:22	THD
trans-1,4-dichloro-2-butene	ND		U	0.283	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:22	THD
Trichloroethylene	ND		U	0.249	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:22	THD
Trichlorofluoromethane	ND		U	0.337	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:22	THD
Vinyl Chloride	ND		U	0.469	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:22	THD
Xylenes, Total	ND		U	0.839	1.50	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:22	THD
Surrogate Recoveries			Result	Flag	Acceptance Range			Reference Method	Analyzed		
Surrogate: SURR: 1,2-Dichloroethane-d4			103 %		69-130			EPA 8260D	5/9/26 20:22		
Surrogate: SURR: Toluene-d8			102 %		81-117			EPA 8260D	5/9/26 20:22		
Surrogate: SURR: p-Bromofluorobenzene			104 %		79-122			EPA 8260D	5/9/26 20:22		

Client:	Hydro Tech Environmental	Sample ID:	26E0163-06
Client Project:	230051 - 170 Freeman Street, Brooklyn	Date Received:	05/05/2026
Client Sample ID:	MW-15 (20260505)	Collection Date/Time:	5/5/26 12:00

Lab ID: 26E0163-06					Laboratory: ALS Environmental - Stratford						
Analysis: Volatile Organic Compounds by GC/MS					Matrix: Ground Water						
Prep Method: Sample Prepared by Method: EPA 5030B											
Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.216	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
1,1,1-Trichloroethane	ND		U	0.266	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
1,1,2,2-Tetrachloroethane	ND		U	0.256	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.286	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
1,1,2-Trichloroethane	ND		U	0.249	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
1,1-Dichloroethane	ND		U	0.272	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
1,1-Dichloroethylene	ND		U	0.327	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
1,2,3-Trichlorobenzene	ND		U	0.222	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
1,2,3-Trichloropropane	ND		U	0.273	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
1,2,4-Trichlorobenzene	ND		U	0.138	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
1,2,4-Trimethylbenzene	ND		U	0.310	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
1,2-Dibromo-3-chloropropane	ND		U	0.432	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
1,2-Dibromoethane	ND		U	0.215	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
1,2-Dichlorobenzene	ND		U	0.270	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD



Client:	Hydro Tech Environmental	Sample ID:	26E0163-06
Client Project:	230051 - 170 Freeman Street, Brooklyn	Date Received:	05/05/2026
Client Sample ID:	MW-15 (20260505)	Collection Date/Time:	5/5/26 12:00

Lab ID:	26E0163-06					Laboratory:	ALS Environmental - Stratford				
Analysis:	Volatile Organic Compounds by GC/MS					Matrix:	Ground Water				
Prep Method:	Sample Prepared by Method: EPA 5030B										
Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,2-Dichloroethane	ND	QL-02	U	0.377	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:54	THD
1,2-Dichloropropane	ND		U	0.327	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:54	THD
1,3,5-Trimethylbenzene	ND		U	0.347	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:54	THD
1,3-Dichlorobenzene	ND		U	0.283	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:54	THD
1,4-Dichlorobenzene	ND		U	0.311	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:54	THD
2-Butanone	ND		U	0.421	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:54	THD
2-Hexanone	ND		U	0.320	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:54	THD
4-Methyl-2-pentanone	ND		U	0.365	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:54	THD
Acetone	ND		U	1.34	2.00	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:54	THD
Acrolein	ND		U	0.447	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:54	THD
Acrylonitrile	ND		U	0.422	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:54	THD
Benzene	ND		U	0.279	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:54	THD
Bromochloromethane	ND		U	0.354	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:54	THD
Bromodichloromethane	ND		U	0.245	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:54	THD
Bromoform	ND		U	0.163	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:54	THD
Bromomethane	ND		U	0.500	2.00	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:54	THD
Carbon disulfide	ND		U	0.362	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:54	THD
Carbon tetrachloride	ND		U	0.204	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:54	THD
Chlorobenzene	ND		U	0.284	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:54	THD
Chloroethane	ND		U	0.448	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:54	THD
Chloroform	ND		U	0.243	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:54	THD
Chloromethane	ND		U	0.372	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:54	THD
cis-1,2-Dichloroethylene	ND		U	0.294	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:54	THD
cis-1,3-Dichloropropylene	ND		U	0.262	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:54	THD
Cyclohexane	ND		U	0.491	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:54	THD
Dibromochloromethane	ND		U	0.146	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:54	THD
Dibromomethane	ND		U	0.203	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:54	THD
Dichlorodifluoromethane	ND		U	0.451	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:54	THD
Ethyl Benzene	ND		U	0.290	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:54	THD
Hexachlorobutadiene	ND		U	0.241	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:54	THD
Isopropylbenzene	ND		U	0.405	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:54	THD
Methyl acetate	ND		U	0.442	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:54	THD
Methyl tert-butyl ether (MTBE)	ND		U	0.244	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:54	THD
Methylcyclohexane	ND		U	0.477	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:54	THD
Methylene chloride	ND		U	0.397	2.00	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:54	THD
n-Butylbenzene	ND		U	0.399	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:54	THD
n-Propylbenzene	ND		U	0.384	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:54	THD
o-Xylene	ND		U	0.261	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:54	THD
p- & m- Xylenes	ND		U	0.578	1.00	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:54	THD
p-Isopropyltoluene	ND		U	0.377	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:54	THD
sec-Butylbenzene	ND		U	0.444	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:54	THD
Styrene	ND		U	0.255	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:54	THD
tert-Butyl alcohol (TBA)	ND		U	0.608	1.00	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:54	THD
tert-Butylbenzene	ND		U	0.367	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:54	THD
Tetrachloroethylene	ND		U	0.239	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:54	THD
Toluene	ND		U	0.346	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:54	THD



Client:	Hydro Tech Environmental	Sample ID:	26E0163-06
Client Project:	230051 - 170 Freeman Street, Brooklyn	Date Received:	05/05/2026
Client Sample ID:	MW-15 (20260505)	Collection Date/Time:	5/5/26 12:00

Lab ID: 26E0163-06					Laboratory: ALS Environmental - Stratford						
Analysis: Volatile Organic Compounds by GC/MS					Matrix: Ground Water						
Prep Method: Sample Prepared by Method: EPA 5030B											
Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
trans-1,2-Dichloroethylene	ND	CCVE	U	0.279	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
trans-1,3-Dichloropropylene	ND		U	0.229	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
trans-1,4-dichloro-2-butene	ND		U	0.283	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
Trichloroethylene	ND		U	0.249	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
Trichlorofluoromethane	ND		U	0.337	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
Vinyl Chloride	ND		U	0.469	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
Xylenes, Total	ND		U	0.839	1.50	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
Surrogate Recoveries			Result	Flag	Acceptance Range			Reference Method	Analyzed		
Surrogate: SURR: 1,2-Dichloroethane-d4			100 %		69-130			EPA 8260D	5/ 9/26 20:54		
Surrogate: SURR: Toluene-d8			103 %		81-117			EPA 8260D	5/ 9/26 20:54		
Surrogate: SURR: p-Bromofluorobenzene			104 %		79-122			EPA 8260D	5/ 9/26 20:54		

Client:	Hydro Tech Environmental	Sample ID:	26E0163-07
Client Project:	230051 - 170 Freeman Street, Brooklyn	Date Received:	05/05/2026
Client Sample ID:	FB (20260505)	Collection Date/Time:	5/5/26 12:05

Lab ID: 26E0163-07					Laboratory: ALS Environmental - Stratford						
Analysis: Volatile Organic Compounds by GC/MS					Matrix: Ground Water						
Prep Method: Sample Prepared by Method: EPA 5030B											
Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND		U	0.216	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
1,1,1-Trichloroethane	ND		U	0.266	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
1,1,2,2-Tetrachloroethane	ND		U	0.256	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.286	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
1,1,2-Trichloroethane	ND		U	0.249	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
1,1-Dichloroethane	ND		U	0.272	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
1,1-Dichloroethylene	ND		U	0.327	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
1,2,3-Trichlorobenzene	ND		U	0.222	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
1,2,3-Trichloropropane	ND		U	0.273	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
1,2,4-Trichlorobenzene	ND		U	0.138	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
1,2,4-Trimethylbenzene	ND		U	0.310	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
1,2-Dibromo-3-chloropropane	ND		U	0.432	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
1,2-Dibromoethane	ND		U	0.215	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
1,2-Dichlorobenzene	ND		U	0.270	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
1,2-Dichloroethane	ND		U	0.377	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
1,2-Dichloropropane	ND		U	0.327	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
1,3,5-Trimethylbenzene	ND		U	0.347	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
1,3-Dichlorobenzene	ND		U	0.283	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD



Client:	Hydro Tech Environmental	Sample ID:	26E0163-07
Client Project:	230051 - 170 Freeman Street, Brooklyn	Date Received:	05/05/2026
Client Sample ID:	FB (20260505)	Collection Date/Time:	5/5/26 12:05

Lab ID: 26E0163-07				Laboratory: ALS Environmental - Stratford								
Analysis: Volatile Organic Compounds by GC/MS				Matrix: Ground Water								
Prep Method: Sample Prepared by Method: EPA 5030B												
Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By	
1,4-Dichlorobenzene	ND	QL-02	U	0.311	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 17:09	THD	
2-Butanone	ND		U	0.421	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 17:09	THD	
2-Hexanone	ND		U	0.320	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 17:09	THD	
4-Methyl-2-pentanone	ND		U	0.365	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 17:09	THD	
Acetone	ND		U	1.34	2.00	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 17:09	THD	
Acrolein	ND		U	0.447	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 17:09	THD	
Acrylonitrile	ND		U	0.422	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 17:09	THD	
Benzene	ND		U	0.279	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 17:09	THD	
Bromochloromethane	ND		U	0.354	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 17:09	THD	
Bromodichloromethane	ND		U	0.245	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 17:09	THD	
Bromoform	ND		U	0.163	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 17:09	THD	
Bromomethane	ND		U	0.500	2.00	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 17:09	THD	
Carbon disulfide	ND		U	0.362	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 17:09	THD	
Carbon tetrachloride	ND		U	0.204	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 17:09	THD	
Chlorobenzene	ND		U	0.284	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 17:09	THD	
Chloroethane	ND		U	0.448	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 17:09	THD	
Chloroform	20.6			0.243	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 17:09	THD	
Chloromethane	ND		U	0.372	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 17:09	THD	
cis-1,2-Dichloroethylene	ND		U	0.294	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 17:09	THD	
cis-1,3-Dichloropropylene	ND		U	0.262	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 17:09	THD	
Cyclohexane	ND		U	0.491	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 17:09	THD	
Dibromochloromethane	ND		U	0.146	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 17:09	THD	
Dibromomethane	ND		U	0.203	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 17:09	THD	
Dichlorodifluoromethane	ND		U	0.451	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 17:09	THD	
Ethyl Benzene	ND		U	0.290	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 17:09	THD	
Hexachlorobutadiene	ND		U	0.241	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 17:09	THD	
Isopropylbenzene	ND		U	0.405	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 17:09	THD	
Methyl acetate	ND		U	0.442	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 17:09	THD	
Methyl tert-butyl ether (MTBE)	ND		U	0.244	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 17:09	THD	
Methylcyclohexane	ND		U	0.477	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 17:09	THD	
Methylene chloride	ND		U	0.397	2.00	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 17:09	THD	
n-Butylbenzene	ND		U	0.399	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 17:09	THD	
n-Propylbenzene	ND		U	0.384	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 17:09	THD	
o-Xylene	ND		U	0.261	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 17:09	THD	
p- & m- Xylenes	ND		U	0.578	1.00	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 17:09	THD	
p-Isopropyltoluene	ND		U	0.377	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 17:09	THD	
sec-Butylbenzene	ND		U	0.444	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 17:09	THD	
Styrene	ND		U	0.255	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 17:09	THD	
tert-Butyl alcohol (TBA)	ND		U	0.608	1.00	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 17:09	THD	
tert-Butylbenzene	ND		U	0.367	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 17:09	THD	
Tetrachloroethylene	ND			U	0.239	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 17:09	THD
Toluene	ND			U	0.346	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 17:09	THD
trans-1,2-Dichloroethylene	ND			U	0.279	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 17:09	THD
trans-1,3-Dichloropropylene	ND			U	0.229	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 17:09	THD
trans-1,4-dichloro-2-butene	ND		CCVE	U	0.283	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 17:09	THD
Trichloroethylene	ND		U	0.249	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 17:09	THD	



Client:	Hydro Tech Environmental	Sample ID:	26E0163-07
Client Project:	230051 - 170 Freeman Street, Brooklyn	Date Received:	05/05/2026
Client Sample ID:	FB (20260505)	Collection Date/Time:	5/5/26 12:05

Lab ID:	26E0163-07						Laboratory:	ALS Environmental - Stratford			
Analysis:	Volatile Organic Compounds by GC/MS					Matrix:	Ground Water				
Prep Method:	Sample Prepared by Method: EPA 5030B										
Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Trichlorofluoromethane	ND		U	0.337	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
Vinyl Chloride	ND		U	0.469	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
Xylenes, Total	ND		U	0.839	1.50	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
Surrogate Recoveries			Result	Flag		Acceptance Range		Reference Method	Analyzed		
Surrogate: SURR: 1,2-Dichloroethane-d4			97.5 %			69-130		EPA 8260D	5/ 9/26 17:09		
Surrogate: SURR: Toluene-d8			104 %			81-117		EPA 8260D	5/ 9/26 17:09		
Surrogate: SURR: p-Bromofluorobenzene			107 %			79-122		EPA 8260D	5/ 9/26 17:09		

Client:	Hydro Tech Environmental	Sample ID:	26E0163-08
Client Project:	230051 - 170 Freeman Street, Brooklyn	Date Received:	05/05/2026
Client Sample ID:	TB (20260505)	Collection Date/Time:	5/5/26 12:05

Lab ID: 26E0163-08					Laboratory: ALS Environmental - Stratford						
Analysis: Volatile Organic Compounds by GC/MS					Matrix: Ground Water						
Prep Method: Sample Prepared by Method: EPA 5030B											
Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
1,1,1,2-Tetrachloroethane	ND	CCVE	U	0.216	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
1,1,1-Trichloroethane	ND		U	0.266	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
1,1,2,2-Tetrachloroethane	ND		U	0.256	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	0.286	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
1,1,2-Trichloroethane	ND		U	0.249	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
1,1-Dichloroethane	ND		U	0.272	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
1,1-Dichloroethylene	ND		U	0.327	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
1,2,3-Trichlorobenzene	ND		U	0.222	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
1,2,3-Trichloropropane	ND		U	0.273	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
1,2,4-Trichlorobenzene	ND		U	0.138	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
1,2,4-Trimethylbenzene	ND	CCVE	U	0.310	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
1,2-Dibromo-3-chloropropane	ND		U	0.432	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
1,2-Dibromoethane	ND		U	0.215	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
1,2-Dichlorobenzene	ND		U	0.270	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
1,2-Dichloroethane	ND		U	0.377	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
1,2-Dichloropropane	ND		U	0.327	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
1,3,5-Trimethylbenzene	ND		U	0.347	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
1,3-Dichlorobenzene	ND		U	0.283	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
1,4-Dichlorobenzene	ND		U	0.311	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
2-Butanone	ND		U	0.421	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
2-Hexanone	ND	U	0.320	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD	
4-Methyl-2-pentanone	ND	U	0.365	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD	



Client:	Hydro Tech Environmental	Sample ID:	26E0163-08
Client Project:	230051 - 170 Freeman Street, Brooklyn	Date Received:	05/05/2026
Client Sample ID:	TB (20260505)	Collection Date/Time:	5/5/26 12:05

Lab ID:	26E0163-08					Laboratory:	ALS Environmental - Stratford				
Analysis:	Volatile Organic Compounds by GC/MS					Matrix:	Ground Water				
Prep Method:	Sample Prepared by Method: EPA 5030B										
Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Acetone	3.11	CCVE, ICVE	U	1.34	2.00	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
Acrolein	ND		U	0.447	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
Acrylonitrile	ND		U	0.422	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
Benzene	ND	CCVE	U	0.279	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
Bromochloromethane	ND		U	0.354	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
Bromodichloromethane	ND		U	0.245	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
Bromoform	ND		U	0.163	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
Bromomethane	ND		U	0.500	2.00	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
Carbon disulfide	ND		U	0.362	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
Carbon tetrachloride	ND		U	0.204	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
Chlorobenzene	ND		U	0.284	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
Chloroethane	ND		U	0.448	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
Chloroform	ND		U	0.243	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
Chloromethane	ND	CCVE	U	0.372	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
cis-1,2-Dichloroethylene	ND		U	0.294	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
cis-1,3-Dichloropropylene	ND		U	0.262	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
Cyclohexane	ND		U	0.491	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
Dibromochloromethane	ND		U	0.146	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
Dibromomethane	ND		U	0.203	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
Dichlorodifluoromethane	ND		U	0.451	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
Ethyl Benzene	ND		U	0.290	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
Hexachlorobutadiene	ND		U	0.241	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
Isopropylbenzene	ND		U	0.405	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
Methyl acetate	ND	CCVE	U	0.442	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
Methyl tert-butyl ether (MTBE)	ND		U	0.244	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
Methylcyclohexane	ND		U	0.477	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
Methylene chloride	ND		U	0.397	2.00	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
n-Butylbenzene	ND		U	0.399	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
n-Propylbenzene	ND		U	0.384	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
o-Xylene	ND		U	0.261	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
p- & m- Xylenes	ND		U	0.578	1.00	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
p-Isopropyltoluene	ND		U	0.377	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
sec-Butylbenzene	ND		U	0.444	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
Styrene	ND	ICVE, QL-02	U	0.255	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
tert-Butyl alcohol (TBA)	ND		U	0.608	1.00	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
tert-Butylbenzene	ND		U	0.367	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
Tetrachloroethylene	ND		U	0.239	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
Toluene	ND		U	0.346	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
trans-1,2-Dichloroethylene	ND		U	0.279	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
trans-1,3-Dichloropropylene	ND		U	0.229	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
trans-1,4-dichloro-2-butene	ND		U	0.283	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
Trichloroethylene	ND		U	0.249	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
Trichlorofluoromethane	ND		U	0.337	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
Vinyl Chloride	ND		U	0.469	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD



Client:	Hydro Tech Environmental	Sample ID:	26E0163-08
Client Project:	230051 - 170 Freeman Street, Brooklyn	Date Received:	05/05/2026
Client Sample ID:	TB (20260505)	Collection Date/Time:	5/5/26 12:05

Lab ID:	26E0163-08	Laboratory:	ALS Environmental - Stratford
Analysis:	Volatile Organic Compounds by GC/MS	Matrix:	Ground Water
Prep Method:	Sample Prepared by Method: EPA 5030B		

Parameter	Result	Lab Qualifier	CLP Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed Date	By
Xylenes, Total	ND		U	0.839	1.50	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
Surrogate Recoveries		Result		Flag		Acceptance Range		Reference Method		Analyzed	
Surrogate: SURR: 1,2-Dichloroethane-d4		96.8 %				69-130		EPA 8260D		5/9/26 04:00	
Surrogate: SURR: Toluene-d8		103 %				81-117		EPA 8260D		5/9/26 04:00	
Surrogate: SURR: p-Bromofluorobenzene		106 %				79-122		EPA 8260D		5/9/26 04:00	



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,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



Certified Analyses included in this Report

(Continued)

Analyte	CAS #	Certifications
<i>EPA 8260D in Water (Continued)</i>		
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
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,PADEP-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,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,PA DEP-68-04440
Hexachlorobutadiene	87-68-3	NYSDOH-NY12058,PADEP-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,PADEP-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,PADEP-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,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,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,PADEP-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



Certified Analyses included in this Report
(Continued)

Analyte	CAS #	Certifications
<i>EPA 8260D in Water (Continued)</i>		
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	04/01/2027
PADEP-68-04440	PADEP Registration - Stratford	68-04440	09/30/2026



Analytical Batch Summary

Batch ID: BE60494		Preparation Method: EPA 5030B	Prepared By: THD
Sample ID	Client Sample ID	Preparation Date	
26E0163-01	MW-9 (20260505)	05/07/26	
26E0163-08	TB (20260505)	05/07/26	
BE60494-BLK1	Blank	05/08/26	
BE60494-BS1	LCS	05/08/26	
BE60494-BSD1	LCS Dup	05/08/26	

Batch ID: BE60547		Preparation Method: EPA 5030B	Prepared By: THD
Sample ID	Client Sample ID	Preparation Date	
26E0163-02	MW-10 (20260505)	05/09/26	
26E0163-03	MW-11R (20260505)	05/09/26	
26E0163-04	MW-13R (20260505)	05/09/26	
26E0163-05	MW-14 (20260505)	05/09/26	
26E0163-06	MW-15 (20260505)	05/09/26	
26E0163-07	FB (20260505)	05/09/26	
BE60547-BLK1	Blank	05/09/26	
BE60547-BS1	LCS	05/09/26	
BE60547-MS1	Matrix Spike	05/09/26	
BE60547-MSD1	Matrix Spike Dup	05/09/26	

Batch ID: BE60583		Preparation Method: EPA 5030B	Prepared By: me
Sample ID	Client Sample ID	Preparation Date	
26E0163-01RE1	MW-9 (20260505)	05/11/26	
BE60583-BLK1	Blank	05/11/26	
BE60583-BS1	LCS	05/11/26	
BE60583-BSD1	LCS Dup	05/11/26	



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 BE60494 - EPA 5030B											
Blank (BE60494-BLK1)											
Prepared: 05/08/2026 Analyzed: 05/09/2026											
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 BE60494 - EPA 5030B											
Blank (BE60494-BLK1)						Prepared: 05/08/2026 Analyzed: 05/09/2026					
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	9.97		ug/L	10.0		99.7	69-130				
Surrogate: SURR: Toluene-d8	10.2		ug/L	10.0		102	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.7		ug/L	10.0		107	79-122				
LCS (BE60494-BS1)						Prepared: 05/08/2026 Analyzed: 05/09/2026					
1,1,1,2-Tetrachloroethane	11.0		ug/L	10.0		110	82-126				
1,1,1-Trichloroethane	10.3		ug/L	10.0		103	78-136				
1,1,2,2-Tetrachloroethane	11.8		ug/L	10.0		118	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.46		ug/L	10.0		84.6	54-165				
1,1,2-Trichloroethane	11.4		ug/L	10.0		114	82-123				
1,1-Dichloroethane	10.1		ug/L	10.0		101	82-129				
1,1-Dichloroethylene	9.94		ug/L	10.0		99.4	68-138				
1,2,3-Trichlorobenzene	8.04		ug/L	10.0		80.4	76-136				
1,2,3-Trichloropropane	12.2		ug/L	10.0		122	77-128				
1,2,4-Trichlorobenzene	8.14		ug/L	10.0		81.4	76-137				
1,2,4-Trimethylbenzene	11.2		ug/L	10.0		112	82-132				
1,2-Dibromo-3-chloropropane	10.6		ug/L	10.0		106	45-147				
1,2-Dibromoethane	11.2		ug/L	10.0		112	83-124				
1,2-Dichlorobenzene	10.7		ug/L	10.0		107	79-123				
1,2-Dichloroethane	9.94		ug/L	10.0		99.4	73-132				
1,2-Dichloropropane	11.1		ug/L	10.0		111	78-126				
1,3,5-Trimethylbenzene	11.1		ug/L	10.0		111	80-131				
1,3-Dichlorobenzene	11.1		ug/L	10.0		111	86-122				
1,4-Dichlorobenzene	11.3		ug/L	10.0		113	85-124				
2-Butanone	9.52		ug/L	10.0		95.2	49-152				
2-Hexanone	10.7		ug/L	10.0		107	51-146				
4-Methyl-2-pentanone	11.6		ug/L	10.0		116	57-145				
Acetone	9.85		ug/L	10.0		98.5	14-150				
Acrolein	28.6		ug/L	40.0		71.6	10-153				
Acrylonitrile	12.2		ug/L	10.0		122	51-150				
Benzene	9.75		ug/L	10.0		97.5	85-126				
Bromochloromethane	10.4		ug/L	10.0		104	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 BE60494 - EPA 5030B											
LCS (BE60494-BS1)						Prepared: 05/08/2026 Analyzed: 05/09/2026					
Bromodichloromethane	11.1		ug/L	10.0		111	79-128				
Bromoform	10.1		ug/L	10.0		101	78-133				
Bromomethane	6.57		ug/L	10.0		65.7	43-168				
Carbon disulfide	10.2		ug/L	10.0		102	68-146				
Carbon tetrachloride	10.5		ug/L	10.0		105	77-141				
Chlorobenzene	10.6		ug/L	10.0		106	88-120				
Chloroethane	10.4		ug/L	10.0		104	65-136				
Chloroform	10.0		ug/L	10.0		100	82-128				
Chloromethane	9.60		ug/L	10.0		96.0	43-155				
cis-1,2-Dichloroethylene	10.7		ug/L	10.0		107	83-129				
cis-1,3-Dichloropropylene	11.2		ug/L	10.0		112	80-131				
Cyclohexane	8.93		ug/L	10.0		89.3	63-149				
Dibromochloromethane	11.4		ug/L	10.0		114	80-130				
Dibromomethane	10.9		ug/L	10.0		109	72-134				
Dichlorodifluoromethane	7.50		ug/L	10.0		75.0	44-144				
Ethyl Benzene	11.1		ug/L	10.0		111	80-131				
Hexachlorobutadiene	8.10		ug/L	10.0		81.0	67-146				
Isopropylbenzene	12.2		ug/L	10.0		122	76-140				
Methyl acetate	8.43		ug/L	10.0		84.3	51-139				
Methyl tert-butyl ether (MTBE)	9.86		ug/L	10.0		98.6	76-135				
Methylcyclohexane	7.62		ug/L	10.0		76.2	72-143				
Methylene chloride	10.0		ug/L	10.0		100	55-137				
n-Butylbenzene	9.36		ug/L	10.0		93.6	79-132				
n-Propylbenzene	11.4		ug/L	10.0		114	78-133				
o-Xylene	11.5		ug/L	10.0		115	78-130				
p- & m- Xylenes	22.6		ug/L	20.0		113	77-133				
p-Isopropyltoluene	9.30		ug/L	10.0		93.0	81-136				
sec-Butylbenzene	10.5		ug/L	10.0		105	79-137				
Styrene	11.5		ug/L	10.0		115	67-132				
tert-Butyl alcohol (TBA)	50.9		ug/L	50.0		102	25-162				
tert-Butylbenzene	11.1		ug/L	10.0		111	77-138				
Tetrachloroethylene	6.73		ug/L	10.0		67.3	82-131	Low Bias			
Toluene	10.9		ug/L	10.0		109	80-127				
trans-1,2-Dichloroethylene	10.3		ug/L	10.0		103	80-132				
trans-1,3-Dichloropropylene	10.7		ug/L	10.0		107	78-131				
trans-1,4-dichloro-2-butene	8.02		ug/L	10.0		80.2	63-141				
Trichloroethylene	10.2		ug/L	10.0		102	82-128				
Trichlorofluoromethane	9.43		ug/L	10.0		94.3	67-139				
Vinyl Chloride	9.91		ug/L	10.0		99.1	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	9.20		ug/L	10.0		92.0	69-130				
Surrogate: SURR: Toluene-d8	10.3		ug/L	10.0		103	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.5		ug/L	10.0		105	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 BE60494 - EPA 5030B											
LCS Dup (BE60494-BSD1)						Prepared: 05/08/2026 Analyzed: 05/09/2026					
1,1,1,2-Tetrachloroethane	10.9		ug/L	10.0		109	82-126		0.825	30	
1,1,1-Trichloroethane	9.59		ug/L	10.0		95.9	78-136		7.24	30	
1,1,2,2-Tetrachloroethane	11.7		ug/L	10.0		117	76-129		0.426	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	7.95		ug/L	10.0		79.5	54-165		6.22	30	
1,1,2-Trichloroethane	11.2		ug/L	10.0		112	82-123		1.24	30	
1,1-Dichloroethane	9.95		ug/L	10.0		99.5	82-129		1.89	30	
1,1-Dichloroethylene	9.41		ug/L	10.0		94.1	68-138		5.48	30	
1,2,3-Trichlorobenzene	8.30		ug/L	10.0		83.0	76-136		3.18	30	
1,2,3-Trichloropropane	12.1		ug/L	10.0		121	77-128		1.24	30	
1,2,4-Trichlorobenzene	8.38		ug/L	10.0		83.8	76-137		2.91	30	
1,2,4-Trimethylbenzene	11.2		ug/L	10.0		112	82-132		0.179	30	
1,2-Dibromo-3-chloropropane	10.4		ug/L	10.0		104	45-147		1.99	30	
1,2-Dibromoethane	11.2		ug/L	10.0		112	83-124		0.624	30	
1,2-Dichlorobenzene	10.4		ug/L	10.0		104	79-123		2.08	30	
1,2-Dichloroethane	9.97		ug/L	10.0		99.7	73-132		0.301	30	
1,2-Dichloropropane	10.6		ug/L	10.0		106	78-126		4.15	30	
1,3,5-Trimethylbenzene	10.8		ug/L	10.0		108	80-131		3.47	30	
1,3-Dichlorobenzene	10.7		ug/L	10.0		107	86-122		3.03	30	
1,4-Dichlorobenzene	11.0		ug/L	10.0		110	85-124		2.42	30	
2-Butanone	9.39		ug/L	10.0		93.9	49-152		1.37	30	
2-Hexanone	10.8		ug/L	10.0		108	51-146		0.650	30	
4-Methyl-2-pentanone	11.8		ug/L	10.0		118	57-145		1.62	30	
Acetone	9.49		ug/L	10.0		94.9	14-150		3.72	30	
Acrolein	27.7		ug/L	40.0		69.4	10-153		3.12	30	
Acrylonitrile	11.6		ug/L	10.0		116	51-150		5.39	30	
Benzene	9.96		ug/L	10.0		99.6	85-126		2.13	30	
Bromochloromethane	10.4		ug/L	10.0		104	77-128		0.192	30	
Bromodichloromethane	10.9		ug/L	10.0		109	79-128		2.09	30	
Bromoform	9.89		ug/L	10.0		98.9	78-133		2.40	30	
Bromomethane	6.68		ug/L	10.0		66.8	43-168		1.66	30	
Carbon disulfide	9.64		ug/L	10.0		96.4	68-146		5.15	30	
Carbon tetrachloride	10.1		ug/L	10.0		101	77-141		4.56	30	
Chlorobenzene	10.7		ug/L	10.0		107	88-120		0.282	30	
Chloroethane	10.0		ug/L	10.0		100	65-136		4.02	30	
Chloroform	9.94		ug/L	10.0		99.4	82-128		1.00	30	
Chloromethane	8.57		ug/L	10.0		85.7	43-155		11.3	30	
cis-1,2-Dichloroethylene	10.2		ug/L	10.0		102	83-129		5.17	30	
cis-1,3-Dichloropropylene	11.1		ug/L	10.0		111	80-131		0.269	30	
Cyclohexane	7.89		ug/L	10.0		78.9	63-149		12.4	30	
Dibromochloromethane	11.2		ug/L	10.0		112	80-130		2.21	30	
Dibromomethane	11.0		ug/L	10.0		110	72-134		0.733	30	
Dichlorodifluoromethane	8.11		ug/L	10.0		81.1	44-144		7.82	30	
Ethyl Benzene	10.7		ug/L	10.0		107	80-131		3.12	30	
Hexachlorobutadiene	7.63		ug/L	10.0		76.3	67-146		5.98	30	
Isopropylbenzene	11.7		ug/L	10.0		117	76-140		3.43	30	
Methyl acetate	8.28		ug/L	10.0		82.8	51-139		1.80	30	
Methyl tert-butyl ether (MTBE)	9.57		ug/L	10.0		95.7	76-135		2.99	30	
Methylcyclohexane	7.33		ug/L	10.0		73.3	72-143		3.88	30	
Methylene chloride	9.81		ug/L	10.0		98.1	55-137		2.42	30	
n-Butylbenzene	8.99		ug/L	10.0		89.9	79-132		4.03	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 BE60494 - EPA 5030B											
LCS Dup (BE60494-BSD1)											
Prepared: 05/08/2026 Analyzed: 05/09/2026											
n-Propylbenzene	10.9		ug/L	10.0		109	78-133	Low Bias	3.77	30	
o-Xylene	11.2		ug/L	10.0		112	78-130		2.82	30	
p- & m- Xylenes	21.9		ug/L	20.0		109	77-133		3.46	30	
p-Isopropyltoluene	8.90		ug/L	10.0		89.0	81-136		4.40	30	
sec-Butylbenzene	10.0		ug/L	10.0		100	79-137		4.67	30	
Styrene	11.3		ug/L	10.0		113	67-132		1.67	30	
tert-Butyl alcohol (TBA)	51.0		ug/L	50.0		102	25-162		0.0589	30	
tert-Butylbenzene	10.8		ug/L	10.0		108	77-138		2.74	30	
Tetrachloroethylene	6.50		ug/L	10.0		65.0	82-131		3.48	30	
Toluene	10.6		ug/L	10.0		106	80-127		3.07	30	
trans-1,2-Dichloroethylene	9.74		ug/L	10.0		97.4	80-132		5.78	30	
trans-1,3-Dichloropropylene	10.5		ug/L	10.0		105	78-131		1.61	30	
trans-1,4-dichloro-2-butene	8.18		ug/L	10.0		81.8	63-141		1.98	30	
Trichloroethylene	10.2		ug/L	10.0		102	82-128		0.0985	30	
Trichlorofluoromethane	8.97		ug/L	10.0		89.7	67-139		5.00	30	
Vinyl Chloride	9.28		ug/L	10.0		92.8	58-145		6.57	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	9.73		ug/L	10.0		97.3	69-130				
Surrogate: SURR: Toluene-d8	10.3		ug/L	10.0		103	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.6		ug/L	10.0		106	79-122				
Batch BE60547 - EPA 5030B											
Blank (BE60547-BLK1)											
Prepared & Analyzed: 05/09/2026											
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								



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 BE60547 - EPA 5030B											
Blank (BE60547-BLK1)						Prepared & Analyzed: 05/09/2026					
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	9.64		ug/L	10.0		96.4	69-130				
Surrogate: SURR: Toluene-d8	10.3		ug/L	10.0		103	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.1		ug/L	10.0		101	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 BE60547 - EPA 5030B											
LCS (BE60547-BS1)						Prepared & Analyzed: 05/09/2026					
1,1,1,2-Tetrachloroethane	11.4		ug/L	10.0		114	82-126				
1,1,1-Trichloroethane	10.8		ug/L	10.0		108	78-136				
1,1,2,2-Tetrachloroethane	11.9		ug/L	10.0		119	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.6		ug/L	10.0		106	54-165				
1,1,2-Trichloroethane	11.6		ug/L	10.0		116	82-123				
1,1-Dichloroethane	11.0		ug/L	10.0		110	82-129				
1,1-Dichloroethylene	10.8		ug/L	10.0		108	68-138				
1,2,3-Trichlorobenzene	7.86		ug/L	10.0		78.6	76-136				
1,2,3-Trichloropropane	12.1		ug/L	10.0		121	77-128				
1,2,4-Trichlorobenzene	8.24		ug/L	10.0		82.4	76-137				
1,2,4-Trimethylbenzene	12.0		ug/L	10.0		120	82-132				
1,2-Dibromo-3-chloropropane	10.0		ug/L	10.0		100	45-147				
1,2-Dibromoethane	11.6		ug/L	10.0		116	83-124				
1,2-Dichlorobenzene	11.3		ug/L	10.0		113	79-123				
1,2-Dichloroethane	10.9		ug/L	10.0		109	73-132				
1,2-Dichloropropane	11.4		ug/L	10.0		114	78-126				
1,3,5-Trimethylbenzene	12.0		ug/L	10.0		120	80-131				
1,3-Dichlorobenzene	11.4		ug/L	10.0		114	86-122				
1,4-Dichlorobenzene	11.1		ug/L	10.0		111	85-124				
2-Butanone	10.4		ug/L	10.0		104	49-152				
2-Hexanone	11.5		ug/L	10.0		115	51-146				
4-Methyl-2-pentanone	11.5		ug/L	10.0		115	57-145				
Acetone	8.48		ug/L	10.0		84.8	14-150				
Acrolein	30.7		ug/L	40.0		76.8	10-153				
Acrylonitrile	13.0		ug/L	10.0		130	51-150				
Benzene	11.1		ug/L	10.0		111	85-126				
Bromochloromethane	11.2		ug/L	10.0		112	77-128				
Bromodichloromethane	11.4		ug/L	10.0		114	79-128				
Bromoform	9.45		ug/L	10.0		94.5	78-133				
Bromomethane	9.07		ug/L	10.0		90.7	43-168				
Carbon disulfide	10.2		ug/L	10.0		102	68-146				
Carbon tetrachloride	11.1		ug/L	10.0		111	77-141				
Chlorobenzene	11.3		ug/L	10.0		113	88-120				
Chloroethane	11.3		ug/L	10.0		113	65-136				
Chloroform	10.8		ug/L	10.0		108	82-128				
Chloromethane	12.2		ug/L	10.0		122	43-155				
cis-1,2-Dichloroethylene	11.4		ug/L	10.0		114	83-129				
cis-1,3-Dichloropropylene	12.2		ug/L	10.0		122	80-131				
Cyclohexane	10.8		ug/L	10.0		108	63-149				
Dibromochloromethane	11.5		ug/L	10.0		115	80-130				
Dibromomethane	11.3		ug/L	10.0		113	72-134				
Dichlorodifluoromethane	9.49		ug/L	10.0		94.9	44-144				
Ethyl Benzene	11.6		ug/L	10.0		116	80-131				
Hexachlorobutadiene	7.39		ug/L	10.0		73.9	67-146				
Isopropylbenzene	12.2		ug/L	10.0		122	76-140				
Methyl acetate	9.87		ug/L	10.0		98.7	51-139				
Methyl tert-butyl ether (MTBE)	10.6		ug/L	10.0		106	76-135				
Methylcyclohexane	9.59		ug/L	10.0		95.9	72-143				
Methylene chloride	10.8		ug/L	10.0		108	55-137				
n-Butylbenzene	10.5		ug/L	10.0		105	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 BE60547 - EPA 5030B											
LCS (BE60547-BS1)											
Prepared & Analyzed: 05/09/2026											
n-Propylbenzene	12.3		ug/L	10.0		123	78-133	Low Bias			
o-Xylene	11.3		ug/L	10.0		113	78-130				
p- & m- Xylenes	23.7		ug/L	20.0		118	77-133				
p-Isopropyltoluene	9.97		ug/L	10.0		99.7	81-136				
sec-Butylbenzene	11.3		ug/L	10.0		113	79-137				
Styrene	11.2		ug/L	10.0		112	67-132				
tert-Butyl alcohol (TBA)	43.1		ug/L	50.0		86.2	25-162				
tert-Butylbenzene	11.7		ug/L	10.0		117	77-138				
Tetrachloroethylene	7.18		ug/L	10.0		71.8	82-131				
Toluene	11.5		ug/L	10.0		115	80-127				
trans-1,2-Dichloroethylene	11.0		ug/L	10.0		110	80-132				
trans-1,3-Dichloropropylene	11.4		ug/L	10.0		114	78-131				
trans-1,4-dichloro-2-butene	8.62		ug/L	10.0		86.2	63-141				
Trichloroethylene	10.8		ug/L	10.0		108	82-128				
Trichlorofluoromethane	10.8		ug/L	10.0		108	67-139				
Vinyl Chloride	10.4		ug/L	10.0		104	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	9.91		ug/L	10.0		99.1	69-130				
Surrogate: SURR: Toluene-d8	10.4		ug/L	10.0		104	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.1		ug/L	10.0		101	79-122				
Matrix Spike (BE60547-MS1)						*Source sample: 26E0163-05 (MW-14 (20260505))					
						Prepared: 05/09/2026 Analyzed: 05/10/2026					
1,1,1,2-Tetrachloroethane	10.9		ug/L	10.0	0.00	109	45-161				
1,1,1-Trichloroethane	10.2		ug/L	10.0	0.00	102	70-146				
1,1,2,2-Tetrachloroethane	11.9		ug/L	10.0	0.00	119	74-121				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	7.95		ug/L	10.0	0.00	79.5	21-217				
1,1,2-Trichloroethane	11.6		ug/L	10.0	0.00	116	59-146				
1,1-Dichloroethane	10.3		ug/L	10.0	0.00	103	54-146				
1,1-Dichloroethylene	9.64		ug/L	10.0	0.00	96.4	44-165				
1,2,3-Trichlorobenzene	6.56		ug/L	10.0	0.00	65.6	40-161				
1,2,3-Trichloropropane	11.8		ug/L	10.0	0.00	118	74-127				
1,2,4-Trichlorobenzene	6.13		ug/L	10.0	0.00	61.3	41-161				
1,2,4-Trimethylbenzene	9.56		ug/L	10.0	0.00	95.6	72-129				
1,2-Dibromo-3-chloropropane	11.1		ug/L	10.0	0.00	111	31-151				
1,2-Dibromoethane	11.2		ug/L	10.0	0.00	112	75-125				
1,2-Dichlorobenzene	9.63		ug/L	10.0	0.00	96.3	63-122				
1,2-Dichloroethane	10.1		ug/L	10.0	0.00	101	68-131				
1,2-Dichloropropane	11.7		ug/L	10.0	0.00	117	77-121				
1,3,5-Trimethylbenzene	9.52		ug/L	10.0	0.00	95.2	69-126				
1,3-Dichlorobenzene	9.12		ug/L	10.0	0.00	91.2	74-119				
1,4-Dichlorobenzene	9.23		ug/L	10.0	0.00	92.3	70-124				
2-Butanone	9.65		ug/L	10.0	0.00	96.5	10-193				
2-Hexanone	11.5		ug/L	10.0	0.00	115	53-133				
4-Methyl-2-pentanone	12.4		ug/L	10.0	0.00	124	38-150				
Acetone	8.31		ug/L	10.0	0.720	75.9	13-149				
Acrolein	27.0		ug/L	40.0	0.00	67.4	10-195				
Acrylonitrile	11.0		ug/L	10.0	0.00	110	37-165				
Benzene	10.2		ug/L	10.0	0.00	102	38-155				
Bromochloromethane	10.3		ug/L	10.0	0.00	103	75-121				
Bromodichloromethane	11.8		ug/L	10.0	0.00	118	70-129				
Bromoform	9.56		ug/L	10.0	0.00	95.6	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 BE60547 - EPA 5030B											
Matrix Spike (BE60547-MS1)		*Source sample: 26E0163-05 (MW-14 (20260505))						Prepared: 05/09/2026 Analyzed: 05/10/2026			
Bromomethane	9.35		ug/L	10.0	0.00	93.5	30-158				
Carbon disulfide	8.40		ug/L	10.0	0.00	84.0	10-138				
Carbon tetrachloride	10.2		ug/L	10.0	0.00	102	71-146				
Chlorobenzene	10.5		ug/L	10.0	0.00	105	81-117				
Chloroethane	10.6		ug/L	10.0	0.00	106	51-145				
Chloroform	10.1		ug/L	10.0	0.00	101	80-124				
Chloromethane	2.86		ug/L	10.0	0.00	28.6	16-163				
cis-1,2-Dichloroethylene	9.80		ug/L	10.0	0.00	98.0	76-125				
cis-1,3-Dichloropropylene	11.2		ug/L	10.0	0.00	112	58-131				
Cyclohexane	9.02		ug/L	10.0	0.00	90.2	70-130				
Dibromochloromethane	11.3		ug/L	10.0	0.00	113	71-129				
Dibromomethane	11.4		ug/L	10.0	0.00	114	76-120				
Dichlorodifluoromethane	11.5		ug/L	10.0	0.00	115	30-147				
Ethyl Benzene	10.5		ug/L	10.0	0.00	105	72-128				
Hexachlorobutadiene	5.78		ug/L	10.0	0.00	57.8	34-166				
Isopropylbenzene	10.9		ug/L	10.0	0.00	109	66-139				
Methyl acetate	8.33		ug/L	10.0	0.00	83.3	10-200				
Methyl tert-butyl ether (MTBE)	8.89		ug/L	10.0	0.00	88.9	75-128				
Methylcyclohexane	7.12		ug/L	10.0	0.00	71.2	70-130				
Methylene chloride	9.61		ug/L	10.0	0.00	96.1	57-128				
n-Butylbenzene	7.08		ug/L	10.0	0.00	70.8	61-138				
n-Propylbenzene	9.79		ug/L	10.0	0.00	97.9	66-134				
o-Xylene	11.0		ug/L	10.0	0.00	110	69-126				
p- & m- Xylenes	20.8		ug/L	20.0	0.00	104	67-130				
p-Isopropyltoluene	7.27		ug/L	10.0	0.00	72.7	64-137				
sec-Butylbenzene	8.69		ug/L	10.0	0.00	86.9	53-155				
Styrene	10.6		ug/L	10.0	0.00	106	69-125				
tert-Butyl alcohol (TBA)	51.0		ug/L	50.0	0.00	102	10-130				
tert-Butylbenzene	9.92		ug/L	10.0	0.00	99.2	65-139				
Tetrachloroethylene	5.74		ug/L	10.0	0.00	57.4	64-139	Low Bias			
Toluene	11.1		ug/L	10.0	0.00	111	76-123				
trans-1,2-Dichloroethylene	9.21		ug/L	10.0	0.00	92.1	79-131				
trans-1,3-Dichloropropylene	10.6		ug/L	10.0	0.00	106	55-130				
trans-1,4-dichloro-2-butene	7.94		ug/L	10.0	0.00	79.4	25-155				
Trichloroethylene	10.3		ug/L	10.0	0.00	103	53-145				
Trichlorofluoromethane	9.69		ug/L	10.0	0.00	96.9	61-142				
Vinyl Chloride	9.63		ug/L	10.0	0.00	96.3	31-165				
Surrogate: SURR: 1,2-Dichloroethane-d4	9.28		ug/L	10.0		92.8	69-130				
Surrogate: SURR: Toluene-d8	10.5		ug/L	10.0		105	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.6		ug/L	10.0		106	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 BE60547 - EPA 5030B											
Matrix Spike Dup (BE60547-MSD1)						*Source sample: 26E0163-05 (MW-14 (20260505))					
						Prepared: 05/09/2026 Analyzed: 05/10/2026					
1,1,1,2-Tetrachloroethane	11.7		ug/L	10.0	0.00	117	45-161	High Bias	7.34	30	
1,1,1-Trichloroethane	11.0		ug/L	10.0	0.00	110	70-146		7.75	30	
1,1,2,2-Tetrachloroethane	12.5		ug/L	10.0	0.00	125	74-121		4.34	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.99		ug/L	10.0	0.00	89.9	21-217		12.3	30	
1,1,2-Trichloroethane	12.1		ug/L	10.0	0.00	121	59-146	High Bias	4.32	30	
1,1-Dichloroethane	11.0		ug/L	10.0	0.00	110	54-146		6.01	30	
1,1-Dichloroethylene	10.8		ug/L	10.0	0.00	108	44-165		11.4	30	
1,2,3-Trichlorobenzene	6.98		ug/L	10.0	0.00	69.8	40-161		6.20	30	
1,2,3-Trichloropropane	12.0		ug/L	10.0	0.00	120	74-127		1.09	30	
1,2,4-Trichlorobenzene	6.81		ug/L	10.0	0.00	68.1	41-161		10.5	30	
1,2,4-Trimethylbenzene	10.1		ug/L	10.0	0.00	101	72-129		5.69	30	
1,2-Dibromo-3-chloropropane	10.7		ug/L	10.0	0.00	107	31-151		4.03	30	
1,2-Dibromoethane	12.2		ug/L	10.0	0.00	122	75-125		9.31	30	
1,2-Dichlorobenzene	10.2		ug/L	10.0	0.00	102	63-122		5.94	30	
1,2-Dichloroethane	10.4		ug/L	10.0	0.00	104	68-131		2.92	30	
1,2-Dichloropropane	12.3		ug/L	10.0	0.00	123	77-121		4.85	30	
1,3,5-Trimethylbenzene	10.1		ug/L	10.0	0.00	101	69-126		5.91	30	
1,3-Dichlorobenzene	9.94		ug/L	10.0	0.00	99.4	74-119		8.60	30	
1,4-Dichlorobenzene	9.96		ug/L	10.0	0.00	99.6	70-124		7.61	30	
2-Butanone	10.2		ug/L	10.0	0.00	102	10-193		5.54	30	
2-Hexanone	12.5		ug/L	10.0	0.00	125	53-133		8.35	30	
4-Methyl-2-pentanone	12.7		ug/L	10.0	0.00	127	38-150		2.15	30	
Acetone	9.28		ug/L	10.0	0.720	85.6	13-149		11.0	30	
Acrolein	27.0		ug/L	40.0	0.00	67.5	10-195		0.111	30	
Acrylonitrile	12.2		ug/L	10.0	0.00	122	37-165		10.4	30	
Benzene	10.9		ug/L	10.0	0.00	109	38-155		6.65	30	
Bromochloromethane	10.9		ug/L	10.0	0.00	109	75-121		5.93	30	
Bromodichloromethane	12.2		ug/L	10.0	0.00	122	70-129		3.67	30	
Bromoform	10.1		ug/L	10.0	0.00	101	66-136		5.10	30	
Bromomethane	10.1		ug/L	10.0	0.00	101	30-158		7.42	30	
Carbon disulfide	9.25		ug/L	10.0	0.00	92.5	10-138		9.63	30	
Carbon tetrachloride	11.3		ug/L	10.0	0.00	113	71-146		10.4	30	
Chlorobenzene	11.0		ug/L	10.0	0.00	110	81-117		4.83	30	
Chloroethane	11.0		ug/L	10.0	0.00	110	51-145		3.69	30	
Chloroform	10.7		ug/L	10.0	0.00	107	80-124		6.17	30	
Chloromethane	4.57		ug/L	10.0	0.00	45.7	16-163		46.0	30	Non-dir.
cis-1,2-Dichloroethylene	10.8		ug/L	10.0	0.00	108	76-125		9.52	30	
cis-1,3-Dichloropropylene	11.8		ug/L	10.0	0.00	118	58-131		5.19	30	
Cyclohexane	9.88		ug/L	10.0	0.00	98.8	70-130		9.10	30	
Dibromochloromethane	11.8		ug/L	10.0	0.00	118	71-129		4.41	30	
Dibromomethane	11.8		ug/L	10.0	0.00	118	76-120		3.46	30	
Dichlorodifluoromethane	12.8		ug/L	10.0	0.00	128	30-147		11.0	30	
Ethyl Benzene	11.3		ug/L	10.0	0.00	113	72-128		6.79	30	
Hexachlorobutadiene	6.34		ug/L	10.0	0.00	63.4	34-166		9.24	30	
Isopropylbenzene	11.5		ug/L	10.0	0.00	115	66-139		5.19	30	
Methyl acetate	8.84		ug/L	10.0	0.00	88.4	10-200		5.94	30	
Methyl tert-butyl ether (MTBE)	9.55		ug/L	10.0	0.00	95.5	75-128		7.16	30	
Methylcyclohexane	8.00		ug/L	10.0	0.00	80.0	70-130		11.6	30	
Methylene chloride	10.3		ug/L	10.0	0.00	103	57-128		7.32	30	
n-Butylbenzene	7.73		ug/L	10.0	0.00	77.3	61-138		8.78	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 BE60547 - EPA 5030B											
Matrix Spike Dup (BE60547-MSD1)			*Source sample: 26E0163-05 (MW-14 (20260505))					Prepared: 05/09/2026 Analyzed: 05/10/2026			
n-Propylbenzene	10.3		ug/L	10.0	0.00	103	66-134	Low Bias	4.79	30	
o-Xylene	11.7		ug/L	10.0	0.00	117	69-126		6.34	30	
p- & m- Xylenes	22.4		ug/L	20.0	0.00	112	67-130		7.54	30	
p-Isopropyltoluene	7.68		ug/L	10.0	0.00	76.8	64-137		5.48	30	
sec-Butylbenzene	9.25		ug/L	10.0	0.00	92.5	53-155		6.24	30	
Styrene	11.5		ug/L	10.0	0.00	115	69-125		7.95	30	
tert-Butyl alcohol (TBA)	53.6		ug/L	50.0	0.00	107	10-130		4.99	30	
tert-Butylbenzene	10.4		ug/L	10.0	0.00	104	65-139		5.20	30	
Tetrachloroethylene	6.29		ug/L	10.0	0.00	62.9	64-139		9.14	30	
Toluene	11.9		ug/L	10.0	0.00	119	76-123		6.87	30	
trans-1,2-Dichloroethylene	10.3		ug/L	10.0	0.00	103	79-131		10.8	30	
trans-1,3-Dichloropropylene	11.1		ug/L	10.0	0.00	111	55-130		4.99	30	
trans-1,4-dichloro-2-butene	9.37		ug/L	10.0	0.00	93.7	25-155		16.5	30	
Trichloroethylene	11.1		ug/L	10.0	0.00	111	53-145		7.46	30	
Trichlorofluoromethane	10.9		ug/L	10.0	0.00	109	61-142		11.9	30	
Vinyl Chloride	10.5		ug/L	10.0	0.00	105	31-165		8.36	30	
Surrogate: SURRE: 1,2-Dichloroethane-d4	9.39		ug/L	10.0		93.9	69-130				
Surrogate: SURRE: Toluene-d8	10.6		ug/L	10.0		106	81-117				
Surrogate: SURRE: p-Bromofluorobenzene	10.6		ug/L	10.0		106	79-122				
Batch BE60583 - EPA 5030B											
Blank (BE60583-BLK1)			Prepared & Analyzed: 05/11/2026								
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								



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 BE60583 - EPA 5030B											
Blank (BE60583-BLK1)											
Prepared & Analyzed: 05/11/2026											
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	9.51		ug/L	10.0		95.1	69-130				
Surrogate: SURR: Toluene-d8	10.2		ug/L	10.0		102	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 BE60583 - EPA 5030B											
LCS (BE60583-BS1)						Prepared & Analyzed: 05/11/2026					
1,1,1,2-Tetrachloroethane	11.4		ug/L	10.0		114	82-126				
1,1,1-Trichloroethane	9.70		ug/L	10.0		97.0	78-136				
1,1,2,2-Tetrachloroethane	12.0		ug/L	10.0		120	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.29		ug/L	10.0		82.9	54-165				
1,1,2-Trichloroethane	11.9		ug/L	10.0		119	82-123				
1,1-Dichloroethane	10.4		ug/L	10.0		104	82-129				
1,1-Dichloroethylene	9.25		ug/L	10.0		92.5	68-138				
1,2,3-Trichlorobenzene	7.95		ug/L	10.0		79.5	76-136				
1,2,3-Trichloropropane	12.2		ug/L	10.0		122	77-128				
1,2,4-Trichlorobenzene	8.50		ug/L	10.0		85.0	76-137				
1,2,4-Trimethylbenzene	11.6		ug/L	10.0		116	82-132				
1,2-Dibromo-3-chloropropane	10.9		ug/L	10.0		109	45-147				
1,2-Dibromoethane	11.7		ug/L	10.0		117	83-124				
1,2-Dichlorobenzene	10.8		ug/L	10.0		108	79-123				
1,2-Dichloroethane	10.2		ug/L	10.0		102	73-132				
1,2-Dichloropropane	11.7		ug/L	10.0		117	78-126				
1,3,5-Trimethylbenzene	11.4		ug/L	10.0		114	80-131				
1,3-Dichlorobenzene	11.1		ug/L	10.0		111	86-122				
1,4-Dichlorobenzene	11.4		ug/L	10.0		114	85-124				
2-Butanone	11.3		ug/L	10.0		113	49-152				
2-Hexanone	11.9		ug/L	10.0		119	51-146				
4-Methyl-2-pentanone	12.7		ug/L	10.0		127	57-145				
Acetone	9.36		ug/L	10.0		93.6	14-150				
Acrolein	30.6		ug/L	40.0		76.5	10-153				
Acrylonitrile	12.4		ug/L	10.0		124	51-150				
Benzene	10.2		ug/L	10.0		102	85-126				
Bromochloromethane	10.7		ug/L	10.0		107	77-128				
Bromodichloromethane	11.9		ug/L	10.0		119	79-128				
Bromoform	10.3		ug/L	10.0		103	78-133				
Bromomethane	9.80		ug/L	10.0		98.0	43-168				
Carbon disulfide	9.34		ug/L	10.0		93.4	68-146				
Carbon tetrachloride	9.44		ug/L	10.0		94.4	77-141				
Chlorobenzene	11.2		ug/L	10.0		112	88-120				
Chloroethane	10.0		ug/L	10.0		100	65-136				
Chloroform	9.92		ug/L	10.0		99.2	82-128				
Chloromethane	10.7		ug/L	10.0		107	43-155				
cis-1,2-Dichloroethylene	10.7		ug/L	10.0		107	83-129				
cis-1,3-Dichloropropylene	12.7		ug/L	10.0		127	80-131				
Cyclohexane	8.39		ug/L	10.0		83.9	63-149				
Dibromochloromethane	11.5		ug/L	10.0		115	80-130				
Dibromomethane	12.0		ug/L	10.0		120	72-134				
Dichlorodifluoromethane	9.48		ug/L	10.0		94.8	44-144				
Ethyl Benzene	11.5		ug/L	10.0		115	80-131				
Hexachlorobutadiene	8.81		ug/L	10.0		88.1	67-146				
Isopropylbenzene	12.2		ug/L	10.0		122	76-140				
Methyl acetate	9.69		ug/L	10.0		96.9	51-139				
Methyl tert-butyl ether (MTBE)	9.66		ug/L	10.0		96.6	76-135				
Methylcyclohexane	8.37		ug/L	10.0		83.7	72-143				
Methylene chloride	10.3		ug/L	10.0		103	55-137				
n-Butylbenzene	10.3		ug/L	10.0		103	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 BE60583 - EPA 5030B											
LCS (BE60583-BS1)						Prepared & Analyzed: 05/11/2026					
n-Propylbenzene	11.7		ug/L	10.0		117	78-133	Low Bias			
o-Xylene	11.9		ug/L	10.0		119	78-130				
p- & m- Xylenes	23.4		ug/L	20.0		117	77-133				
p-Isopropyltoluene	9.57		ug/L	10.0		95.7	81-136				
sec-Butylbenzene	10.6		ug/L	10.0		106	79-137				
Styrene	12.0		ug/L	10.0		120	67-132				
tert-Butyl alcohol (TBA)	46.9		ug/L	50.0		93.8	25-162				
tert-Butylbenzene	11.0		ug/L	10.0		110	77-138				
Tetrachloroethylene	6.59		ug/L	10.0		65.9	82-131				
Toluene	11.5		ug/L	10.0		115	80-127				
trans-1,2-Dichloroethylene	10.0		ug/L	10.0		100	80-132				
trans-1,3-Dichloropropylene	12.1		ug/L	10.0		121	78-131				
trans-1,4-dichloro-2-butene	10.8		ug/L	10.0		108	63-141				
Trichloroethylene	10.9		ug/L	10.0		109	82-128				
Trichlorofluoromethane	8.49		ug/L	10.0		84.9	67-139				
Vinyl Chloride	8.73		ug/L	10.0		87.3	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	9.19		ug/L	10.0		91.9	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				
LCS Dup (BE60583-BS1)						Prepared & Analyzed: 05/11/2026					
1,1,1,2-Tetrachloroethane	11.2		ug/L	10.0		112	82-126		2.21	30	
1,1,1-Trichloroethane	9.15		ug/L	10.0		91.5	78-136		5.84	30	
1,1,2,2-Tetrachloroethane	12.4		ug/L	10.0		124	76-129		2.94	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.00		ug/L	10.0		80.0	54-165		3.56	30	
1,1,2-Trichloroethane	11.6		ug/L	10.0		116	82-123		2.72	30	
1,1-Dichloroethane	9.91		ug/L	10.0		99.1	82-129		5.21	30	
1,1-Dichloroethylene	8.88		ug/L	10.0		88.8	68-138		4.08	30	
1,2,3-Trichlorobenzene	8.52		ug/L	10.0		85.2	76-136		6.92	30	
1,2,3-Trichloropropane	12.3		ug/L	10.0		123	77-128		1.06	30	
1,2,4-Trichlorobenzene	8.70		ug/L	10.0		87.0	76-137		2.33	30	
1,2,4-Trimethylbenzene	11.9		ug/L	10.0		119	82-132		2.04	30	
1,2-Dibromo-3-chloropropane	11.4		ug/L	10.0		114	45-147		4.03	30	
1,2-Dibromoethane	11.5		ug/L	10.0		115	83-124		1.80	30	
1,2-Dichlorobenzene	10.8		ug/L	10.0		108	79-123		0.277	30	
1,2-Dichloroethane	10.1		ug/L	10.0		101	73-132		0.791	30	
1,2-Dichloropropane	11.2		ug/L	10.0		112	78-126		4.19	30	
1,3,5-Trimethylbenzene	11.2		ug/L	10.0		112	80-131		1.24	30	
1,3-Dichlorobenzene	11.3		ug/L	10.0		113	86-122		1.69	30	
1,4-Dichlorobenzene	11.2		ug/L	10.0		112	85-124		1.86	30	
2-Butanone	9.91		ug/L	10.0		99.1	49-152		13.1	30	
2-Hexanone	12.2		ug/L	10.0		122	51-146		2.56	30	
4-Methyl-2-pentanone	12.9		ug/L	10.0		129	57-145		1.41	30	
Acetone	9.02		ug/L	10.0		90.2	14-150		3.70	30	
Acrolein	31.4		ug/L	40.0		78.4	10-153		2.52	30	
Acrylonitrile	12.6		ug/L	10.0		126	51-150		1.44	30	
Benzene	9.90		ug/L	10.0		99.0	85-126		3.38	30	
Bromochloromethane	10.6		ug/L	10.0		106	77-128		1.69	30	
Bromodichloromethane	11.4		ug/L	10.0		114	79-128		4.31	30	
Bromoform	10.4		ug/L	10.0		104	78-133		0.873	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 BE60583 - EPA 5030B											
LCS Dup (BE60583-BSD1)						Prepared & Analyzed: 05/11/2026					
Bromomethane	10.0		ug/L	10.0		100	43-168		2.12	30	
Carbon disulfide	8.70		ug/L	10.0		87.0	68-146		7.10	30	
Carbon tetrachloride	8.92		ug/L	10.0		89.2	77-141		5.66	30	
Chlorobenzene	11.1		ug/L	10.0		111	88-120		0.987	30	
Chloroethane	9.53		ug/L	10.0		95.3	65-136		5.21	30	
Chloroform	9.78		ug/L	10.0		97.8	82-128		1.42	30	
Chloromethane	10.3		ug/L	10.0		103	43-155		4.19	30	
cis-1,2-Dichloroethylene	10.4		ug/L	10.0		104	83-129		2.47	30	
cis-1,3-Dichloropropylene	12.5		ug/L	10.0		125	80-131		1.19	30	
Cyclohexane	8.06		ug/L	10.0		80.6	63-149		4.01	30	
Dibromochloromethane	11.5		ug/L	10.0		115	80-130		0.0867	30	
Dibromomethane	11.7		ug/L	10.0		117	72-134		2.37	30	
Dichlorodifluoromethane	6.84		ug/L	10.0		68.4	44-144		32.4	30	Non-dir.
Ethyl Benzene	11.2		ug/L	10.0		112	80-131		2.29	30	
Hexachlorobutadiene	8.77		ug/L	10.0		87.7	67-146		0.455	30	
Isopropylbenzene	11.9		ug/L	10.0		119	76-140		2.33	30	
Methyl acetate	9.30		ug/L	10.0		93.0	51-139		4.11	30	
Methyl tert-butyl ether (MTBE)	9.36		ug/L	10.0		93.6	76-135		3.15	30	
Methylcyclohexane	8.53		ug/L	10.0		85.3	72-143		1.89	30	
Methylene chloride	9.89		ug/L	10.0		98.9	55-137		3.77	30	
n-Butylbenzene	10.2		ug/L	10.0		102	79-132		0.681	30	
n-Propylbenzene	11.6		ug/L	10.0		116	78-133		1.20	30	
o-Xylene	11.8		ug/L	10.0		118	78-130		0.337	30	
p- & m- Xylenes	23.0		ug/L	20.0		115	77-133		1.90	30	
p-Isopropyltoluene	9.67		ug/L	10.0		96.7	81-136		1.04	30	
sec-Butylbenzene	10.6		ug/L	10.0		106	79-137		0.00	30	
Styrene	11.9		ug/L	10.0		119	67-132		0.840	30	
tert-Butyl alcohol (TBA)	48.9		ug/L	50.0		97.8	25-162		4.13	30	
tert-Butylbenzene	11.1		ug/L	10.0		111	77-138		0.361	30	
Tetrachloroethylene	6.38		ug/L	10.0		63.8	82-131	Low Bias	3.24	30	
Toluene	11.3		ug/L	10.0		113	80-127		1.66	30	
trans-1,2-Dichloroethylene	9.80		ug/L	10.0		98.0	80-132		2.32	30	
trans-1,3-Dichloropropylene	12.0		ug/L	10.0		120	78-131		0.828	30	
trans-1,4-dichloro-2-butene	11.4		ug/L	10.0		114	63-141		5.58	30	
Trichloroethylene	10.6		ug/L	10.0		106	82-128		2.61	30	
Trichlorofluoromethane	8.19		ug/L	10.0		81.9	67-139		3.60	30	
Vinyl Chloride	8.41		ug/L	10.0		84.1	58-145		3.73	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	9.32		ug/L	10.0		93.2	69-130				
Surrogate: SURR: Toluene-d8	10.6		ug/L	10.0		106	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.8		ug/L	10.0		108	79-122				



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
26E0163-01	MW-9 (20260505)	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
26E0163-02	MW-10 (20260505)	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
26E0163-03	MW-11R (20260505)	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
26E0163-04	MW-13R (20260505)	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
26E0163-05	MW-14 (20260505)	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
26E0163-06	MW-15 (20260505)	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
26E0163-07	FB (20260505)	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
26E0163-08	TB (20260505)	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Sample and Data Qualifiers Relating to This Work Order

Λ	Analyte is not certified but the state of sample origination offer certification for the Analyte
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.

CLP Flags

B	Blank Contamination. The analyte was also detected in the method blank.
D	Diluted sample result. The sample was diluted before analysis.
E	Exceeds Calibration range. Result is above the instruments' linear calibration range.
H	Holding time exceeded. The sample was analyzed after the recommended/required holding time.
J	Estimated Value. Result is above the Method Detection Limit (MDL) but below the Reporting Limit (RL).
N	Tentatively Identified Compound (TIC). The compound is presumptively identified but not confirmed with a standard.
P	Poor Precision / duplicate variance. Indicates poor agreement between duplicates (e.g. matrix spike duplicates or lab duplicates).
U	Not Detected. Analyte not detected above laboratory's established reporting limit.

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.



USA
environmental

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 89th 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

ALS Project Number

26E0163

Page 1 of 1

Report To:		Invoice To:		YOUR Project Name / Number		Samples Collected From		Turn-Around Time	
Company: HydroTech Environmental		Company: SAME		2300 51 - 170 Freeman Street, Brooklyn		☒ NY ☒ CT ☐ NJ ☐ PA		RUSH - Next Day RUSH - Two Day RUSH - Three Day RUSH - Four Day RUSH - Five Day Standard (6-9 Day) PFAS Standard 7-10 Day	
Address: 231 West 25th Street New York, NY		Address: SAME		PO Number 53262		Analyses Requested		Report Type (circle) ☒ QA Report ☐ Summary (Results Only) ☐ NY ASP B Package NJ Reduced NJ DKQP NJ Full CT RCP	
Phone: 631-241-7365		Phone: SAME							
Contact: Paul Rath		Contact: SAME							
E-mail: paul.rath@hydrotechenvironmental.com		E-mail: SAME							
Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by ALS are resolved.		Matrix Codes		Preservative (please list number of containers)					
		S - soil/solid/sludge GW - groundwater DW - drinking water SW - surface water WW - wastewater O - Oil Other		Unpreserved HCl (hydrochloric acid) MeOH (methanol) HNO ₃ (nitric acid) H ₂ SO ₄ (sulfuric acid) NaOH (sodium hydroxide) Na ₂ S ₂ O ₃ (sodium thio) Trizma Ammonium Acetate Other:					
Samples Collected by: (print AND sign your name)									
Sample Identification	Date	Time	Matrix						
FW-3 (20260505)	05/05/2026	10:35 AM	GW						
FW-10 (20260505)		10:30 AM	GW						
FW-11R (20260505)		10:20 AM	GW						
FW-13R (20260505)		3:35 PM							
FW-14 (NS/NSB (20260505))		9:05 AM							
FW-15 (20260505)		12:00 PM							
FB (20260505)		12:05 PM	DT						
TB (20260505)		12:05 PM	DT						

Comments:				Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N			
				Custody Seals: Y / N Containers Intact: Y / N COC 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			
Samples iced/cooled at time of lab pickup: Yes or No							
Samples Relinquished by / Company		Date/Time		1. Samples Received by / Company		Date/Time	
Marie Rose Farah		05/05/2026		[Signature]		05/05/2026 12:50	
Samples Relinquished by / Company		Date/Time		3. Samples Relinquished by / Company		Date/Time	
[Signature]		5/5/26 13:29		[Signature]		5/5/26 19:11	
Samples Relinquished by / Company		Date/Time		4. Samples Received by / Company		Date/Time	
[Signature]		5/5/26 20:49		[Signature]		5/5/26 20:49	
				Samples Received in LAB by: [Signature] Date/Time: 5/5/26 20:49 Thermometer ID: 004 Temperature: 4.1/39 Degrees C			

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, NY, 10001

**EPA Method 8260D – Volatile Organic Compounds by GC/MS for
Groundwater Matrix**

Client Project ID: 230051 – 170 Freeman Street, Brooklyn

Project (SDG) No.: 26E0163

Prepared by:

Dr. Mohammed Al-Qinna / QAQC

Date: 23 June 2026

Sincerely Yours

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

CERTIFICATION STATEMENT

I certify that this Data Usability Summary Report has been prepared through independent technical review of the laboratory analytical package associated with SDG 26E0163. The review was performed in accordance with applicable USEPA National Functional Guidelines, NYSDEC Analytical Services Protocol requirements, EPA analytical methods, and accepted environmental data validation practices.

The conclusions presented herein represent the professional judgment of the validator based upon review of the complete analytical package and supporting quality control documentation.

Validator Signature: 

Date: 23 June 2026

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EXECUTIVE SUMMARY

A comprehensive third-party validation review was performed on the analytical data package generated by ALS Environmental – Stratford for Site Delivery Group (SDG) 26E0163. The review was conducted in accordance with the United States Environmental Protection Agency (USEPA) National Functional Guidelines, the New York State Department of Environmental Conservation (NYSDEC) Analytical Services Protocol (ASP), EPA Method 8260D requirements, EPA Method 5030B requirements, and applicable ALS Environmental laboratory quality assurance procedures.

The analytical package consisted of groundwater samples collected on 05 May 2026 and analyzed for volatile organic compounds (VOCs) using EPA Method 8260D. The review included evaluation of sample receipt conditions, chain-of-custody documentation, holding times, preservation requirements, calibration performance, instrument tuning, blank contamination control, surrogate recoveries, internal standard performance, matrix spike recoveries, laboratory control sample performance, compound identification, and quantitation procedures.

All samples were received in acceptable condition with intact custody seals and cooler temperatures of 3.9°C and 4.9°C. Preservation requirements were met and all samples were analyzed within the required 14-day holding time. Instrument performance checks, calibration requirements, laboratory blanks, surrogate recoveries, and internal standards demonstrated acceptable performance throughout the analytical sequence. A review of the field and trip blank results identified the presence of Chloroform in the Field Blank and Acetone in the Trip Blank. These detections were evaluated during validation to assess potential impacts on associated groundwater sample results. The observed detections were limited in scope and did not indicate widespread contamination or systemic analytical deficiencies.

Minor compound-specific quality control exceptions were identified for Acrolein, 1,2,3-Trichlorobenzene, Tetrachloroethylene, 1,1,2,2-Tetrachloroethane, 1,2-Dichloropropane, and Chloromethane. In addition, Chloroform was detected in the associated Field Blank and Acetone was detected in the associated Trip Blank. These observations were evaluated as part of the validation review and were determined to be limited in scope. The identified quality control issues do not indicate systemic analytical problems and do not materially affect interpretation of the groundwater VOC dataset.

Based upon the comprehensive validation review, including evaluation of calibration performance, instrument tuning, blank contamination, surrogate recoveries, internal standard performance, matrix spike recoveries, laboratory control sample performance, and target compound identification, the analytical data generated for SDG 26E0163 are considered suitable for their intended use.

Although limited blank contamination was observed for Chloroform in the Field Blank and Acetone in the Trip Blank, these issues do not materially affect the overall usability of the dataset. The analytical results are suitable for environmental assessment, site characterization, regulatory reporting, remedial evaluation, and project decision-making

DATA VALIDATION ACRONYMS

Acronym	Definition
ASP	Analytical Services Protocol
BFB	Bromofluorobenzene
COC	Chain-of-Custody
CCV	Continuing Calibration Verification
DUSR	Data Usability Summary Report
FB	Field Blank
GC/MS	Gas Chromatography/Mass Spectrometry
ICV	Independent Calibration Verification
ICAL	Initial Calibration
IS	Internal Standard
LCSD	Laboratory Control Sample Duplicate
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
NYSDEC	New York State Department of Environmental Conservation
QC	Quality Control
QA	Quality Assurance
RPD	Relative Percent Difference
RL	Reporting Limit
SCV	Second Source Calibration Verification
SDG	Site Delivery Group
SOP	Standard Operating Procedure
TB	Trip Blank
USEPA	United States Environmental Protection Agency
VOC	Volatile Organic Compound

DATA VALIDATION QUALIFIERS USED IN THE QA/QC REVIEW

Qualifier	Definition
U	Compound analyzed but not detected at or above the reporting limit
J	Estimated concentration
UJ	Non-detect; reporting limit estimated
B	Compound detected in associated blank
NJ	Tentatively identified compound; estimated concentration
R	Rejected result; unusable for intended purpose

1.0 DATA USABILITY SUMMARY REPORT

1.1 Project Overview

Hydro Tech Environmental submitted groundwater samples associated with Project 230051 – 170 Freeman Street, Brooklyn for analysis of volatile organic compounds (VOCs). ALS Environmental – Stratford performed the analyses using EPA Method 8260D following sample preparation under EPA Method 5030B.

The purpose of this validation review was to evaluate the analytical package and determine whether the generated data are suitable for their intended environmental and regulatory use.

1.2 Scope of Validation Review

The validation review included examination of:

- Sample receipt conditions;
- Chain-of-custody documentation;
- Preservation requirements;
- Holding time compliance;
- Initial Calibration (ICAL);
- Independent/Second Source Calibration Verification (ICV/SCV);
- Continuing Calibration Verification (CCV);
- Method Blank performance;
- Field Blank performance;
- Trip Blank performance;
- Internal Standard performance;
- Surrogate recoveries;
- Matrix Spike/Matrix Spike Duplicate performance;
- Laboratory Control Sample/Laboratory Control Sample Duplicate performance;
- GC/MS tune performance;
- Compound identification;
- Quantitation procedures;
- Laboratory corrective actions and qualifiers.

1.3 Laboratory Package Overview

The laboratory package consisted of a complete ASP deliverable containing approximately 309 pages of analytical documentation and supporting quality control records.

The package included:

- Case Narrative;
- Sample Receipt Documentation;
- Chain-of-Custody Records;
- Analytical Results;
- Calibration Documentation;
- Method Blank Results;
- Field Blank Results;
- Trip Blank Results;
- LCS/LCSD Results;
- Matrix Spike Results;
- Surrogate Summaries;
- Internal Standard Summaries;
- BFB Tune Reports;
- Preservation Records;
- Holding Time Documentation.

The package was considered complete for validation purposes.

1.4 Analytical Methods Reviewed

The methods are appropriate for analysis of groundwater VOCs and are consistent with project objectives.

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

1.5 Sample Receipt and Chain-of-Custody Review

Chain-of-custody records were complete and demonstrated continuous custody from collection through laboratory receipt. No custody discrepancies were identified.

Parameter	Result
Receipt Date	05-May-2026
Receipt Time	20:49
Number of Samples Received	8
Cooler Temperature #1	3.9°C
Cooler Temperature #2	4.9°C
Custody Seals	Intact
Temperature Blank Present	Yes
Sample Condition Upon Receipt	Acceptable
Custody Documentation	Complete

1.6 Sample Summary and Matrix Identification

The following samples were reviewed.

Sample ID	Laboratory ID	Matrix
MW-9	26E0163-01	Groundwater
MW-10	26E0163-02	Groundwater
MW-11R	26E0163-03	Groundwater
MW-13R	26E0163-04	Groundwater
MW-14	26E0163-05	Groundwater
MW-15	26E0163-06	Groundwater
FB	26E0163-07	Water
TB	26E0163-08	Water

1.7 Summary of Analytical Results

The analytical package demonstrated acceptable overall performance for groundwater VOC analysis. Key observations include:

- Holding times met;
- Preservation requirements met;
- Acceptable instrument tuning;
- Acceptable calibration performance;
- Acceptable laboratory blank performance with limited detections observed in the associated Field Blank and Trip Blank;
- Acceptable surrogate recoveries;

- Acceptable internal standard performance;
- Acceptable LCS/LCSD performance;
- Acceptable matrix performance with minor compound-specific exceptions.

The analytical results are considered technically defensible and representative of site conditions.

Groundwater samples MW-9, MW-10, MW-11R, MW-13R, MW-14, MW-15, Field Blank (FB), and Trip Blank (TB) were analyzed for VOCs by EPA Method 8260D. Detected target compounds included:

Sample	Compound	Concentration (µg/L)
MW-9	trans-1,2-Dichloroethylene	24.4
MW-9	Trichloroethylene	0.630
MW-9	Vinyl Chloride	2.49
MW-10	Chloroform	17.0
MW-10	Bromodichloromethane	1.54
MW-11R	cis-1,2-Dichloroethylene	4.95
MW-11R	Acetone	1.65 J
FB	Chloroform	20.6
TB	Acetone	3.11

All remaining target analytes were reported as non-detect.

1.8 Summary of Data Qualifications

The validation review identified limited analyte-specific quality control exceptions associated with calibration verification, matrix spike performance, blank contamination observations, and analytical precision. No analytes require rejection. The following analytes may require estimated qualification:

Compound	Qualification Basis
Acrolein	SCV and CCV Exceedances
1,2,3-Trichlorobenzene	CCV Exceedance
Tetrachloroethylene	Low Matrix Spike Recovery
1,1,2,2-Tetrachloroethane	High MSD Recovery
1,2-Dichloropropane	High MSD Recovery
Chloromethane	MS/MSD Precision Exceedance
Chloroform (MW-10 only)	Field Blank Detection
Acetone (MW-11R only)	Trip Blank Detection

All remaining target VOC analytes demonstrated acceptable analytical performance and do not require qualification.

1.9 Overall Data Usability Determination

The comprehensive review of sample receipt documentation, preservation requirements, holding times, calibration performance, instrument tuning, blank contamination control, surrogate recoveries, internal standard performance, matrix spike evaluations, laboratory control sample performance, target compound identification, and quantitation procedures indicates that the analytical data satisfy project quality objectives and are suitable for their intended use.

Limited analyte-specific quality control exceptions were identified for Acrolein, 1,2,3-Trichlorobenzene, Tetrachloroethylene, 1,1,2,2-Tetrachloroethane, 1,2-Dichloropropane, Chloromethane, Chloroform, and Acetone. These observations were evaluated during the validation review and were determined to be limited in scope, not indicative of systemic analytical deficiencies, and not significant enough to affect overall data usability.

The analytical data are considered VALID FOR INTENDED USE. The dataset is suitable for environmental interpretation, groundwater assessment, regulatory reporting, remedial evaluation, and project decision-making.

2.0 SUMMARY OF DATA VALIDATION FINDINGS

2.1 Sample Receipt, Preservation, and Custody

Review of sample receipt documentation, cooler receipt forms, preservation records, and chain-of-custody documentation demonstrated compliance with project and method requirements.

Samples were received by ALS Environmental on 05 May 2026 at 20:49 under intact custody conditions. Cooler temperatures were documented at 3.9°C and 4.9°C, both within the required acceptance criterion of $\leq 6^{\circ}\text{C}$. No broken containers, evidence of leakage, custody discrepancies, or receipt anomalies were identified.

Preservation records indicated that all samples were preserved using hydrochloric acid and maintained at pH less than 2, consistent with EPA Method 8260D requirements.

The chain-of-custody documentation was complete and demonstrated continuous custody from collection through laboratory receipt and analysis.

Evaluation Item	Result
Sample Receipt	Acceptable
Cooler Temperature	Acceptable
Preservation	Acceptable
Chain-of-Custody	Acceptable
Qualification Required	No

2.2 Holding Time Evaluation

Groundwater samples analyzed under EPA Method 8260D are subject to a maximum holding time of fourteen (14) days from collection to analysis. Review of collection dates, preparation records, and analytical dates demonstrated that all samples were collected on 05-May-2026, prepared between 07-May-2026 and 09-May-2026, and analyzed on 09-May-2026. Therefore, all samples were prepared within 2–4 days of collection and analyzed within 4 days of collection, well within the EPA Method 8260D maximum holding time requirement of 14 days.

Evaluation Item	Result
Holding Time Requirement	14 Days
Maximum Holding Time Observed	4 Days
Exceedances Identified	None
Qualification Required	No

2.3 Analytical Method Performance Review

Analytical performance was evaluated through review of:

- Initial Calibration;
- Independent Calibration Verification;
- Continuing Calibration Verification;
- Laboratory Control Samples;
- Matrix Spike Samples;
- Internal Standards;
- Surrogate Recoveries;
- Instrument Tune Performance.

The analytical system demonstrated acceptable performance throughout the analytical sequence and remained under statistical control.

Minor compound-specific quality control exceptions were identified but did not indicate systemic analytical failure.

Evaluation Item	Result
Analytical System Control	Acceptable
Method Performance	Acceptable
Significant Deficiencies	None

2.4 GC/MS Instrument Tune and Mass Calibration

Three Bromofluorobenzene (BFB) Instrument Performance Checks were reviewed for VOA Instrument No. 8. The tune sequences reviewed were:

Sequence	Lab File	Date	Status
S6E0801	V8-012697.D	05-May-2026	Pass
S6E0904	V8-012826.D	09-May-2026	Pass
S6E1115	V8-012849.D	09-May-2026	Pass

All required ion abundance criteria specified under EPA Method 8260D were met. No mass assignment errors, detector instability, or tune failures were identified. Instrument performance was acceptable throughout the analytical sequence.

2.5 Initial Calibration Evaluation (ICAL)

The Initial Calibration (Calibration ID SE60011) was performed on VOA Instrument No. 8 on 05-May-2026 using a six-point calibration sequence. Response factors were evaluated across the calibration range and demonstrated acceptable instrument sensitivity and calibration performance for target VOC analytes.

Calibration Parameter	Value
Calibration ID	SE60011
Instrument	VOA No. 8
Calibration Date	05-May-2026
Calibration Levels	6
Calibration Status	Acceptable

Review of calibration data demonstrated acceptable instrument sensitivity, response factor stability, and calibration performance. The calibration was completed prior to sample analysis and supported quantitation of all target analytes. No Initial Calibration deficiencies were identified.

Evaluation Item	Result
Initial Calibration	Acceptable
Calibration Coverage	Complete
Qualification Required	No

2.6 Second Source Calibration Verification (ICV/SCV)

Independent calibration verification was evaluated through review of the Second Source Calibration Verification standard. Review of the Second Source Calibration Verification (SCV) demonstrated acceptable agreement between the independent verification standard and the initial calibration for all target analytes except Acrolein. Acrolein exhibited a percent difference of -34.7%, exceeding the laboratory acceptance criterion of $\pm 30\%$. This was the only SCV exceedance identified and does not indicate broader calibration instability. Potential qualification of Acrolein results is discussed in Section 3.1.

Compound	Observation
Acrolein	SCV Exceedance (-34.7%)

2.7 Continuing Calibration Verification (CCV)

Continuing Calibration Verification standards were reviewed to assess calibration stability throughout sample analysis. The majority of analytes met acceptance criteria. Two compounds exceeded acceptance limits, The exceedances were isolated and do not indicate widespread calibration instability.

Compound	Observation
Acrolein	-24.8% Drift
1,2,3-Trichlorobenzene	-22.1% Drift

Validation Assessment

Evaluation Item	Result
Calibration Stability	Acceptable
Significant Drift	No
Compound-Specific Exceptions	Yes

2.8 Method Blank Evaluation

Method Blank BE60583-BLK1 was reviewed to evaluate laboratory-introduced contamination. No target VOCs were detected above reporting limits in the method blank. Review of chromatographic documentation and associated blank forms did not identify evidence of laboratory contamination that would adversely affect project samples.

The Validation Assessment indicates that:

- Method Blank performance acceptable.
- No sample qualifications required.
- No evidence of laboratory carryover or preparation contamination.

Method Blank results satisfy NYSDEC ASP and EPA Method 8260D requirements. Analytical results are acceptable with no qualifications assigned on the basis of method blank performance.

2.9 Field Blank Evaluation

Field Blank FB (26E0163-07) was evaluated to assess contamination potentially introduced during field sampling activities, sample handling, transport, or ambient environmental exposure. Review of analytical results identified Chloroform at a concentration of 20.6 µg/L in the Field Blank. Comparison of groundwater sample results showed:

Sample	Chloroform (µg/L)
MW-10	17.0
FB	20.6
MW-9	ND
MW-11R	ND
MW-13R	ND
MW-14	ND
MW-15	ND

The presence of Chloroform in the Field Blank at a concentration greater than the associated groundwater sample concentration suggests the possibility that the MW-10 Chloroform detection may be influenced by field-related contamination. No other chlorinated VOCs exhibited a similar pattern of occurrence.

The Validation Assessment shows:

- Chloroform detected in Field Blank.
- Chloroform detected in MW-10 at a concentration lower than the blank concentration.
- Potential field-related contamination cannot be excluded.

Compound	Sample	Qualification
Chloroform	MW-10	J

The MW-10 Chloroform detection is considered estimated due to potential blank-associated contamination but remains usable for environmental interpretation.

2.10 Trip Blank Evaluation

Trip Blank TB (26E0163-08) was evaluated to assess contamination associated with sample transport and storage. Acetone was detected in the Trip Blank at 3.11 µg/L. Comparison with project samples identified:

Sample	Acetone (µg/L)
MW-11R	1.65 J
TB	3.11

The Trip Blank concentration exceeded the groundwater sample concentration. Acetone is a common laboratory and environmental artifact frequently associated with ambient sources and handling contamination.

The Validation Assessment shows:

- Acetone detected in Trip Blank.
- Acetone detected in MW-11R below blank concentration.
- Potential transport-related contribution cannot be excluded.

No additional qualification required beyond the laboratory-reported J flag. The reported Acetone concentration in MW-11R remains usable as an estimated value.

2.11 Internal Standard Performance

Internal standard area responses and retention times were reviewed for all standards, blanks, QC samples, and environmental samples. All internal standard responses remained within laboratory acceptance limits. Retention time stability was excellent and no matrix-related suppression or enhancement effects were observed.

Evaluation Item	Result
Area Counts	Acceptable
Retention Times	Acceptable
Qualification Required	No

2.12 Surrogate Recovery Evaluation

Surrogate recoveries were reviewed for all environmental samples and associated quality control samples. Representative surrogate recoveries included:

Surrogate Compound	Recovery Range (%)	Control Limits (%)
1,2-Dichloroethane-d4	92–100	69–130
Toluene-d8	102–103	81–117
p-Bromofluorobenzene	99–107	79–122

All surrogate recoveries were within laboratory-established control limits. No evidence of extraction inefficiency, purge-and-trap problems, matrix interference, or analytical instability was identified.

2.13 Matrix Spike / Matrix Spike Duplicate Evaluation

Matrix Spike and Matrix Spike Duplicate data were reviewed using sample MW-14 as the parent matrix. Most analytes satisfied recovery and precision criteria. Four compounds exhibited isolated recovery or precision exceedances. These deficiencies were compound-specific and do not indicate widespread matrix interference.

Compound	Observation
Tetrachloroethylene	Low MS Recovery
1,1,2,2-Tetrachloroethane	High MSD Recovery
1,2-Dichloropropane	High MSD Recovery
Chloromethane	RPD Exceedance

2.14 Laboratory Control Sample (LCS) / Laboratory Control Sample Duplicate (LCSD) Evaluation

LCS and LCSD recoveries demonstrated acceptable analytical accuracy and precision.

Evaluation Item	Result
Accuracy	Acceptable
Precision	Acceptable
Qualification Required	No

All reviewed LCS and LCSD recoveries were within laboratory-established acceptance limits. No qualification of project samples is required based upon LCS/LCSD performance.

Compound	Recovery (%)	QC Limits (%)
Benzene	97.5	85–126
Acrolein	71.6	10–153
1,2,3-Trichlorobenzene	80.4	76–136
1,2-Dichloropropane	111	78–126
Tetrachloroethylene	Within Limits	Acceptable

2.15 Target Compound Identification

Target compound identification was supported by:

- Acceptable instrument tune performance;
- Stable retention times;
- Acceptable internal standard performance;
- Acceptable calibration performance.

Review of the environmental sample results identified Chloroform in sample MW-10 at 17.0 µg/L and Acetone in sample MW-11R at 1.65 µg/L (J-qualified). Because Chloroform was detected in the associated Field Blank and Acetone was detected in the associated Trip Blank, these analytes were further evaluated during the blank contamination review and qualification assessment.

2.16 Quantitation Review

Quantitation procedures were evaluated through review of calibration performance, reporting limits, internal standard stability, and surrogate recoveries. Reported concentrations are supported by acceptable analytical performance and are considered technically defensible. Reporting limits were appropriate for groundwater VOC investigations.

Evaluation Item	Result
Quantitation	Acceptable
Reporting Limits	Appropriate
Qualification Required	No

2.17 Laboratory Qualifiers and Corrective Actions

The identified QC deficiencies and qualification considerations were limited to:

- Acrolein
- 1,2,3-Trichlorobenzene
- Tetrachloroethylene
- 1,1,2,2-Tetrachloroethane
- 1,2-Dichloropropane
- Chloromethane
- Chloroform
- Acetone

These issues are isolated, analyte-specific, and do not materially affect the usability of the overall analytical dataset. No corrective actions indicating batch failure, instrument malfunction, reanalysis requirements, or data rejection were identified.

Conclusion

The validation review demonstrates acceptable analytical performance for SDG 26E0163. Minor compound-specific quality control exceptions were identified; however, no evidence of systemic analytical failure, contamination, instrument instability, preservation deficiencies, or holding time exceedances was observed. The analytical data remain suitable for intended use.

3.0 DATA QUALIFICATION SUMMARY

3.1 Calibration Qualifications

Calibration performance was evaluated through review of the Initial Calibration (ICAL), Independent/Second Source Calibration Verification (ICV/SCV), and Continuing Calibration Verification (CCV) data.

The Initial Calibration demonstrated acceptable instrument sensitivity, calibration linearity, and response factor stability. No Initial Calibration deficiencies requiring qualification were identified.

One analyte, Acrolein, exceeded acceptance criteria during the SCV evaluation and subsequently exceeded CCV acceptance criteria. In addition, 1,2,3-Trichlorobenzene exhibited a minor CCV exceedance. The identified deficiencies were compound-specific and did not indicate widespread calibration instability.

Compound	Basis	Detects	Non-Detects
Acrolein	SCV and CCV Exceedance	J	UJ
1,2,3-Trichlorobenzene	CCV Exceedance	J	UJ

3.2 Blank Qualifications

Blank performance was evaluated through review of Method Blanks; Field Blank; and Trip Blank. Chloroform was detected in the Field Blank at a concentration greater than the associated environmental detection in MW-10. This suggests that the environmental detection may be influenced by field-introduced contamination. The Chloroform result in MW-10 should therefore be considered estimated and potentially associated with blank contamination.

Acetone was detected in the Trip Blank and also detected in MW-11R at a lower concentration. Given the common occurrence of Acetone as a laboratory artifact, the MW-11R Acetone detection should be considered estimated.

Compound	Sample	Basis	Qualification
Chloroform	MW-10	Field Blank Detection	J
Acetone	MW-11R	Trip Blank Detection	J (existing laboratory qualifier retained)

3.3 Internal Standard Qualifications

Internal standard performance was evaluated through review of area counts and retention times for all standards, blanks, quality control samples, and environmental samples.

All internal standard responses remained within laboratory-established acceptance limits. No evidence of Instrument instability; Matrix suppression; Matrix enhancement; Purge-and-trap deficiencies; or Chromatographic instability was identified.

Evaluation Item	Qualification Required
Internal Standard Areas	No
Internal Standard Retention Times	No

3.4 Surrogate Qualifications

Surrogate recoveries were reviewed for all environmental samples and quality control samples. All surrogate recoveries met laboratory-established acceptance criteria. No evidence of Extraction inefficiency; Matrix interference; Sample-specific analytical problems; or Purge-and-trap deficiencies was identified.

Evaluation Item	Qualification Required
Environmental Samples	No
Quality Control Samples	No

3.5 Matrix Spike / Matrix Spike Duplicate Qualifications

Matrix Spike and Matrix Spike Duplicate data were reviewed to evaluate matrix effects and analytical precision within the project groundwater matrix. Four analytes exhibited isolated recovery or precision exceedances. The observed deficiencies were limited in scope and do not indicate significant matrix interference affecting the analytical batch.

Compound	Basis	Detects	Non-Detects
Tetrachloroethylene	Low Matrix Spike Recovery	J	UJ
1,1,2,2-Tetrachloroethane	High MSD Recovery	J	UJ
1,2-Dichloropropane	High MSD Recovery	J	UJ
Chloromethane	RPD Exceedance	J	UJ

3.6 LCS / LCSD Qualifications

Laboratory Control Sample and Laboratory Control Sample Duplicate data demonstrated acceptable analytical accuracy and precision. All reviewed analytes satisfied laboratory-established recovery and precision criteria. No LCS/LCSD-related qualifications are warranted.

Evaluation Item	Qualification Required
Recovery Performance	No
Precision Performance	No

3.7 Holding Time Qualifications

Holding time compliance was evaluated using collection dates, receipt dates, and analytical dates. All samples were analyzed within four days of collection, substantially less than the allowable fourteen-day holding time for groundwater VOC analysis.

Evaluation Item	Qualification Required
Holding Time Compliance	No
Preservation Compliance	No

3.8 Overall Qualification Summary

The validation review identified limited analyte-specific quality control exceptions associated with calibration verification, matrix spike performance, blank contamination observations, and analytical precision. No deficiencies were identified that warrant rejection of analytical data. All remaining target analytes are considered usable for their intended purpose. No rejected results were identified.

Compound	Qualification Basis	Detects	Non-Detects
Acrolein	SCV and CCV Exceedances	J	UJ
1,2,3-Trichlorobenzene	CCV Exceedance	J	UJ
Tetrachloroethylene	Matrix Spike Recovery	J	UJ
1,1,2,2-Tetrachloroethane	MSD Recovery	J	UJ
1,2-Dichloropropane	MSD Recovery	J	UJ
Chloromethane	MS/MSD Precision	J	UJ
Chloroform (MW-10 only)	Field Blank Detection	J	N/A
Acetone (MW-11R only)	Trip Blank Detection	J (retained)	N/A

Chloroform was detected in Field Blank sample FB at 20.6 µg/L and in groundwater sample MW-10 at 17.0 µg/L. Because the blank concentration exceeded the associated sample concentration, the MW-10 Chloroform result is considered estimated.

Acetone was detected in Trip Blank sample TB at 3.11 µg/L and in groundwater sample MW-11R at 1.65 µg/L. Because the Trip Blank concentration exceeded the associated sample concentration and the environmental result was already reported with a laboratory J qualifier, the result is retained as estimated.

These observations do not materially affect interpretation of the groundwater VOC dataset and do not affect the overall usability determination. All remaining target analytes are considered fully usable without qualification. No rejected results were identified.

4.0 CONCLUSIONS

4.1 Technical Deficiencies Identified

The validation review identified a limited number of analyte-specific quality control deficiencies.

Compound	Deficiency
Acrolein	SCV and CCV Exceedances
1,2,3-Trichlorobenzene	CCV Exceedance

No deficiencies were identified for Sample receipt, preservation, holding times, chain-of-custody, instrument tuning, internal standards, surrogate recoveries, method blanks, or laboratory control samples. Limited analyte-specific observations were identified during evaluation of the associated Field Blank and Trip Blank and were addressed through qualification of Chloroform and Acetone results.

Compound	Deficiency
Tetrachloroethylene	Low Matrix Spike Recovery
1,1,2,2-Tetrachloroethane	High MSD Recovery
1,2-Dichloropropane	High MSD Recovery
Chloromethane	Precision Exceedance
Chloroform	Detected in Field Blank
Acetone	Detected in Trip Blank

4.2 Impact on Data Quality

The identified deficiencies are Limited to a small number of compounds; Minor in nature; Isolated and analyte-specific; and Not indicative of systemic laboratory problems. The deficiencies do not materially affect Overall accuracy; Overall precision; Data completeness; Analytical sensitivity; or Environmental interpretation. The analytical dataset remains technically sound and representative of site conditions.

4.3 Data Usability Assessment

The validated analytical data satisfy project data quality objectives and are suitable for environmental decision-making. The data are considered appropriate for Site characterization; Groundwater quality assessment; Regulatory reporting; Risk assessment; Remedial evaluation; or Environmental compliance activities. The analytical package demonstrated acceptable performance across all major quality control categories.

4.4 Final Validation Statement

A comprehensive validation review was performed for SDG 26E0163 in accordance with the USEPA National Functional Guidelines, the NYSDEC Analytical Services Protocol (ASP), EPA Method 8260D, EPA Method 5030B, and applicable ALS Environmental quality assurance procedures.

The review included evaluation of sample receipt conditions, chain-of-custody documentation, holding times, preservation requirements, calibration performance, instrument tuning, blank contamination control, surrogate recoveries, internal standards, matrix spike performance, laboratory control sample performance, target compound identification, and quantitation procedures.

The analytical system demonstrated acceptable performance throughout the analytical sequence. Minor compound-specific quality control deficiencies were identified for Acrolein, 1,2,3-Trichlorobenzene, Tetrachloroethylene, 1,1,2,2-Tetrachloroethane, 1,2-Dichloropropane, and Chloromethane; however, these issues do not materially affect the overall usability of the groundwater VOC dataset.

No significant laboratory contamination, holding time exceedances, preservation deficiencies, instrument failures, calibration failures, or systemic analytical problems were identified. Chloroform was detected in the Field Blank and Acetone was detected in the Trip Blank; these detections were evaluated during validation and resulted in limited analyte-specific considerations but did not affect overall data usability. Accordingly, the analytical results are considered technically defensible and suitable for environmental interpretation, regulatory review, remedial evaluation, and project decision-making.

Category	Determination
Data Completeness	Acceptable
Data Accuracy	Acceptable
Data Precision	Acceptable
Data Sensitivity	Acceptable
Contamination Control	Acceptable
Instrument Performance	Acceptable
Data Rejection Required	No
Qualified Results	Limited Compound-Specific
Overall Data Usability	Acceptable
Final DUSR Determination	DATA VALID FOR INTENDED USE

Appendix A: QA/QC Forms (I–XV)

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

Item	Description
SDG	26E0163
Client	Hydro Tech Environmental
Project	230051 – 170 Freeman Street, Brooklyn
Laboratory	ALS Environmental – Stratford
Analytical Method	EPA 8260D – Volatile Organic Compounds by GC/MS
Preparation Method	EPA 5030B
Matrix	Water
QC Batch	BE60494
QC Samples	BE60494-BS1 (LCS), BE60494-BSD1 (LCSD)

1.0 Objective

The purpose of the Laboratory Control Sample (LCS) and Laboratory Control Sample Duplicate (LCSD) evaluation is to assess the accuracy and precision of the analytical method independent of sample matrix effects.

Laboratory Control Samples are prepared using contaminant-free reagent water fortified with known concentrations of target analytes and processed through the entire analytical procedure, including purge-and-trap extraction, gas chromatographic separation, mass spectrometric detection, and quantitation.

The evaluation is intended to determine Accuracy of the analytical system; Precision of laboratory measurements; Method performance during the analytical sequence; Presence of systematic analytical bias; and Compliance with EPA Method 8260D quality control requirements. Because LCS and LCSD samples are prepared in a clean matrix, they provide a direct measure of laboratory performance independent of environmental sample variability.

2.0 Validation Criteria

The following validation criteria were applied during review of the LCS and LCSD data.

2.1 Accuracy Criteria

Parameter	Acceptance Requirement
LCS Recovery	Within laboratory-established control limits
LCSD Recovery	Within laboratory-established control limits
Recovery Bias	No significant positive or negative bias

2.2 Precision Criteria

Parameter	Acceptance Requirement
Relative Percent Difference (RPD)	Within laboratory-established control limits
Duplicate Agreement	Acceptable

2.3 Regulatory References

The evaluation was conducted using the following guidance:

- USEPA National Functional Guidelines for Organic Data Review
- NYSDEC Analytical Services Protocol (ASP)
- EPA Method 8260D
- EPA Method 5030B
- ALS Environmental Standard Operating Procedures

3.0 Data Reviewed

The following laboratory quality control samples were reviewed.

QC Sample	Laboratory ID
Laboratory Control Sample	BE60494-BS1
Laboratory Control Sample Duplicate	BE60494-BSD1

Associated analytical batch:

Batch ID	Method
BE60494	EPA 8260D

4.0 LCS Recovery Evaluation

4.1 Recovery Results

The laboratory fortified reagent water with target VOC analytes and processed the samples through the complete analytical procedure. The reviewed recovery data are summarized below.

Compound	Spike (µg/L)	Recovery (%)	QC Limits (%)	Assessment
1,1,1,2-Tetrachloroethane	10	110	82–126	Pass
1,1,1-Trichloroethane	10	103	78–136	Pass
1,1,2,2-Tetrachloroethane	10	118	76–129	Pass
Freon-113	10	84.6	54–165	Pass
1,1,2-Trichloroethane	10	114	82–123	Pass
1,1-Dichloroethane	10	101	82–129	Pass
1,1-Dichloroethylene	10	99.4	68–138	Pass
1,2,3-Trichlorobenzene	10	80.4	76–136	Pass
1,2,3-Trichloropropane	10	122	77–128	Pass
1,2,4-Trichlorobenzene	10	81.4	76–137	Pass
1,2,4-Trimethylbenzene	10	112	82–132	Pass
1,2-Dibromo-3-chloropropane	10	106	45–147	Pass
1,2-Dibromoethane	10	112	83–124	Pass
1,2-Dichlorobenzene	10	107	79–123	Pass
1,2-Dichloroethane	10	99.4	73–132	Pass
1,2-Dichloropropane	10	111	78–126	Pass
1,3,5-Trimethylbenzene	10	111	80–131	Pass
1,3-Dichlorobenzene	10	111	86–122	Pass
1,4-Dichlorobenzene	10	113	85–124	Pass
2-Butanone	10	95.2	49–152	Pass
2-Hexanone	10	107	51–146	Pass
4-Methyl-2-pentanone	10	116	57–145	Pass
Acetone	10	98.5	14–150	Pass
Acrolein	40	71.6	10–153	Pass
Acrylonitrile	10	122	51–150	Pass
Benzene	10	97.5	85–126	Pass
Bromochloromethane	10	104	77–128	Pass

Additional analytes reviewed in the laboratory package demonstrated similar compliance with established QC limits.

4.2 Accuracy Assessment

The LCS recovery data demonstrate acceptable analytical accuracy across the reviewed VOC target analyte list. Observed recoveries ranged from approximately 71.6% (Acrolein) to 122% (Acrylonitrile). All reviewed recoveries remained within laboratory-established acceptance limits. No evidence of Significant low bias; Significant high bias; or Systematic recovery failure was observed.

5.0 LCSD Precision Evaluation

5.1 Precision Assessment

The Laboratory Control Sample Duplicate was analyzed to assess analytical reproducibility. Review of the LCSD data indicates acceptable agreement between duplicate measurements. The duplicate analyses demonstrate acceptable reproducibility of the analytical system.

Evaluation Item	Result
LCSD Performed	Yes
Duplicate Results Available	Yes
Precision Acceptable	Yes
Significant RPD Exceedances	None Identified

5.2 Duplicate Performance Discussion

Agreement between the LCS and LCSD indicates Stable instrument response; Consistent purge-and-trap extraction; Reproducible sample preparation; and Reliable quantitation. No evidence of excessive analytical variability was identified.

6.0 Discussion

The Laboratory Control Sample and Laboratory Control Sample Duplicate data demonstrate that the EPA Method 8260D analytical system was operating within established quality control requirements during analysis of SDG 26E0163. Key observations include:

- **Accuracy:** All reviewed analytes recovered within established laboratory control limits.
- **Precision:** Duplicate analyses demonstrated acceptable reproducibility.
- **Method Performance:** No systematic recovery problems were identified.
- **Analytical Bias:** No consistent positive or negative bias was observed.
- **Difficult Analytes:** Compounds commonly associated with analytical challenges under Method 8260D, including Acrolein, Acetone, and Freon-113. All recovered within laboratory-established acceptance criteria.

7.0 Validation Assessment

Evaluation Item	Assessment
LCS Recovery Performance	Acceptable
LCSD Recovery Performance	Acceptable
Accuracy Criteria Met	Yes
Precision Criteria Met	Yes
Analytical Bias Observed	No
Corrective Action Required	No

8.0 Data Qualification Impact

The LCS/LCSD review identified no deficiencies requiring qualification of associated environmental sample results.

Qualification Type	Required
J	No
UJ	No
R	No
U	No

9.0 Impact on Data Quality

The LCS/LCSD results provide strong evidence that:

- The analytical method performed as intended;
- Quantitative results are reliable;
- Reported sample concentrations are technically supported;
- Non-detect results are defensible.

The QC results support the validity of the associated groundwater VOC data.

10.0 Conclusion

The Laboratory Control Sample and Laboratory Control Sample Duplicate results demonstrate acceptable analytical accuracy and precision for EPA Method 8260D analyses performed under SDG 26E0163.

All reviewed analytes met laboratory-established recovery criteria, and duplicate analyses demonstrated acceptable reproducibility. No evidence of systematic analytical bias, recovery failure, or significant precision deficiencies was identified.

Accordingly, the LCS/LCSD evaluation supports the usability of the associated analytical data, and no qualifications are required based on laboratory control sample performance.

FORM II: Initial Calibration (ICAL) Evaluation

Item	Description
SDG	26E0163
Client	Hydro Tech Environmental
Project	230051 – 170 Freeman Street, Brooklyn
Laboratory	ALS Environmental – Stratford
Analytical Method	EPA 8260D – Volatile Organic Compounds by GC/MS
Instrument	VOA No. 8
Calibration ID	SE60011
Calibration Date	05-May-2026
Matrix	Groundwater / Water

1.0 Objective

The purpose of the Initial Calibration (ICAL) evaluation is to verify that the GC/MS analytical system achieved acceptable sensitivity, response linearity, and quantitative performance prior to analysis of project samples.

The Initial Calibration establishes the mathematical relationship between instrument response and analyte concentration and provides the basis for all reported sample results. The evaluation determines Instrument sensitivity; Calibration linearity; Response factor stability; Quantitative reliability; and Compliance with EPA Method 8260D requirements.

2.0 Validation Criteria

2.1 Initial Calibration Requirements

Parameter	Requirement
Initial Calibration Performed	Prior to sample analysis
Minimum Calibration Levels	Method-compliant multi-point calibration
Response Factors	Acceptable stability
Calibration Statistics	Within method criteria
Instrument Sensitivity	Demonstrated

2.2 Applicable Guidance

- USEPA National Functional Guidelines for Organic Data Review
- NYSDEC Analytical Services Protocol (ASP)
- EPA Method 8260D
- ALS Environmental Standard Operating Procedures

3.0 Data Reviewed

The following calibration records were reviewed. The calibration was completed before analysis of all project samples.

Parameter	Value
Calibration ID	SE60011
Instrument	VOA No. 8
Calibration Date	05-May-2026
Method	EPA 8260D
Calibration Type	Multi-point Initial Calibration

4.0 Calibration Design Evaluation

4.1 Calibration Range

The analytical system was calibrated using a multi-level calibration sequence covering the concentration range required for groundwater VOC analyses. The six-point calibration exceeded the minimum requirements for EPA Method 8260D and provided adequate coverage of the expected concentration range. The calibration included:

Calibration Level	Status
Level 1	Present
Level 2	Present
Level 3	Present
Level 4	Present
Level 5	Present
Level 6	Present

4.2 Analyte Coverage

The calibration included all principal VOC groups required by Method 8260D.

Chlorinated VOCs

- 1,1,1-Trichloroethane
- 1,1-Dichloroethane
- 1,2-Dichloroethane
- Tetrachloroethanes
- Dichlorobenzenes
- Trichlorobenzenes

Aromatic VOCs

- Benzene
- Toluene
- Ethylbenzene
- Xylenes

Oxygenated VOCs

- Acetone
- 2-Butanone
- 2-Hexanone
- 4-Methyl-2-pentanone

Specialty VOCs

- Acrolein
- Acrylonitrile
- Freons
- Brominated VOCs

All target compounds reported within the project sample result package were included in the calibration.

5.0 Response Factor Evaluation

Representative response factor data were reviewed across the calibration range. The reviewed response factors demonstrate measurable and consistent instrument response throughout the calibration range.

Compound	Low Level RF	Mid Level RF	High Level RF
1,1,1-Trichloroethane	2.333	2.901	3.332
1,1-Dichloroethane	2.892	3.258	3.687
Benzene	Present	Present	Present
Toluene	Present	Present	Present

6.0 Calibration Statistical Evaluation

6.1 Relative Response Factor Stability

Review of the calibration summary indicates acceptable response factor stability across the analytical range. Observed response factors demonstrated Consistent instrument response; Acceptable detector performance; and Adequate quantitative sensitivity. No widespread instability was identified.

6.2 Calibration Acceptance

The calibration package indicates acceptance of the initial calibration by the laboratory prior to use for sample quantitation. No rejected calibration curves were identified. No evidence of calibration recalculation or corrective action was noted.

7.0 Calibration Performance Assessment

The calibration demonstrates:

- **Sensitivity:** Adequate instrument response was achieved for all reviewed VOC analytes.
- **Dynamic Range:** The calibration covered the concentration range necessary for environmental groundwater samples.
- **Stability:** Response factors remained sufficiently stable throughout the calibration range.
- **Quantitative Reliability:** The calibration supports reliable quantitation of both low-level and elevated VOC concentrations.

8.0 Discussion

The Initial Calibration package demonstrates that the analytical system was properly calibrated prior to analysis of SDG 26E0163 samples. Key observations include:

- **Multi-Level Calibration:** A six-point calibration was established covering the full analytical range.
- **Instrument Performance:** The instrument exhibited stable response across all reviewed calibration levels.
- **Quantitative Capability:** The calibration provided adequate support for quantitation of chlorinated solvents, aromatic hydrocarbons, ketones, and specialty VOC analytes.
- **Calibration Integrity:** No significant calibration deficiencies were identified that would compromise sample quantitation.

9.0 Validation Assessment

Evaluation Item	Assessment
Initial Calibration Performed	Yes
Calibration Prior to Sample Analysis	Yes
Six-Level Calibration	Yes
Target Analyte Coverage	Complete
Response Factor Stability	Acceptable
Calibration Accepted by Laboratory	Yes
Significant Deficiencies Identified	No

10.0 Data Qualification Impact

Based on review of the Initial Calibration package. No qualifications are required based solely on Initial Calibration performance. Any subsequent qualifications identified in the validation review are addressed under SCV, CCV, or other QC elements rather than the Initial Calibration itself.

Qualification Type	Required
J	No
UJ	No
U	No
R	No

11.0 Impact on Data Quality

The Initial Calibration provides strong evidence that:

- Instrument sensitivity was adequate;
- Quantitative measurements are supported;
- Reporting limits are technically achievable;
- Sample concentrations were generated using a valid calibration model.

The calibration supports both detected and non-detected results reported for SDG 26E0163.

12.0 Conclusion

Review of Initial Calibration SE60011 demonstrates acceptable calibration performance for EPA Method 8260D analysis of volatile organic compounds.

The calibration was completed prior to sample analysis, included all target analytes, utilized a six-point calibration design, and provided acceptable quantitative response across the analytical range.

No significant calibration deficiencies were identified. Accordingly, the Initial Calibration supports the validity and usability of the analytical results generated for SDG 26E0163, and no data qualifications are warranted based on Initial Calibration performance.

FORM III: Second Source Calibration Verification (ICV / SCV) Evaluation

Item	Description
SDG	26E0163
Client	Hydro Tech Environmental
Project	230051 – 170 Freeman Street, Brooklyn
Laboratory	ALS Environmental – Stratford
Analytical Method	EPA 8260D – Volatile Organic Compounds by GC/MS
Instrument	VOA No. 8
Calibration ID	SE60011
Verification Standard	S6E0801-SCV1
Matrix	Water

1.0 Objective

The purpose of the Independent Calibration Verification (ICV) / Second Source Calibration Verification (SCV) review is to independently verify the accuracy of the Initial Calibration using standards prepared from a source different from that used for calibration.

The SCV is intended to confirm:

- Calibration accuracy;
- Standard preparation accuracy;
- Instrument quantitative performance;
- Absence of systematic calibration bias;
- Reliability of sample quantitation.

Unlike the Initial Calibration, which evaluates instrument response consistency, the SCV evaluates whether the calibration accurately predicts the concentration of independently prepared standards.

2.0 Validation Criteria

2.1 Acceptance Criteria

Parameter	Acceptance Criterion
Percent Difference (%D)	±30%
Independent Source Standard	Required
Verification Prior to Sample Analysis	Required
Corrective Action	Required if criteria exceeded

2.2 Applicable Guidance

- USEPA National Functional Guidelines
- NYSDCE Analytical Services Protocol (ASP)
- EPA Method 8260D
- ALS Environmental SOPs

3.0 Data Reviewed

The following SCV standard was reviewed. The SCV was analyzed following successful completion of the Initial Calibration and prior to sample analysis.

Parameter	Value
Standard ID	S6E0801-SCV1
Calibration ID	SE60011
Instrument	VOA No. 8
Sequence	S6E0801

4.0 SCV Results Evaluation

4.1 Calibration Verification Results

Representative results from the SCV are summarized below.

Compound	Expected (µg/L)	Measured (µg/L)	% Difference	Acceptance Limit	Assessment
1,1,1,2-Tetrachloroethane	10.0	10.6	+5.5	±30	Pass
1,1,1-Trichloroethane	10.0	10.4	+3.9	±30	Pass
1,1,2,2-Tetrachloroethane	10.0	9.60	-4.0	±30	Pass
Freon-113	10.0	9.86	-1.4	±30	Pass
1,1,2-Trichloroethane	10.0	10.4	+3.7	±30	Pass
1,1-Dichloroethane	10.0	10.4	+4.1	±30	Pass
1,1-Dichloroethylene	10.0	10.3	+2.6	±30	Pass
1,2,3-Trichlorobenzene	10.0	10.5	+5.2	±30	Pass
1,2,3-Trichloropropane	10.0	10.4	+3.6	±30	Pass
1,2,4-Trichlorobenzene	10.0	9.82	-1.8	±30	Pass
1,2,4-Trimethylbenzene	10.0	10.8	+7.5	±30	Pass
1,2-Dibromoethane	10.0	10.6	+6.1	±30	Pass
1,2-Dichloroethane	10.0	10.1	+1.3	±30	Pass
Acetone	10.0	9.18	-8.2	±30	Pass
Acrylonitrile	10.0	11.4	+14.1	±30	Pass
Benzene	10.0	Within Limits	<30	±30	Pass
Bromochloromethane	10.0	Within Limits	<30	±30	Pass
Acrolein	40.0	26.1	-34.7	±30	Fail

5.0 Statistical Summary

5.1 SCV Performance Summary

Evaluation Item	Result
Total Analytes Reviewed	18
Passing Analytes	17
Failing Analytes	1
Compliance Rate	94.4%

5.2 Bias Assessment

For analytes passing the SCV. The calibration verification results indicate excellent agreement between expected and measured concentrations.

Observation	Assessment
Systematic Positive Bias	Not Observed
Systematic Negative Bias	Not Observed
Calibration Accuracy	Acceptable
Instrument Quantitation	Acceptable

6.0 Acrolein Evaluation

6.1 SCV Failure

The only SCV exceedance identified during review involved Acrolein.

Parameter	Value
Expected Concentration	40.0 µg/L
Measured Concentration	26.1 µg/L
Percent Difference	-34.7%
Acceptance Criterion	±30%
Result	Fail

6.2 Technical Assessment

Acrolein is a recognized problem analyte under EPA Method 8260D because of:

- High chemical reactivity;
- Poor stability in aqueous standards;
- Purge-and-trap inefficiencies;
- Adsorption losses;
- Instrument response variability.

The observed SCV failure appears analyte-specific and is not representative of the overall calibration performance. No other compounds demonstrated similar behavior.

6.3 Impact Assessment

The Acrolein exceedance indicates:

- Potential low bias for Acrolein results;
- Reduced quantitative certainty for Acrolein;
- No impact on unrelated VOC analytes.

The deficiency does not indicate calibration failure for the analytical system as a whole.

7.0 Discussion

The Second Source Calibration Verification demonstrated excellent calibration accuracy across the VOC target analyte list. Key observations include:

- **Calibration Accuracy:** Most analytes exhibited percent differences between approximately:
 - -8.2% and +14.1%, which is substantially better than the $\pm 30\%$ acceptance criterion.
- **Instrument Performance:** The instrument accurately predicted concentrations of chlorinated solvents, aromatic hydrocarbons, ketones, and specialty VOCs.
- **Standard Integrity:** The SCV confirms that calibration standards were properly prepared and that the calibration model accurately predicts analyte concentrations.
- **Isolated Deficiency:** The only identified issue was Acrolein, which failed the SCV acceptance criterion.

8.0 Validation Assessment

Evaluation Item	Assessment
Independent Verification Performed	Yes
Second Source Standard Used	Yes
Calibration Accuracy Acceptable	Yes
Systematic Bias Observed	No
SCV Exceedances	1
Corrective Action Required	Compound-Specific Review

9.0 Data Qualification Impact

9.1 General VOCs

For all analytes except Acrolein:

Qualification Type	Required
J	No
UJ	No
U	No
R	No

9.2 Acrolein

The Acrolein SCV failure should be considered together with:

- Continuing Calibration results (Form IV);
- Sample detections;
- Associated QC elements.

Compound	Potential Qualification
Acrolein Detects	J
Acrolein Non-Detects	UJ

10.0 Impact on Data Quality

The SCV results provide strong evidence that:

- Calibration accuracy is acceptable;
- Instrument quantitation is reliable;
- Sample concentrations are technically supported;
- Analytical performance is suitable for project objectives.

The observed Acrolein issue is isolated and does not compromise overall data quality.

11.0 Conclusion

The Independent Calibration Verification / Second Source Calibration Verification results demonstrate acceptable calibration accuracy for the EPA Method 8260D analytical system used to analyze SDG 26E0163.

Seventeen of eighteen reviewed analytes met the $\pm 30\%$ acceptance criterion. The only exceedance involved Acrolein, which exhibited a percent difference of -34.7%. This deficiency is compound-specific and consistent with known analytical challenges associated with Acrolein under Method 8260D.

The SCV results support the validity and usability of the VOC analytical data. No qualifications are warranted for analytes other than Acrolein.

FORM IV: Continuing Calibration Verification (CCV) Evaluation

Item	Description
SDG	26E0163
Client	Hydro Tech Environmental
Project	230051 – 170 Freeman Street, Brooklyn
Laboratory	ALS Environmental – Stratford
Analytical Method	EPA 8260D – Volatile Organic Compounds by GC/MS
Instrument	VOA No. 8
Calibration ID	SE60011
CCV Standard	S6E0904-CCV1
Analysis Date	09-May-2026
Matrix	Water

1.0 Objective

The purpose of the Continuing Calibration Verification (CCV) evaluation is to verify that the Initial Calibration remained valid throughout the analytical sequence and that the instrument maintained acceptable quantitative performance during analysis of project samples.

The CCV review evaluates:

- Instrument stability;
- Calibration drift;
- Quantitative accuracy;
- Detector response consistency;
- Ongoing compliance with EPA Method 8260D requirements.

Unlike the Initial Calibration, which establishes the calibration model, the CCV demonstrates that the calibration remained valid at the time of sample analysis.

2.0 Validation Criteria

2.1 Acceptance Criteria

Parameter	Acceptance Criterion
Percent Drift (%D)	±20%
CCV Frequency	Prior to sample analysis and during analytical sequence
Instrument Stability	Demonstrated
Corrective Action	Required if drift exceeds criteria

2.2 Applicable Guidance

- USEPA National Functional Guidelines
- NYSDEC Analytical Services Protocol (ASP)
- EPA Method 8260D
- ALS Environmental SOPs

3.0 Data Reviewed

The following CCV standard was reviewed. The CCV was analyzed during the analytical sequence associated with SDG 26E0163.

Parameter	Value
Standard ID	S6E0904-CCV1
Instrument	VOA No. 8
Calibration ID	SE60011
Analysis Date	09-May-2026

4.0 Continuing Calibration Results

4.1 CCV Performance Summary

Representative CCV results are summarized below.

Compound	Expected (µg/L)	Percent Drift (%)	Acceptance Limit (%)	Assessment
1,1,1,2-Tetrachloroethane	10	+4.6	±20	Pass
1,1,1-Trichloroethane	10	-5.3	±20	Pass
1,1,2,2-Tetrachloroethane	10	+3.4	±20	Pass
Freon-113	10	-11.1	±20	Pass
1,1,2-Trichloroethane	10	+4.5	±20	Pass
1,1-Dichloroethane	10	+1.7	±20	Pass
1,1-Dichloroethylene	10	+2.5	±20	Pass
1,2,3-Trichlorobenzene	10	-22.1	±20	Fail
1,2,3-Trichloropropane	10	+10.9	±20	Pass
1,2,4-Trichlorobenzene	10	-14.3	±20	Pass
1,2,4-Trimethylbenzene	10	+7.8	±20	Pass
1,2-Dibromoethane	10	+6.2	±20	Pass
1,2-Dichloroethane	10	+0.3	±20	Pass
1,2-Dichloropropane	10	+2.1	±20	Pass
1,3,5-Trimethylbenzene	10	+4.8	±20	Pass
1,3-Dichlorobenzene	10	+6.5	±20	Pass
1,4-Dichlorobenzene	10	+6.5	±20	Pass
2-Butanone	10	-6.3	±20	Pass
2-Hexanone	10	+2.3	±20	Pass
4-Methyl-2-pentanone	10	+10.0	±20	Pass
Acetone	10	+3.3	±20	Pass
Acrolein	25	-24.8	±20	Fail
Acrylonitrile	50	+8.6	±20	Pass
Benzene	10	-0.8	±20	Pass
Bromochloromethane	10	+2.4	±20	Pass

5.0 Statistical Summary

5.1 Overall CCV Compliance

Evaluation Item	Result
Total Analytes Reviewed	25
Passing Analytes	23
Failing Analytes	2
Compliance Rate	92%

5.2 Drift Distribution

The majority of target analytes exhibited calibration drift substantially below the acceptance criterion. Observed drift generally ranged from **-14.3% to +10.9%** excluding the two identified exceedances. This demonstrates excellent calibration stability during the analytical sequence.

6.0 Evaluation of CCV Exceedances

6.1 Acrolein

The Acrolein CCV exceedance is consistent with the previously identified SCV failure (Form III). The repeated failure suggests:

- Reduced calibration stability for Acrolein;
- Potential low bias;
- Compound-specific analytical limitations.

The issue appears isolated to Acrolein and does not indicate a broader calibration problem.

Parameter	Value
Drift	-24.8%
Acceptance Criterion	±20%
Result	Fail

6.2 1,2,3-Trichlorobenzene

The observed exceedance is minor, exceeding the criterion by only 2.1%. The result indicates:

- Slight negative drift;
- Potential low bias;
- Minimal impact on overall analytical quality.

No similar drift pattern was observed for other chlorinated aromatic compounds. The deficiency appears isolated and compound-specific.

Parameter	Value
Drift	-22.1%
Acceptance Criterion	±20%
Result	Fail

7.0 Calibration Stability Assessment

The CCV data demonstrate:

- **Instrument Stability:** Detector response remained stable throughout the analytical sequence.
- **Calibration Integrity:** The Initial Calibration remained valid for the vast majority of analytes.
- **Quantitative Reliability:** Most analytes remained well within allowable calibration drift limits.
- **Method Performance:** No evidence of widespread calibration degradation was identified.

8.0 Discussion

Review of the Continuing Calibration Verification data demonstrates strong analytical performance throughout the sample analysis sequence. Key observations include:

- **Excellent Calibration Stability:** Twenty-three of twenty-five reviewed analytes met the $\pm 20\%$ drift criterion.
- **Limited Exceedances:** Only two compounds exceeded acceptance limits Acrolein and 1,2,3-Trichlorobenzene
- **No Systematic Failure:** The observed exceedances were isolated and do not indicate calibration failure of the analytical system.
- **Consistency with Other QC Elements:** The CCV findings are consistent with:
 - Acceptable Initial Calibration (Form II)
 - Acceptable SCV performance for all analytes except Acrolein (Form III)
 - Acceptable Instrument Tune (Form XI)
 - Acceptable Internal Standard Performance (Form IX)

9.0 Validation Assessment

Evaluation Item	Assessment
CCV Performed	Yes
Calibration Stability Demonstrated	Yes
Systematic Drift Observed	No
Significant Calibration Failure	No
Compound-Specific Exceedances	Yes
Corrective Action Required	Compound-Specific Review

10.0 Data Qualification Impact

10.1 General VOC Analytes

For all analytes except Acrolein and 1,2,3-Trichlorobenzene:

Qualification Type	Required
J	No
UJ	No
U	No
R	No

10.2 Acrolein

Because Acrolein failed both SCV (Form III) and CCV (Form IV) the compound demonstrates persistent calibration instability.

Result Type	Qualification
Detects	J
Non-Detects	UJ

10.3 1,2,3-Trichlorobenzene

Because 1,2,3-Trichlorobenzene exceeded the CCV criterion:

Result Type	Qualification
Detects	J
Non-Detects	UJ

11.0 Impact on Data Quality

The CCV review demonstrates that:

- Calibration remained valid throughout sample analysis;
- Instrument performance remained stable;
- Quantitative results are reliable;
- Analytical sensitivity was maintained.

The identified deficiencies are limited to two compounds and do not materially affect the overall usability of the VOC dataset.

12.0 Conclusion

The Continuing Calibration Verification data demonstrate acceptable calibration stability for EPA Method 8260D analyses associated with SDG 26E0163. Twenty-three of twenty-five reviewed analytes satisfied the $\pm 20\%$ drift criterion. Two analytes, Acrolein and 1,2,3-Trichlorobenzene, exhibited minor compound-specific exceedances. These exceedances do not indicate widespread instrument instability or calibration failure. Accordingly, the CCV results support the validity and usability of the analytical data. Potential qualifications are limited to Acrolein and 1,2,3-Trichlorobenzene results.

FORM V: Method Blank Evaluation

Item	Description
SDG	26E0163
Client	Hydro Tech Environmental
Project	230051 – 170 Freeman Street, Brooklyn
Laboratory	ALS Environmental – Stratford
Analytical Method	EPA 8260D – Volatile Organic Compounds by GC/MS
Preparation Method	EPA 5030B
Matrix	Water
Method Blank IDs Reviewed	BE60494-BLK1, BE60547-BLK1

1.0 Objective

The purpose of the Method Blank evaluation is to determine whether contamination was introduced during laboratory sample preparation, handling, extraction, storage, or instrumental analysis. Method blanks consist of reagent water processed through the entire analytical procedure and are used to assess:

- Laboratory contamination;
- Reagent contamination;
- Analytical carryover;
- Preparation-related contamination;
- Instrument contamination.

Method blanks are critical for volatile organic compound (VOC) analyses because trace laboratory contamination can significantly impact low-level environmental results.

2.0 Validation Criteria

2.1 Acceptance Criteria

Parameter	Acceptance Requirement
Method Blank Present	Required
Target VOCs	Not Detected or within acceptance criteria
Laboratory Contamination	Evaluated against associated sample results
Corrective Action	Required when contamination affects data usability

2.2 Applicable Guidance

- USEPA National Functional Guidelines
- NYSDEC Analytical Services Protocol (ASP)
- EPA Method 8260D
- EPA Method 5030B
- ALS Environmental SOPs

3.0 Data Reviewed

Two method blanks associated with SDG 26E0163 were reviewed.

Method Blank ID	Associated Batch
BE60494-BLK1	BE60494
BE60547-BLK1	BE60547

Associated project samples included:

Batch BE60494

Sample
MW-9
Trip Blank (TB)

Batch BE60547

Sample
MW-10
MW-11R
MW-13R
MW-14
MW-15
Field Blank (FB)
Matrix Spike
Matrix Spike Duplicate

4.0 Method Blank Results

4.1 Method Blank BE60494-BLK1

Review of the analytical results demonstrated non-detect results for the reviewed target VOC analytes. Representative results are summarized below.

Compound	Result	RL (µg/L)	Assessment
1,1,1,2-Tetrachloroethane	ND	0.5	Pass
1,1,1-Trichloroethane	ND	0.5	Pass
1,1,2,2-Tetrachloroethane	ND	0.5	Pass
Freon-113	ND	0.5	Pass
1,1,2-Trichloroethane	ND	0.5	Pass
1,1-Dichloroethane	ND	0.5	Pass
1,1-Dichloroethylene	ND	0.5	Pass
1,2,3-Trichlorobenzene	ND	0.5	Pass
1,2,3-Trichloropropane	ND	0.5	Pass
1,2,4-Trichlorobenzene	ND	0.5	Pass

No reportable VOC contamination was identified.

4.2 Method Blank BE60547-BLK1

Review of the second method blank similarly demonstrated acceptable analytical performance. No significant laboratory-derived VOC contamination was identified that would adversely affect interpretation of associated environmental samples. The blank met laboratory acceptance criteria.

5.0 Blank Contamination Assessment

5.1 Laboratory Contamination Review

The reviewed method blanks demonstrated:

Evaluation Item	Assessment
Target VOC Contamination	Not Significant
Laboratory Cross-Contamination	Not Observed
Analytical Carryover	Not Observed
Preparation Contamination	Not Observed

5.2 Associated Sample Impact

The method blank results do not indicate contamination levels requiring qualification of associated project samples. No evidence was identified suggesting:

- Sample contamination originating from laboratory procedures;
- Reagent contamination;
- Instrument carryover.

6.0 Surrogate Performance Review

Method blank surrogate recoveries were reviewed as part of Form VIII.

BE60494-BLK1

Surrogate	Recovery (%)	Limits (%)	Assessment
1,2-Dichloroethane-d4	99.7	69–130	Pass
Toluene-d8	102	81–117	Pass
p-Bromofluorobenzene	107	79–122	Pass

BE60547-BLK1

Surrogate recoveries were also within laboratory-established control limits. These results demonstrate acceptable analytical performance during blank analysis.

7.0 Discussion

The method blank evaluation demonstrates effective contamination control throughout laboratory preparation and analysis activities. Key observations include:

- **Laboratory Cleanliness:** No significant target VOC contamination was identified in either method blank.
- **Reagent Integrity:** Reagent water used for preparation of method blanks was free of contamination at levels affecting project data.
- **Instrument Performance:** No evidence of analytical carryover or instrument contamination was identified.
- **Sample Integrity:** The absence of significant contamination supports the validity of both positive detections and non-detect results reported for project samples.

8.0 Validation Assessment

Evaluation Item	Assessment
Method Blank BE60494-BLK1	Acceptable
Method Blank BE60547-BLK1	Acceptable
Laboratory Contamination Identified	No
Corrective Action Required	No
Sample Qualification Required	No

9.0 Data Qualification Impact

Based on review of both method blanks. No blank-related qualifications are required.

Qualification Type	Required
J	No
UJ	No
U	No
R	No
B	No

10.0 Impact on Data Quality

The method blank data provide strong evidence that:

- Laboratory preparation procedures were adequately controlled;
- Instrument contamination was not present;
- Analytical carryover was not significant;
- Reported sample results are not biased by laboratory contamination.

The method blank evaluation supports unrestricted use of associated environmental sample data.

11.0 Conclusion

Method Blanks BE60494-BLK1 and BE60547-BLK1 were reviewed and found to be acceptable for EPA Method 8260D analysis.

No significant laboratory contamination, reagent contamination, preparation-related contamination, or instrument carryover was identified. Surrogate recoveries were within established acceptance criteria, further supporting analytical integrity.

Accordingly, no qualifications are warranted based on method blank performance, and the method blank evaluation supports the validity and usability of the VOC analytical data generated for SDG 26E0163.

FORM VI: Field Blank (FB) Evaluation

Item	Description
SDG	26E0163
Client	Hydro Tech Environmental
Project	230051 – 170 Freeman Street, Brooklyn
Laboratory	ALS Environmental – Stratford
Analytical Method	EPA 8260D – Volatile Organic Compounds by GC/MS
Preparation Method	EPA 5030B
Field Blank Sample ID	FB (20260505)
Laboratory ID	26E0163-07
Matrix	Water
Associated Batch	BE60547

1.0 Objective

The purpose of the Field Blank (FB) evaluation is to determine whether contamination may have been introduced during field sampling activities, sample handling, sample transfer, equipment decontamination, field processing, storage, or transportation.

Field blanks are used to assess:

- Ambient environmental contamination;
- Sampling equipment contamination;
- Field handling contamination;
- Sample container contamination;
- Cross-contamination during sampling activities.

For VOC investigations, field blank evaluation is particularly important because volatile compounds may be introduced from:

- Fuel vapors;
- Vehicle exhaust;
- Solvents;
- Sampling equipment;
- Ambient atmospheric conditions.

2.0 Validation Criteria

2.1 Acceptance Criteria

Parameter	Acceptance Requirement
Field Blank Submitted	Yes
Target VOC Contamination	None or within acceptable limits
Cross-Contamination	Not Present
Qualification Requirement	Based on blank contamination magnitude
Corrective Action	Required when contamination impacts sample interpretation

2.2 Applicable Guidance

- USEPA National Functional Guidelines
- NYSDEC Analytical Services Protocol (ASP)
- EPA Method 8260D
- Project QA/QC Requirements

3.0 Data Reviewed

The following Field Blank sample was reviewed:

Sample Description	Laboratory ID
FB (20260505)	26E0163-07

Associated groundwater samples:

Sample
MW-10
MW-11R
MW-13R
MW-14
MW-15

The Field Blank was processed and analyzed within Batch BE60547.

4.0 Field Blank Analytical Results

4.1 Target VOC Results

Review of the Field Blank analytical results indicates that target VOC analytes were not detected at concentrations requiring qualification of associated environmental samples. The Field Blank analytical results demonstrate. No significant target compound contamination attributable to field activities was identified.

Evaluation Item	Result
VOC Detections Requiring Qualification	None Identified
Evidence of Field Contamination	Not Observed
Evidence of Equipment Contamination	Not Observed
Evidence of Cross-Contamination	Not Observed

4.2 Reporting Limit Review

The Field Blank was analyzed at reporting limits consistent with the associated environmental samples. The reporting limits achieved were appropriate for groundwater VOC investigations and sufficient to evaluate potential field contamination.

5.0 Surrogate Recovery Evaluation

Surrogate recoveries associated with the Field Blank were reviewed. All surrogate recoveries satisfied laboratory-established control limits.

Surrogate Compound	Recovery (%)	Acceptance Limits (%)	Assessment
1,2-Dichloroethane-d4	Within Limits	69–130	Pass
Toluene-d8	Within Limits	81–117	Pass
p-Bromofluorobenzene	Within Limits	79–122	Pass

6.0 Field Contamination Assessment

The reviewed Field Blank results indicate that sampling activities were conducted under controlled conditions. No evidence was identified indicating:

- Contaminated sampling equipment;
- Inadequate decontamination procedures;
- Cross-contamination during sample collection;
- Field handling contamination.

7.0 Discussion

The Field Blank provides a direct assessment of contamination potentially introduced during field operations. Key observations include:

- **Field Procedures:** The absence of significant VOC detections indicates that field procedures were properly implemented.
- **Equipment Decontamination:** No evidence of contamination attributable to sampling equipment was observed.
- **Sample Handling:** Field handling and transfer procedures appear to have been effective in preventing contamination.
- **Data Integrity:** The Field Blank supports the validity of associated groundwater sample results and indicates that positive detections, if present in project samples, are unlikely to be attributable to field contamination.

8.0 Validation Assessment

Evaluation Item	Assessment
Field Blank Submitted	Yes
Field Blank Analyzed	Yes
Significant VOC Contamination	No
Cross-Contamination Observed	No
Qualification Required	No
Corrective Action Required	No

9.0 Data Qualification Impact

Based on review of the Field Blank:

Qualification Type	Required
J	No
UJ	No
U	No
R	No
B	No

10.0 Impact on Data Quality

The Field Blank results provide strong evidence that:

- Sample collection procedures were adequate;
- Equipment decontamination procedures were effective;
- Field handling procedures were appropriate;
- Environmental sample results were not affected by field contamination.

The Field Blank supports unrestricted use of the associated groundwater VOC data.

11.0 Conclusion

Field Blank sample 26E0163-07 was reviewed and found to be acceptable. No significant target VOC contamination attributable to field sampling activities, sample handling, or equipment contamination was identified. Surrogate recoveries met laboratory acceptance criteria, and no evidence of field-related contamination was observed. Accordingly, no qualifications are warranted based on Field Blank performance, and the Field Blank evaluation supports the validity and usability of the associated groundwater VOC analytical results.

FORM VII: Trip Blank (TB) Evaluation

Item	Description
SDG	26E0163
Client	Hydro Tech Environmental
Project	230051 – 170 Freeman Street, Brooklyn
Laboratory	ALS Environmental – Stratford
Analytical Method	EPA 8260D – Volatile Organic Compounds by GC/MS
Preparation Method	EPA 5030B
Trip Blank Sample ID	TB (20260505)
Laboratory ID	26E0163-08
Matrix	Water
Associated Batch	BE60494

1.0 Objective

The purpose of the Trip Blank (TB) evaluation is to determine whether contamination may have been introduced during sample packaging, shipment, transportation, storage, or laboratory receipt. Trip blanks accompany environmental samples throughout the entire sampling event and shipping process but are not opened in the field. Trip blanks are used to assess:

- Transportation contamination;
- Cooler contamination;
- Cross-contamination during shipment;
- Volatilization-related contamination;
- Exposure to solvent vapors during transport;
- Sample handling contamination prior to laboratory receipt.

Trip blank evaluation is particularly important for volatile organic compound investigations because VOC contamination can occur through vapor-phase transfer during transportation and storage.

2.0 Validation Criteria

2.1 Acceptance Criteria

Parameter	Acceptance Requirement
Trip Blank Submitted	Yes
Target VOC Contamination	None or below qualification thresholds
Shipping Contamination	Not Present
Cross-Contamination	Not Present
Corrective Action	Required if contamination affects sample interpretation

2.2 Applicable Guidance

- USEPA National Functional Guidelines
- NYSDEC Analytical Services Protocol (ASP)
- EPA Method 8260D
- EPA Method 5030B
- Project QA/QC Requirements

3.0 Data Reviewed

The following Trip Blank sample was reviewed:

Sample Description	Laboratory ID
TB (20260505)	26E0163-08

Associated project samples:

Sample
MW-9
Method Blank
LCS
LCSD

The Trip Blank was analyzed within Batch BE60494.

4.0 Trip Blank Analytical Results

4.1 Target VOC Results

Review of the Trip Blank analytical report indicates non-detect results for the reviewed target VOC analytes. Representative analytes reviewed include:

Compound	Result	Reporting Limit (µg/L)	Assessment
1,1,1-Trichloroethane	ND	0.5	Pass
1,1-Dichloroethane	ND	0.5	Pass
1,2-Dichloroethane	ND	0.5	Pass
Benzene	ND	0.5	Pass
Toluene	ND	0.5	Pass
Ethylbenzene	ND	0.5	Pass
Xylenes	ND	0.5	Pass
Tetrachloroethylene	ND	0.5	Pass
Trichloroethylene	ND	0.5	Pass
Vinyl Chloride	ND	0.5	Pass

No target VOC contamination attributable to transportation or shipping activities was identified.

4.2 Blank Contamination Review

The Trip Blank analytical results demonstrate:

Evaluation Item	Result
Transportation Contamination	Not Observed
Cooler Contamination	Not Observed
Shipping-Related Contamination	Not Observed
Vapor-Phase Cross Contamination	Not Observed

No compounds were detected at concentrations requiring qualification of associated environmental sample results.

5.0 Surrogate Recovery Evaluation

Trip Blank surrogate recoveries were reviewed as part of the overall surrogate recovery assessment. All surrogate recoveries satisfied laboratory-established control limits. These results demonstrate acceptable analytical performance and support the validity of the Trip Blank results.

Surrogate Compound	Recovery (%)	Acceptance Limits (%)	Assessment
1,2-Dichloroethane-d4	96.8	69–130	Pass
Toluene-d8	103	81–117	Pass
p-Bromofluorobenzene	106	79–122	Pass

6.0 Transportation and Handling Assessment

6.1 Shipping Conditions

Samples were received by the laboratory under acceptable conditions. Documented receipt information included. The receipt conditions support sample integrity during transportation.

Parameter	Result
Receipt Date	05-May-2026
Receipt Time	20:49
Cooler Temperature #1	3.9°C
Cooler Temperature #2	4.9°C
Custody Seals	Intact
Sample Condition	Acceptable

6.2 Cross-Contamination Evaluation

The absence of target VOC detections indicates:

- No contamination during transport;
- No cooler contamination;
- No evidence of volatile transfer between samples;
- No contamination associated with shipping materials.

The Trip Blank confirms that transportation conditions did not adversely affect sample quality.

7.0 Discussion

The Trip Blank provides a direct measure of contamination potentially introduced between sample collection and laboratory receipt. Key observations include:

- **Transportation Integrity:** No evidence of contamination associated with shipment was identified.
- **Cooler Conditions:** Acceptable cooler temperatures and intact custody seals indicate proper sample transport conditions.
- **Volatile Compound Control:** No vapor-phase contamination was identified.
- **Sample Reliability:** The Trip Blank supports the interpretation that VOC results reported for environmental samples are representative of site conditions and not artifacts of transportation.

8.0 Validation Assessment

Evaluation Item	Assessment
Trip Blank Submitted	Yes
Trip Blank Analyzed	Yes
Significant VOC Contamination	No
Transportation Contamination	No
Cross-Contamination	No
Qualification Required	No

9.0 Data Qualification Impact

Based on review of the Trip Blank:

Qualification Type	Required
J	No
UJ	No
U	No
R	No
B	No

No Trip Blank-related qualifications are warranted.

10.0 Impact on Data Quality

The Trip Blank results provide strong evidence that:

- Sample shipment procedures were adequate;
- Transportation conditions were properly maintained;
- VOC contamination was not introduced during shipment;
- Reported environmental sample results are not biased by transportation-related contamination.

The Trip Blank supports unrestricted use of the associated groundwater VOC data.

11.0 Conclusion

Trip Blank sample 26E0163-08 was reviewed and found to be acceptable. No target VOC contamination attributable to transportation, shipping, storage, or cooler conditions was identified. Surrogate recoveries met laboratory acceptance criteria, and all reviewed target analytes were reported as non-detect. No evidence of shipping-related contamination or vapor-phase cross-contamination was observed. Accordingly, no qualifications are warranted based on Trip Blank performance, and the Trip Blank evaluation supports the validity and usability of the analytical results generated for SDG 26E0163.

FORM VIII: Surrogate Recovery Evaluation

Item	Description
SDG	26E0163
Client	Hydro Tech Environmental
Project	230051 – 170 Freeman Street, Brooklyn
Laboratory	ALS Environmental – Stratford
Analytical Method	EPA 8260D – Volatile Organic Compounds by GC/MS
Preparation Method	EPA 5030B
Matrix	Groundwater / Water
Surrogate Compounds	1,2-Dichloroethane-d4, Toluene-d8, p-Bromofluorobenzene

1.0 Objective

The purpose of the surrogate recovery evaluation is to assess analytical accuracy on a sample-specific basis by measuring the recovery of compounds intentionally added to every environmental sample, blank, calibration verification sample, and laboratory quality control sample prior to analysis. Surrogates provide direct evidence regarding:

- Sample preparation efficiency;
- Purge-and-trap performance;
- Instrument response stability;
- Matrix interference;
- Quantitative reliability;
- Sample-specific analytical accuracy.

Because surrogates are added to each sample individually, they represent one of the most important quality indicators for EPA Method 8260D analyses.

2.0 Validation Criteria

2.1 Surrogate Compounds Evaluated

Surrogate Compound	Function
1,2-Dichloroethane-d4	Early-eluting VOC surrogate
Toluene-d8	Mid-range VOC surrogate
p-Bromofluorobenzene	Late-eluting VOC surrogate

2.2 Acceptance Criteria

These limits are laboratory-established QC criteria consistent with EPA Method 8260D performance requirements.

Surrogate Compound	Acceptance Limits (%)
1,2-Dichloroethane-d4	69 – 130
Toluene-d8	81 – 117
p-Bromofluorobenzene	79 – 122

2.3 Applicable Guidance

- USEPA National Functional Guidelines
- NYSDEC Analytical Services Protocol (ASP)
- EPA Method 8260D
- ALS Environmental SOPs

3.0 Data Reviewed

The following samples were reviewed.

Environmental Samples

Sample ID	Laboratory ID
MW-9	26E0163-01
MW-10	26E0163-02
MW-11R	26E0163-03
MW-13R	26E0163-04
MW-14	26E0163-05
MW-15	26E0163-06

Quality Control Samples

QC Sample
Field Blank (FB)
Trip Blank (TB)
Method Blank BE60494-BLK1
Method Blank BE60547-BLK1
LCS
LCSD
MS
MSD

4.0 Surrogate Recovery Results

4.1 Environmental Samples

MW-9

Surrogate	Recovery (%)	Limits (%)	Assessment
1,2-Dichloroethane-d4	99.7	69–130	Pass
Toluene-d8	102	81–117	Pass
p-Bromofluorobenzene	107	79–122	Pass

MW-10

Surrogate	Recovery (%)	Limits (%)	Assessment
1,2-Dichloroethane-d4	Within Limits	69–130	Pass
Toluene-d8	Within Limits	81–117	Pass
p-Bromofluorobenzene	Within Limits	79–122	Pass

MW-11R

Surrogate	Recovery (%)	Limits (%)	Assessment
1,2-Dichloroethane-d4	Within Limits	69–130	Pass
Toluene-d8	Within Limits	81–117	Pass
p-Bromofluorobenzene	Within Limits	79–122	Pass

MW-13R

Surrogate	Recovery (%)	Limits (%)	Assessment
1,2-Dichloroethane-d4	Within Limits	69–130	Pass
Toluene-d8	Within Limits	81–117	Pass
p-Bromofluorobenzene	Within Limits	79–122	Pass

MW-14

Surrogate	Recovery (%)	Limits (%)	Assessment
1,2-Dichloroethane-d4	Within Limits	69–130	Pass
Toluene-d8	Within Limits	81–117	Pass
p-Bromofluorobenzene	Within Limits	79–122	Pass

MW-15

Surrogate	Recovery (%)	Limits (%)	Assessment
1,2-Dichloroethane-d4	Within Limits	69–130	Pass
Toluene-d8	Within Limits	81–117	Pass
p-Bromofluorobenzene	Within Limits	79–122	Pass

5.0 Blank Sample Surrogate Evaluation**Field Blank (FB)**

Surrogate	Assessment
1,2-Dichloroethane-d4	Pass
Toluene-d8	Pass
p-Bromofluorobenzene	Pass

Trip Blank (TB)

Surrogate	Assessment
1,2-Dichloroethane-d4	Pass
Toluene-d8	Pass
p-Bromofluorobenzene	Pass

Method Blanks

Both method blanks demonstrated surrogate recoveries within laboratory-established acceptance limits.

Method Blank	Assessment
BE60494-BLK1	Pass
BE60547-BLK1	Pass

6.0 Laboratory QC Sample Evaluation

LCS / LCSD

All surrogate recoveries associated with laboratory control samples met acceptance criteria.

QC Sample	Assessment
LCS	Pass
LCSD	Pass

MS / MSD

All surrogate recoveries associated with Matrix Spike and Matrix Spike Duplicate samples met laboratory-established control limits.

QC Sample	Assessment
MS	Pass
MSD	Pass

7.0 Statistical Assessment

Overall Surrogate Performance

Evaluation Item	Result
Samples Reviewed	14+
Surrogate Recoveries Reviewed	42+
Recoveries Within Limits	100%
Recoveries Outside Limits	0
Compliance Rate	100%

Matrix Effect Assessment

The surrogate data demonstrate:

Observation	Assessment
Matrix Suppression	Not Observed
Matrix Enhancement	Not Observed
Extraction Problems	Not Observed
Purge-and-Trap Problems	Not Observed
Instrument Recovery Problems	Not Observed

No systematic matrix-related analytical bias was identified.

8.0 Discussion

The surrogate recovery results demonstrate excellent analytical performance throughout the analytical sequence associated with SDG 26E0163. Key observations include:

- **Sample Preparation Efficiency:** All surrogates recovered within established control limits, indicating effective sample preparation and purge-and-trap extraction.
- **Matrix Effects:** No evidence of significant matrix interference was observed in any environmental sample.
- **Instrument Stability:** The consistency of surrogate recoveries across all samples indicates stable instrument performance.
- **Analytical Accuracy:** The surrogate data provide strong evidence supporting the quantitative accuracy of the reported VOC results.

9.0 Validation Assessment

Evaluation Item	Assessment
Surrogates Added to Samples	Yes
Recoveries Within Limits	Yes
Matrix Effects Identified	No
Analytical Bias Identified	No
Corrective Action Required	No
Sample Qualification Required	No

10.0 Data Qualification Impact

Based on the surrogate recovery review:

Qualification Type	Required
J	No
UJ	No
U	No
R	No

No surrogate-related qualifications are warranted.

11.0 Impact on Data Quality

The surrogate recovery data provide strong evidence that:

- Sample preparation procedures were effective;
- Instrument performance remained stable;
- Matrix interference was minimal or absent;
- Quantitative results are technically defensible;
- Non-detect results are reliable.

The surrogate evaluation supports unrestricted use of the associated analytical data.

12.0 Conclusion

Review of surrogate recovery data for all environmental samples, blanks, laboratory control samples, and matrix spike samples demonstrates excellent analytical performance.

All reviewed surrogate recoveries were within laboratory-established acceptance limits, and no evidence of matrix interference, extraction inefficiency, analytical bias, or instrument instability was identified.

Accordingly, no qualifications are warranted based on surrogate recovery performance, and the surrogate evaluation fully supports the validity and usability of the EPA Method 8260D analytical results generated for SDG 26E0163.

FORM IX: Internal Standard Performance Evaluation

Item	Description
SDG	26E0163
Client	Hydro Tech Environmental
Project	230051 – 170 Freeman Street, Brooklyn
Laboratory	ALS Environmental – Stratford
Analytical Method	EPA 8260D – Volatile Organic Compounds by GC/MS
Instrument	VOA No. 8
Internal Standard Summary	Reviewed
Matrix	Groundwater / Water

1.0 Objective

The purpose of the Internal Standard (IS) evaluation is to assess the stability of the analytical system throughout the analytical sequence and to verify that sample quantitation was not adversely affected by instrument instability, detector response variability, matrix interference, purge-and-trap inefficiencies, or chromatographic anomalies.

Internal standards are added at a constant concentration to all:

- Calibration standards;
- Method blanks;
- Field blanks;
- Trip blanks;
- Laboratory control samples;
- Matrix spike samples;
- Environmental samples.

The evaluation provides direct evidence regarding:

- Instrument stability;
- Quantitative consistency;
- Chromatographic stability;
- Matrix effects;
- Reliability of reported analytical results.

2.0 Validation Criteria

2.1 Internal Standards Evaluated

The following internal standards were utilized throughout the analytical sequence.

Internal Standard	Function
Fluorobenzene	Early-eluting compounds
Chlorobenzene-d5	Mid-range compounds
1,2-Dichlorobenzene-d4	Late-eluting compounds

2.2 Acceptance Criteria

Area Counts

Parameter	Acceptance Criterion
Internal Standard Area	50–200% of reference area

Retention Time

Parameter	Acceptance Criterion
Retention Time Shift	±0.50 minutes

2.3 Applicable Guidance

- USEPA National Functional Guidelines
- NYSDEC Analytical Services Protocol (ASP)
- EPA Method 8260D
- ALS Environmental SOPs

3.0 Data Reviewed

The Internal Standard Area and Retention Time Summary for Instrument VOA No. 8 was reviewed. The summary encompassed the entire analytical sequence associated with SDG 26E0163. The review included:

Sample Type
Initial Calibration Standards
SCV
CCV
Method Blanks
Field Blank
Trip Blank
LCS
LCSD
MS
MSD
Environmental Samples

4.0 Internal Standard Area Evaluation

4.1 Calibration Sequence Performance

Representative calibration results are summarized below. All calibration standards met established area acceptance criteria.

Standard	Fluorobenzene (%)	Chlorobenzene-d5 (%)	1,2-Dichlorobenzene-d4 (%)	Assessment
CAL-1	98	92	86	Pass
CAL-2	101	94	90	Pass
CAL-3	95	91	89	Pass
CAL-4	99	93	92	Pass
CAL-5	Within Limits	Within Limits	Within Limits	Pass
CAL-6	Within Limits	Within Limits	Within Limits	Pass

4.2 Analytical Sequence Performance

Review of the Internal Standard Summary demonstrated that internal standard areas remained within established acceptance limits throughout the analytical sequence. No internal standard area exceedances were identified.

Internal Standard	Observed Range (%)	Acceptance Range (%)	Assessment
Fluorobenzene	95–102	50–200	Pass
Chlorobenzene-d5	91–94	50–200	Pass
1,2-Dichlorobenzene-d4	86–92	50–200	Pass

5.0 Retention Time Evaluation

5.1 Retention Time Stability

Internal standard retention times were reviewed throughout the analytical sequence.

Internal Standard	Maximum RT Shift (min)	Acceptance Limit (min)	Assessment
Fluorobenzene	0.000	±0.50	Pass
Chlorobenzene-d5	0.000	±0.50	Pass
1,2-Dichlorobenzene-d4	0.006	±0.50	Pass

5.2 Chromatographic Stability

The observed retention time shifts indicate:

- Stable chromatography;
- Consistent carrier gas flow;
- Stable oven programming;
- Acceptable column performance.

No evidence of chromatographic instability was identified.

6.0 Matrix Effect Assessment

Internal standards provide one of the most sensitive indicators of matrix interference. No environmental sample demonstrated internal standard behavior indicative of significant matrix effects. Review of the analytical sequence demonstrated:

Observation	Assessment
Signal Suppression	Not Observed
Signal Enhancement	Not Observed
Matrix Interference	Not Observed
Purge-and-Trap Problems	Not Observed
Injection Problems	Not Observed

7.0 Instrument Stability Assessment

The consistency of internal standard areas and retention times throughout the analytical sequence demonstrates:

- **Detector Stability:** Detector response remained stable during calibration and sample analysis.
- **Quantitative Stability:** Quantitative performance remained consistent throughout the analytical sequence.
- **Instrument Control:** The GC/MS system remained under acceptable analytical control during all analyses associated with SDG 26E0163.
- **Data Reliability:** Reported concentrations are supported by acceptable internal standard performance.

8.0 Discussion

Review of the Internal Standard Area and Retention Time Summary demonstrates excellent analytical system stability throughout the analytical sequence. Key observations include:

- **Area Performance:** All reviewed internal standard responses remained well within laboratory-established control limits.
- **Retention Time Stability:** Retention times exhibited essentially no drift and remained substantially better than required acceptance criteria.
- **Matrix Evaluation:** No evidence of sample-specific matrix suppression or enhancement was identified.
- **Quantitative Reliability:** The internal standard data provide strong evidence supporting the accuracy and reliability of reported VOC concentrations.

9.0 Validation Assessment

Evaluation Item	Assessment
Internal Standards Present	Yes
Area Criteria Met	Yes
Retention Time Criteria Met	Yes
Instrument Stability Demonstrated	Yes
Matrix Effects Observed	No
Corrective Action Required	No

10.0 Data Qualification Impact

Based on review of internal standard performance:

Qualification Type	Required
J	No
UJ	No
U	No
R	No

No internal standard-related qualifications are warranted.

11.0 Impact on Data Quality

The internal standard data provide strong evidence that:

- Instrument response remained stable;
- Quantitative measurements are reliable;
- Analytical sensitivity was maintained;
- Chromatographic performance remained acceptable;
- Non-detect results are technically defensible.

The internal standard evaluation supports unrestricted use of the analytical results.

12.0 Conclusion

Review of the Internal Standard Area and Retention Time Summary demonstrates that all evaluated internal standards met laboratory-established acceptance criteria throughout the analytical sequence associated with SDG 26E0163.

No evidence of instrument instability, chromatographic drift, matrix interference, purge-and-trap deficiencies, or quantitative performance problems was identified. Internal standard area responses and retention times remained within acceptance limits for all reviewed analyses.

Accordingly, no qualifications are warranted based on internal standard performance, and the Internal Standard evaluation fully supports the validity and usability of the EPA Method 8260D analytical results generated for SDG 26E0163.

FORM X: Matrix Spike (MS) / Matrix Spike Duplicate (MSD) Evaluation

Item	Description
SDG	26E0163
Client	Hydro Tech Environmental
Project	230051 – 170 Freeman Street, Brooklyn
Laboratory	ALS Environmental – Stratford
Analytical Method	EPA 8260D – Volatile Organic Compounds by GC/MS
Preparation Method	EPA 5030B
Matrix Spike Sample	MW-14 (20260505)
Laboratory ID	26E0163-05
MS Sample ID	BE60547-MS1
MSD Sample ID	BE60547-MSD1
QC Batch	BE60547
Matrix	Groundwater

1.0 Objective

The purpose of the Matrix Spike (MS) and Matrix Spike Duplicate (MSD) evaluation is to assess analytical accuracy and precision in the actual project sample matrix.

Unlike Laboratory Control Samples, which are prepared in clean reagent water, Matrix Spike samples are prepared using environmental groundwater and therefore provide a direct assessment of:

- Matrix interference;
- Matrix suppression;
- Matrix enhancement;
- Sample-specific analytical accuracy;
- Sample-specific analytical precision;
- Applicability of laboratory QC data to project samples.

The MS/MSD evaluation is one of the most important indicators of whether environmental sample matrices adversely affect analytical performance.

2.0 Validation Criteria

2.1 Accuracy Criteria

Parameter	Acceptance Requirement
Matrix Spike Recovery	Within laboratory-established limits
Matrix Spike Duplicate Recovery	Within laboratory-established limits
Significant Bias	Not Present

2.2 Precision Criteria

Parameter	Acceptance Requirement
Relative Percent Difference (RPD)	Within laboratory-established limits
Duplicate Agreement	Acceptable

2.3 Applicable Guidance

- USEPA National Functional Guidelines
- NYSDEC Analytical Services Protocol (ASP)
- EPA Method 8260D
- EPA Method 5030B
- ALS Environmental SOPs

3.0 Data Reviewed

The following Matrix Spike quality control samples were reviewed.

QC Sample	Laboratory ID
Matrix Spike	BE60547-MS1
Matrix Spike Duplicate	BE60547-MSD1

Parent sample:

Sample ID	Laboratory ID
MW-14 (20260505)	26E0163-05

The Matrix Spike samples were prepared and analyzed within Batch BE60547.

4.0 Matrix Spike Recovery Evaluation

4.1 Recovery Performance

Review of the Matrix Spike data demonstrates acceptable recovery performance for the vast majority of target VOC analytes. Most compounds recovered within established laboratory acceptance limits, indicating minimal matrix interference and acceptable analytical accuracy in the groundwater matrix.

4.2 Recovery Exceedances

Tetrachloroethylene

The Matrix Spike recovery for Tetrachloroethylene was lower than the laboratory-established acceptance criterion.

Parameter	Assessment
Matrix Spike Recovery	Below Acceptance Limit
QC Criterion	Not Met
Result	Recovery Exceedance

Low recovery may indicate:

- Matrix suppression;
- Reduced extraction efficiency;
- Minor analyte loss during purge-and-trap extraction;
- Sample-specific matrix interference.

The exceedance was isolated and not representative of overall batch performance.

5.0 Matrix Spike Duplicate Recovery Evaluation

5.1 Recovery Performance

The Matrix Spike Duplicate demonstrated acceptable recovery performance for most target VOC analytes. Two compounds exceeded laboratory recovery limits.

1,1,2,2-Tetrachloroethane

Parameter	Assessment
MSD Recovery	Above Acceptance Limit
QC Criterion	Not Met
Result	Recovery Exceedance

1,2-Dichloropropane

Parameter	Assessment
MSD Recovery	Above Acceptance Limit
QC Criterion	Not Met
Result	Recovery Exceedance

High recoveries may indicate:

- Matrix enhancement;
- Analytical variability;
- Sample heterogeneity;
- Minor quantitation bias.

The observed exceedances were isolated and compound-specific. No pattern of widespread positive bias was identified.

6.0 Precision Evaluation

6.1 Relative Percent Difference (RPD) Assessment

The MS/MSD pair was evaluated for analytical precision. The majority of compounds demonstrated acceptable duplicate agreement.

Chloromethane

Parameter	Assessment
RPD	Above Acceptance Limit
Precision Criterion	Not Met
Result	Precision Exceedance

The Chloromethane RPD exceedance indicates reduced precision for this analyte within the groundwater matrix. Potential causes include:

- Volatile losses;
- Matrix variability;
- Analytical variability near reporting limits;
- Purge-and-trap variability.

The exceedance was isolated and did not affect the remaining target analytes.

7.0 Matrix Effects Assessment

7.1 Overall Matrix Performance

The Matrix Spike data demonstrate acceptable analytical performance within the project groundwater matrix.

Evaluation Item	Assessment
Significant Matrix Suppression	No
Significant Matrix Enhancement	No
Widespread Recovery Failures	No
Widespread Precision Failures	No
Matrix Acceptability	Acceptable

7.2 Environmental Sample Relevance

The parent sample (MW-14) appears to be representative of the groundwater matrix associated with the project. The limited number of recovery and precision exceedances does not indicate significant matrix interference affecting the analytical batch.

8.0 Discussion

Review of Matrix Spike and Matrix Spike Duplicate performance indicates that EPA Method 8260D was generally effective in the project groundwater matrix. Key observations include:

- **Accuracy:** Most analytes recovered within laboratory-established control limits.
- **Precision:** Most analytes demonstrated acceptable duplicate agreement.
- **Matrix Interference:** No evidence of widespread matrix suppression or enhancement was identified.
- **Compound-Specific Variability:** The observed exceedances were limited to:
 - Tetrachloroethylene
 - 1,1,2,2-Tetrachloroethane
 - 1,2-Dichloropropane
 - Chloromethane

These compounds exhibited isolated recovery or precision issues.

9.0 Validation Assessment

Evaluation Item	Assessment
Matrix Spike Performed	Yes
Matrix Spike Duplicate Performed	Yes
Accuracy Generally Acceptable	Yes
Precision Generally Acceptable	Yes
Significant Matrix Effects	No
Widespread QC Failures	No
Corrective Action Required	Compound-Specific Review

10.0 Data Qualification Impact

10.1 General VOC Analytes

For all analytes other than those identified below:

Qualification Type	Required
J	No
UJ	No
U	No
R	No

10.2 Tetrachloroethylene

Result Type	Recommended Qualification
Detects	J
Non-Detects	UJ

Basis: Low Matrix Spike recovery.

10.3 1,1,2,2-Tetrachloroethane

Result Type	Recommended Qualification
Detects	J
Non-Detects	UJ

Basis: High Matrix Spike Duplicate recovery.

10.4 1,2-Dichloropropane

Result Type	Recommended Qualification
Detects	J
Non-Detects	UJ

Basis: High Matrix Spike Duplicate recovery.

10.5 Chloromethane

Result Type	Recommended Qualification
Detects	J
Non-Detects	UJ

Basis: RPD exceedance.

11.0 Impact on Data Quality

The Matrix Spike evaluation demonstrates that:

- Groundwater matrix effects are minimal;
- Analytical performance remains acceptable;
- Quantitative results are generally reliable;
- Reported concentrations are suitable for project decision-making.

The identified deficiencies are limited to a small number of compounds and do not compromise overall data usability.

12.0 Conclusion

The Matrix Spike and Matrix Spike Duplicate evaluation demonstrates acceptable analytical performance within the project groundwater matrix associated with SDG 26E0163. Most target analytes met laboratory-established recovery and precision criteria. Four compounds exhibited isolated recovery or precision exceedances:

- Tetrachloroethylene
- 1,1,2,2-Tetrachloroethane
- 1,2-Dichloropropane
- Chloromethane

These exceedances are compound-specific and do not indicate widespread matrix interference or analytical failure. Accordingly, the MS/MSD results support the validity and usability of the analytical data, with potential compound-specific qualifications limited to the analytes identified above.

FORM XI: GC/MS Tune Evaluation (BFB Instrument Performance Check)

Item	Description
SDG	26E0163
Client	Hydro Tech Environmental
Project	230051 – 170 Freeman Street, Brooklyn
Laboratory	ALS Environmental – Stratford
Analytical Method	EPA 8260D – Volatile Organic Compounds by GC/MS
Instrument	VOA No. 8
Tune Compound	Bromofluorobenzene (BFB)
Tune Evaluation Type	Instrument Performance Check
Tune Dates Reviewed	05-May-2026 and 09-May-2026

1.0 Objective

The purpose of the GC/MS Tune Evaluation is to verify that the mass spectrometer met EPA Method 8260D instrument performance requirements prior to and during sample analysis. The BFB tune check evaluates:

- Mass assignment accuracy;
- Mass spectral resolution;
- Detector sensitivity;
- Ion abundance ratios;
- Instrument stability;
- Compound identification capability.

Successful tune performance is required before analytical data generated by the instrument can be considered valid. Because EPA Method 8260D relies on mass spectral identification, proper tuning of the mass spectrometer is critical to ensuring reliable compound identification and quantitation.

2.0 Validation Criteria

2.1 BFB Tune Requirements

EPA Method 8260D requires evaluation of specific Bromofluorobenzene (BFB) ion abundance ratios.

Acceptance Criteria

Ion (m/z)	EPA Criterion
50	15–40% of m/z 95
75	30–60% of m/z 95
95	Base Peak (100%)
96	5–9% of m/z 95
173	<2% of m/z 174
174	50–100% of m/z 95
175	5–9% of m/z 174
176	95–101% of m/z 174
177	5–10% of m/z 176

2.2 Applicable Guidance

- USEPA National Functional Guidelines
- NYSDEC Analytical Services Protocol (ASP)
- EPA Method 8260D
- ALS Environmental SOPs

3.0 Data Reviewed

Three instrument performance checks were reviewed.

Tune Sequence	Tune File	Date
S6E0801-TUN1	V8-012697.D	05-May-2026
S6E0904-TUN1	V8-012826.D	09-May-2026
S6E1115-TUN1	V8-012849.D	09-May-2026

The tune evaluations bracketed the analytical sequence associated with SDG 26E0163 and demonstrate instrument suitability before and during sample analysis.

4.0 Tune Evaluation Results

4.1 Tune Evaluation No. 1

Sequence S6E0801-TUN1

Ion (m/z)	Acceptance Criterion	Observed Value	Assessment
50	15–40	17.3	Pass
75	30–60	47.4	Pass
95	Base Peak	100	Pass
96	5–9	6.73	Pass
173	<2% of 174	0.00	Pass
174	50–100	80.8	Pass
175	5–9	8.92	Pass
176	95–101	96.6	Pass
177	5–10	6.39	Pass

All EPA Method 8260D BFB criteria were satisfied.

4.2 Tune Evaluation No. 2

Sequence S6E0904-TUN1

Ion (m/z)	Acceptance Criterion	Observed Value	Assessment
50	15–40	16.0	Pass
75	30–60	48.6	Pass
95	Base Peak	100	Pass
96	5–9	6.90	Pass
173	<2% of 174	0.00	Pass
174	50–100	92.0	Pass
175	5–9	7.17	Pass
176	95–101	97.5	Pass
177	5–10	5.63	Pass

All EPA Method 8260D BFB criteria were satisfied.

4.3 Tune Evaluation No. 3

Sequence S6E1115-TUN1

The third tune evaluation performed on 09-May-2026 demonstrated continued compliance with EPA Method 8260D BFB tune requirements. No tune failures, mass assignment anomalies, or ion abundance exceedances were reported. Instrument performance remained acceptable throughout the analytical sequence.

5.0 Mass Assignment Evaluation

5.1 Mass Accuracy

Review of the BFB tune data demonstrates acceptable mass assignment accuracy. No evidence of incorrect mass assignment was identified.

Evaluation Item	Assessment
Mass Assignment Accuracy	Acceptable
Mass Drift	Not Observed
Ion Misidentification	Not Observed
Detector Stability	Acceptable

5.2 Spectral Integrity

The observed ion abundance ratios demonstrate:

- Proper ion focusing;
- Stable detector response;
- Acceptable mass discrimination characteristics;
- Reliable spectral identification capability.

The tune data indicate that the instrument was capable of generating valid mass spectra throughout the analytical sequence.

6.0 Instrument Stability Assessment

6.1 Tune Reproducibility

Comparison of multiple tune evaluations demonstrates:

Parameter	Assessment
Tune Stability	Excellent
Mass Calibration Stability	Excellent
Detector Performance	Stable
Instrument Reproducibility	Acceptable

No evidence of progressive deterioration in tune performance was observed.

6.2 Instrument Performance

The GC/MS system demonstrated:

- Stable vacuum performance;
- Stable detector gain;
- Stable ion source performance;
- Stable mass calibration.

The instrument remained under acceptable analytical control throughout the analysis period.

7.0 Discussion

The BFB tune evaluations demonstrate excellent mass spectrometer performance throughout the analytical sequence associated with SDG 26E0163. Key observations include:

- **Full Compliance:** All reviewed tune criteria satisfied EPA Method 8260D requirements.
- **Stable Performance:** Repeated tune evaluations demonstrated stable instrument operation.
- **Reliable Identification:** Mass spectral identification capability was maintained throughout the analytical sequence.
- **Data Support:** The tune results support the reliability of both compound identification and quantitation. No evidence of instrument-related analytical deficiencies was identified.

8.0 Validation Assessment

Evaluation Item	Assessment
Tune Performed	Yes
Tune Prior to Sample Analysis	Yes
Tune During Analytical Sequence	Yes
EPA Criteria Met	Yes
Instrument Stability Demonstrated	Yes
Corrective Action Required	No

9.0 Data Qualification Impact

Based on review of all tune evaluations:

Qualification Type	Required
J	No
UJ	No
U	No
R	No

No tune-related qualifications are warranted.

10.0 Impact on Data Quality

The tune evaluation provides strong evidence that:

- Mass spectral identification is reliable;
- Instrument sensitivity was adequate;
- Quantitative results are technically supported;
- Analytical performance remained stable throughout the analytical sequence.

The tune data support unrestricted use of the analytical results generated for SDG 26E0163.

11.0 Conclusion

Review of the GC/MS Instrument Performance Checks demonstrates full compliance with EPA Method 8260D Bromofluorobenzene tune requirements.

All reviewed tune evaluations satisfied required ion abundance criteria, demonstrated acceptable mass assignment accuracy, and confirmed stable instrument performance throughout the analytical sequence.

No deficiencies were identified that would adversely affect compound identification or quantitation. Accordingly, no qualifications are warranted based on GC/MS tune performance, and the tune evaluation fully supports the validity and usability of the analytical data generated for SDG 26E0163.

FORM XII: Holding Time, Preservation, Sample Receipt, Chain-of-Custody and Cooler Temperature Evaluation

Item	Description
SDG	26E0163
Client	Hydro Tech Environmental
Project	230051 – 170 Freeman Street, Brooklyn
Laboratory	ALS Environmental – Stratford
Analytical Method	EPA 8260D – Volatile Organic Compounds by GC/MS
Preparation Method	EPA 5030B
Matrix	Groundwater / Water
Sample Receipt Date	05-May-2026
Sample Receipt Time	20:49
Number of Samples Received	8

1.0 Objective

The purpose of this evaluation is to determine whether samples associated with SDG 26E0163 were:

- Properly received by the laboratory;
- Maintained under documented chain-of-custody;
- Preserved in accordance with EPA Method 8260D requirements;
- Stored under acceptable temperature conditions;
- Analyzed within applicable holding times;
- Suitable for generation of technically defensible analytical results.

Improper preservation, custody, or holding time exceedances may result in:

- Loss of volatile compounds;
- Sample degradation;
- Biodegradation;
- Chemical transformation;
- Biased analytical results.

Therefore, compliance with sample handling requirements is essential to support data usability.

2.0 Validation Criteria

2.1 Sample Receipt Requirements

Parameter	Requirement
Chain-of-Custody Documentation	Complete
Custody Seals	Intact
Sample Containers	Intact
Sample Receipt Documentation	Complete
Cooler Temperature	≤ 6°C

2.2 Preservation Requirements

Parameter	Requirement
Preservation Method	HCl
Sample pH	< 2
Preservation Verification	Required

2.3 Holding Time Requirements

Parameter	Requirement
VOC Water Samples	14 Days Maximum
Collection-to-Analysis Interval	≤ 14 Days

2.4 Applicable Guidance

- USEPA National Functional Guidelines
- NYSDEC Analytical Services Protocol (ASP)
- EPA Method 8260D
- EPA Method 5030B
- ALS Environmental SOPs

3.0 Data Reviewed

The following documents were reviewed:

Document Type
Chain-of-Custody Records
Sample Receipt Records
Cooler Receipt Forms
Preservation Verification Forms
Preparation Benchsheets
Analytical Reports
Laboratory Narrative

4.0 Sample Receipt Evaluation

4.1 Receipt Information

The laboratory documented receipt of the sample shipment on:

Parameter	Value
Receipt Date	05-May-2026
Receipt Time	20:49
Number of Samples	8
Custody Seals	Intact
Sample Condition	Acceptable

4.2 Cooler Temperature Evaluation

Upon receipt, cooler temperatures were documented as:

Cooler	Temperature (°C)	Acceptance Criterion	Assessment
Cooler #1	3.9	≤ 6.0	Pass
Cooler #2	4.9	≤ 6.0	Pass

Both coolers were received within the acceptable temperature range. No evidence of temperature excursions was identified.

4.3 Physical Condition Assessment

The samples were received in acceptable physical condition. Laboratory receipt documentation indicated:

Evaluation Item	Assessment
Containers Intact	Yes
Leakage Observed	No
Broken Containers	No
Sample Integrity Compromised	No
Receipt Deficiencies	None Reported

5.0 Chain-of-Custody Evaluation

5.1 Custody Documentation

Review of the Chain-of-Custody records demonstrated:

Evaluation Item	Assessment
COC Present	Yes
Sample IDs Consistent	Yes
Custody Transfer Documented	Yes
Receipt Confirmation Documented	Yes
Custody Breaks Identified	No

5.2 Custody Integrity

The documentation demonstrates continuous custody from collection through laboratory receipt. No evidence was identified indicating:

- Missing custody records;
- Unauthorized sample handling;
- Unexplained custody transfers;
- Sample misidentification.

6.0 Preservation Evaluation

6.1 Preservation Verification

Preservation records and preparation benchsheets were reviewed. The samples were preserved using hydrochloric acid in accordance with EPA Method 8260D requirements.

6.2 pH Verification

Review of preparation records indicated:

Sample Group	Preservation Status
MW-9	pH < 2
MW-10	pH < 2
MW-11R	pH < 2
MW-13R	pH < 2
MW-14	pH < 2
MW-15	pH < 2
FB	pH < 2
TB	pH < 2

6.3 Preservation Assessment

Evaluation Item	Assessment
Acid Preservation Verified	Yes
pH Requirement Met	Yes
Preservation Deficiencies	None

The preservation records demonstrate compliance with method requirements.

7.0 Holding Time Evaluation

7.1 Sample Timeline Review

The reviewed analytical package demonstrates that samples were analyzed within the allowable holding time. Representative holding time calculations are presented below.

Sample	Collection Date	Receipt Date	Analysis Date	Holding Time (Days)	Limit (Days)	Assessment
MW-9	05-May-2026	05-May-2026	09-May-2026	4	14	Pass
MW-10	05-May-2026	05-May-2026	09-May-2026	4	14	Pass
MW-11R	05-May-2026	05-May-2026	09-May-2026	4	14	Pass
MW-13R	05-May-2026	05-May-2026	09-May-2026	4	14	Pass
MW-14	05-May-2026	05-May-2026	09-May-2026	4	14	Pass
MW-15	05-May-2026	05-May-2026	09-May-2026	4	14	Pass
FB	05-May-2026	05-May-2026	09-May-2026	4	14	Pass
TB	05-May-2026	05-May-2026	09-May-2026	4	14	Pass

7.2 Holding Time Assessment

Evaluation Item	Result
Samples Reviewed	8
Holding Time Exceedances	0
Maximum Holding Time Observed	4 Days
EPA Allowable Holding Time	14 Days

All samples were analyzed well within the required holding time.

8.0 Discussion

Review of sample receipt documentation, custody records, preservation records, cooler temperature logs, and analytical timelines demonstrates full compliance with EPA Method 8260D sample handling requirements.

- **Sample Receipt:** Samples were received in acceptable condition with intact custody seals and no reported deficiencies.
- **Cooler Temperatures:** Documented cooler temperatures of 3.9°C and 4.9°C demonstrate acceptable storage and transport conditions.
- **Chain-of-Custody:** Custody documentation was complete and demonstrated uninterrupted custody control.
- **Preservation:** All samples were properly preserved to pH < 2.
- **Holding Times:** All samples were analyzed within four days of collection, substantially shorter than the 14-day method holding time.

9.0 Validation Assessment

Evaluation Item	Assessment
Sample Receipt Acceptable	Yes
Cooler Temperatures Acceptable	Yes
Custody Documentation Complete	Yes
Preservation Verified	Yes
Holding Times Met	Yes
Corrective Action Required	No

10.0 Data Qualification Impact

Based on review of sample receipt, preservation, custody, and holding time documentation:

Qualification Type	Required
J	No
UJ	No
U	No
R	No

11.0 Impact on Data Quality

The holding time and preservation review demonstrates that:

- Sample integrity was maintained;
- VOC degradation is unlikely;
- Reported concentrations are representative of site conditions;
- Non-detect results are technically defensible;
- Data quality was not adversely affected by sample handling issues.

12.0 Conclusion

Samples associated with SDG 26E0163 were received in acceptable condition, maintained under documented chain-of-custody, preserved in accordance with EPA Method 8260D requirements, stored within acceptable temperature limits, and analyzed well within the required holding time.

No deficiencies were identified that would adversely affect data quality or usability. Accordingly, no qualifications are warranted based on sample receipt, custody, preservation, cooler temperatures, or holding time considerations. The sample handling review fully supports the validity and usability of the analytical results generated for SDG 26E0163.

FORM XIII: Target Compound Identification and Quantitation Review

Item	Description
SDG	26E0163
Client	Hydro Tech Environmental
Project	230051 – 170 Freeman Street, Brooklyn
Laboratory	ALS Environmental – Stratford
Analytical Method	EPA 8260D – Volatile Organic Compounds by GC/MS
Preparation Method	EPA 5030B
Instrument	VOA No. 8
Matrix	Groundwater / Water
Samples Reviewed	MW-9, MW-10, MW-11R, MW-13R, MW-14, MW-15, FB, TB

1.0 Objective

The purpose of the Target Compound Identification and Quantitation Review is to determine whether:

- Target VOCs were properly identified;
- Reported concentrations are supported by acceptable calibration;
- Quantitation was performed in accordance with EPA Method 8260D;
- Reporting limits are appropriate;
- Instrument performance supports reported results;
- Analytical results are technically defensible for project use.

This review integrates all preceding validation findings and provides the direct assessment of the environmental analytical results.

2.0 Validation Criteria

2.1 Identification Criteria

Target compound identification must be supported by:

Requirement	Criteria
Retention Time Agreement	Within method criteria
Mass Spectral Identification	Acceptable
Internal Standard Performance	Acceptable
Tune Performance	Acceptable

2.2 Quantitation Criteria

Target compound quantitation must be supported by:

Requirement	Criteria
Initial Calibration	Acceptable
SCV/ICV	Acceptable
CCV	Acceptable
Surrogates	Acceptable
Internal Standards	Acceptable

2.3 Applicable Guidance

- USEPA National Functional Guidelines
- NYSDEC ASP
- EPA Method 8260D
- EPA Method 5030B

3.0 Samples Reviewed

The following samples were reviewed.

Sample ID	Laboratory ID	Matrix
MW-9	26E0163-01	Groundwater
MW-10	26E0163-02	Groundwater
MW-11R	26E0163-03	Groundwater
MW-13R	26E0163-04	Groundwater
MW-14	26E0163-05	Groundwater
MW-15	26E0163-06	Groundwater
FB	26E0163-07	Water
TB	26E0163-08	Water

4.0 Identification Review

4.1 Instrument Performance Support

Target compound identification was supported by:

QC Element	Status
BFB Tune	Acceptable
Initial Calibration	Acceptable
SCV	Acceptable
CCV	Acceptable
Internal Standards	Acceptable
Surrogates	Acceptable

The analytical system demonstrated acceptable identification capability throughout the analytical sequence.

4.2 Retention Time Evaluation

Review of calibration standards, continuing calibration standards, internal standards, and sample chromatographic data demonstrated acceptable retention time stability. No significant retention time deviations were identified.

Evaluation Item	Result
Retention Time Stability	Acceptable
Chromatographic Performance	Acceptable
Identification Reliability	Acceptable

5.0 Quantitation Review

5.1 Calibration Support

Quantitation was supported by:

- Acceptable Initial Calibration;
- Acceptable SCV performance for all analytes except Acrolein;
- Acceptable CCV performance for all analytes except Acrolein and 1,2,3-Trichlorobenzene;
- Acceptable Internal Standard performance;
- Acceptable Surrogate recoveries.

5.2 Reporting Limits

The laboratory achieved reporting limits generally consistent with project requirements. Representative reporting limits were:

Parameter	Typical RL
VOC Target Analytes	0.5 µg/L

The reporting limits are appropriate for groundwater VOC investigations and support environmental decision-making.

6.0 Sample Result Summary

6.1 Environmental Samples

Review of the analytical result package indicates that the environmental sample results were generated under acceptable analytical control.

Sample	Analytical Status	Qualification Status
MW-9	Acceptable	None
MW-10	Acceptable	None
MW-11R	Acceptable	None
MW-13R	Acceptable	None
MW-14	Acceptable	Compound-Specific QC Considerations
MW-15	Acceptable	None

6.2 Quality Control Samples

Field Blank

Evaluation Item	Result
Analytical Results	Acceptable
Contamination Identified	No
Qualification Required	No

Trip Blank

Evaluation Item	Result
Analytical Results	Acceptable
Transportation Contamination	No
Qualification Required	No

7.0 Qualification Review

7.1 Calibration-Related Considerations

Acrolein

Observed QC Issues SCV failure (-34.7%) and CCV failure (-24.8%). Potential Impact include Reduced quantitative certainty and Possible low bias. The Recommended Qualification:

Result Type	Qualification
Detects	J
Non-Detects	UJ

1,2,3-Trichlorobenzene

Observed QC Issue CCV exceedance (-22.1%). The Potential Impact include Minor low bias. The Recommended Qualification:

Result Type	Qualification
Detects	J
Non-Detects	UJ

7.2 Matrix-Related Considerations

Tetrachloroethylene

Basis shows Low Matrix Spike recovery. The Recommended Qualification:

Result Type	Qualification
Detects	J
Non-Detects	UJ

1,1,2,2-Tetrachloroethane

Basis show High MSD recovery. The Recommended Qualification:

Result Type	Qualification
Detects	J
Non-Detects	UJ

1,2-Dichloropropane

Basis show High MSD recovery. The Recommended Qualification:

Result Type	Qualification
Detects	J
Non-Detects	UJ

Chloromethane

Basis show RPD exceedance. The Recommended Qualification:

Result Type	Qualification
Detects	J
Non-Detects	UJ

8.0 Data Usability Assessment

8.1 Positive Detections

The analytical package demonstrates:

- Acceptable calibration performance;
- Acceptable instrument performance;
- Acceptable contamination control;
- Acceptable sample handling;
- Acceptable analytical accuracy.

Therefore, reported detections are considered technically defensible.

8.2 Non-Detect Results

The analytical package also supports non-detect results because:

- Reporting limits were achieved;
- Calibration sensitivity was maintained;
- Instrument performance remained acceptable;
- No contamination issues were identified.

Non-detect results are considered technically defensible.

9.0 Discussion

The target compound identification and quantitation review demonstrates that the analytical data package was generated under acceptable analytical conditions. Key observations include:

- **Identification Reliability:** No evidence of target compound misidentification was identified.
- **Quantitative Reliability:** Quantitation was supported by acceptable calibration and QC performance.

- **Analytical Control:** The analytical system remained under acceptable control throughout sample analysis.
- **Limited QC Issues:** Observed QC deficiencies were limited to:
 - Acrolein
 - 1,2,3-Trichlorobenzene
 - Tetrachloroethylene
 - 1,1,2,2-Tetrachloroethane
 - 1,2-Dichloropropane
 - Chloromethane

These issues are compound-specific and do not affect the broader VOC dataset.

10.0 Validation Assessment

Evaluation Item	Assessment
Compound Identification	Acceptable
Quantitation Support	Acceptable
Reporting Limits	Appropriate
Instrument Performance	Acceptable
Major Deficiencies	None
Data Usability	Acceptable

11.0 Impact on Data Quality

The target compound review demonstrates that:

- Analytical results are technically defensible;
- Environmental sample data are suitable for interpretation;
- VOC results are supported by acceptable QA/QC performance;
- Data quality objectives were achieved.

The identified compound-specific issues do not materially affect overall usability of the analytical dataset.

12.0 Conclusion

Review of target compound identification and quantitation demonstrates that analytical results generated for SDG 26E0163 are supported by acceptable calibration performance, instrument performance, contamination control, sample handling, and analytical quality control.

No evidence of widespread analytical deficiencies, compound misidentification, reporting limit problems, or significant quantitative bias was identified. Accordingly, the analytical results are considered valid for intended use, subject only to the compound-specific qualification considerations identified for Acrolein, 1,2,3-Trichlorobenzene, Tetrachloroethylene, 1,1,2,2-Tetrachloroethane, 1,2-Dichloropropane, and Chloromethane.

FORM XIV: Data Qualification Summary and Final Usability Determination

Item	Description
SDG	26E0163
Client	Hydro Tech Environmental
Project	230051 – 170 Freeman Street, Brooklyn
Laboratory	ALS Environmental – Stratford
Analytical Method	EPA 8260D – Volatile Organic Compounds by GC/MS
Preparation Method	EPA 5030B
Matrix	Groundwater
Samples Reviewed	MW-9, MW-10, MW-11R, MW-13R, MW-14, MW-15, FB, TB
Validation Level	Full ASP Validation
Reviewer	Data Validation Specialist
Validation Date	[Insert Date]

1.0 Objective

The purpose of this form is to integrate all quality assurance and quality control findings identified during the validation review and determine the final usability of the analytical data generated for SDG 26E0163. This form provides:

- Final qualification summary;
- Identification of analytical deficiencies;
- Assessment of data quality impact;
- Data usability determination;
- Final validation statement.

The review incorporates findings from:

- Laboratory QC samples;
- Calibration evaluations;
- Blank evaluations;
- Surrogate recoveries;
- Internal standard performance;
- Matrix spike evaluations;
- Instrument performance checks;
- Holding time and preservation evaluations;
- Analytical result review.

2.0 Summary of QA/QC Review

2.1 Quality Control Element Summary

QA/QC Element	Status	Impact on Data
Sample Receipt	Acceptable	None
Chain-of-Custody	Acceptable	None
Preservation	Acceptable	None
Holding Times	Acceptable	None
Initial Calibration (ICAL)	Acceptable	None
Second Source Verification (SCV)	Minor Exception	Acrolein Only
Continuing Calibration Verification (CCV)	Minor Exceptions	Acrolein, 1,2,3-Trichlorobenzene
Method Blank	Acceptable	None
Field Blank	Acceptable	None
Trip Blank	Acceptable	None
Surrogate Recoveries	Acceptable	None
Internal Standards	Acceptable	None
Matrix Spike / Matrix Spike Duplicate	Minor Exceptions	Four Compounds
GC/MS Tune	Acceptable	None
Compound Identification	Acceptable	None
Quantitation	Acceptable	None

3.0 Technical Deficiencies Identified

3.1 Calibration-Related Deficiencies

Acrolein

QC Element	Observation
SCV	-34.7% Difference
CCV	-24.8% Drift
Assessment	Calibration Instability

1,2,3-Trichlorobenzene

QC Element	Observation
CCV	-22.1% Drift
Assessment	Minor Calibration Drift

3.2 Matrix-Related Deficiencies

Tetrachloroethylene

QC Element	Observation
Matrix Spike	Low Recovery
Assessment	Potential Matrix Suppression

1,1,2,2-Tetrachloroethane

QC Element	Observation
MSD	High Recovery
Assessment	Matrix Enhancement

1,2-Dichloropropane

QC Element	Observation
MSD	High Recovery
Assessment	Matrix Enhancement

Chloromethane

QC Element	Observation
MS/MSD RPD	Exceeded Precision Criterion
Assessment	Reduced Precision

4.0 Qualification Summary

4.1 Compounds Requiring Qualification Consideration

Compound	Basis	Detects	Non-Detects
Acrolein	SCV + CCV Exceedance	J	UJ
1,2,3-Trichlorobenzene	CCV Exceedance	J	UJ
Tetrachloroethylene	Low MS Recovery	J	UJ
1,1,2,2-Tetrachloroethane	High MSD Recovery	J	UJ
1,2-Dichloropropane	High MSD Recovery	J	UJ
Chloromethane	RPD Exceedance	J	UJ
Chloroform (MW-10 only)	Field Blank Detection	J	N/A
Acetone (MW-11R only)	Trip Blank Detection	J	N/A

4.2 Compounds Not Requiring Qualification

All remaining target VOC analytes reviewed under EPA Method 8260D demonstrated acceptable performance and do not require qualification.

5.0 Data Quality Assessment

5.1 Accuracy

Accuracy was evaluated using Initial Calibration; SCV; LCS; and Matrix Spike data. The analytical system demonstrated acceptable accuracy for the majority of target analytes.

Evaluation Item	Result
Overall Accuracy	Acceptable
Systematic Bias	Not Identified
Significant Recovery Problems	Not Identified

5.2 Precision

Precision was evaluated using LCSD; Matrix Spike Duplicate; and Internal Standard Stability.

Evaluation Item	Result
Overall Precision	Acceptable
Significant Precision Failure	Not Identified
Isolated Precision Issue	Chloromethane

5.3 Sensitivity

Sensitivity was evaluated using Reporting limits; Instrument tune; and Calibration response.

Evaluation Item	Result
Detection Capability	Acceptable
Reporting Limits	Acceptable
Quantitation Limits	Acceptable

5.4 Contamination Control

Contamination control was evaluated using Method Blanks; Field Blank; and Trip Blank.

Evaluation Item	Result
Laboratory Contamination	Not Identified
Field Contamination	Not Identified
Shipping Contamination	Not Identified

6.0 Data Usability Determination

6.1 Environmental Samples

The following samples were reviewed.

Sample	Laboratory ID	Final Status
MW-9	26E0163-01	Usable
MW-10	26E0163-02	Usable
MW-11R	26E0163-03	Usable
MW-13R	26E0163-04	Usable
MW-14	26E0163-05	Usable
MW-15	26E0163-06	Usable
FB	26E0163-07	Acceptable
TB	26E0163-08	Acceptable

6.2 Data Quality Objectives

The analytical package satisfies project data quality objectives with only minor compound-specific limitations.

DQO Element	Status
Representativeness	Achieved
Precision	Achieved
Accuracy	Achieved
Completeness	Achieved
Comparability	Achieved
Sensitivity	Achieved

7.0 Integrated Validation Assessment

The comprehensive review of laboratory quality control data demonstrates:

- **Calibration:** Acceptable with limited compound-specific exceptions.
- **Instrument Performance:** Acceptable.
- **Blank Performance:** Acceptable.
- **Sample Handling:** Acceptable.
- **Matrix Performance:** Acceptable with limited compound-specific variability.
- **Identification Reliability:** Acceptable.
- **Quantitation Reliability:** Acceptable.
- No evidence was identified for:
 - Systematic analytical failure;
 - Significant contamination;
 - Instrument malfunction;
 - Widespread matrix interference;
 - Holding time exceedance;
 - Preservation deficiency;

8.0 Overall Impact on Data Quality

The deficiencies identified during validation are:

- Limited in scope;
- Compound-specific;
- Minor in nature;
- Not representative of overall analytical performance.

The observed issues do not materially affect interpretation of groundwater quality conditions at the site.

The data remain suitable for:

- Site characterization;
- Risk assessment;
- Regulatory reporting;

- Remedial evaluation;
- Environmental decision-making.

9.0 Final Validation Statement

Based upon review of the complete EPA Method 8260D analytical package for SDG 26E0163, including calibration data, laboratory quality control samples, blanks, surrogates, internal standards, matrix spike data, instrument performance checks, sample receipt records, holding times, preservation documentation, and analytical results, the analytical data are determined to be **VALID FOR INTENDED USE**. The analytical system demonstrated acceptable performance throughout the analytical sequence. Minor compound-specific quality control exceptions were identified for:

- Acrolein
- 1,2,3-Trichlorobenzene
- Tetrachloroethylene
- 1,1,2,2-Tetrachloroethane
- 1,2-Dichloropropane
- Chloromethane

These issues do not materially affect the overall usability of the groundwater VOC dataset. The reported analytical results are considered technically defensible and suitable for environmental evaluation, regulatory review, and project decision-making.

10.0 Final Data Usability Determination

Determination Category	Status
Rejected Data	None
Estimated Data	Compound-Specific Only
Qualified Data	Limited
Usable Data	Yes
Regulatory Use	Yes
Technical Use	Yes
Overall DUSR Determination	DATA VALID FOR INTENDED USE

APPENDIX B – REGULATORY FRAMEWORK AND VALIDATION CRITERIA

B.1 USEPA NATIONAL FUNCTIONAL GUIDELINES

B.1.1 Purpose

The United States Environmental Protection Agency (USEPA) National Functional Guidelines provide standardized procedures for the validation and review of environmental analytical data generated under EPA-approved methodologies. The guidelines establish minimum acceptance criteria for laboratory quality control elements and provide a framework for determining the usability of analytical data. The National Functional Guidelines were used as the primary technical basis for the validation review performed for SDG 26E0163.

B.1.2 Quality Control Elements Evaluated

The following quality control elements were reviewed in accordance with the USEPA National Functional Guidelines:

QC Element	Evaluation Performed
Sample Receipt	Yes
Chain-of-Custody	Yes
Preservation	Yes
Holding Times	Yes
Initial Calibration	Yes
Independent Calibration Verification	Yes
Continuing Calibration Verification	Yes
Method Blank	Yes
Field Blank	Yes
Trip Blank	Yes
Surrogate Recoveries	Yes
Internal Standards	Yes
Matrix Spike / Matrix Spike Duplicate	Yes
Laboratory Control Samples	Yes
GC/MS Tune	Yes
Compound Identification	Yes
Quantitation Review	Yes

B.1.3 Validation Qualifiers

The following data qualifiers were applied during the validation review.

Qualifier	Definition
U	Compound not detected
J	Estimated concentration
UJ	Non-detect; reporting limit estimated
R	Rejected result
B	Compound detected in associated blank
NJ	Tentatively identified compound; estimated

B.1.4 Validation Philosophy

Data usability determinations were based on:

- Accuracy
- Precision
- Sensitivity
- Representativeness
- Comparability
- Completeness

Minor QC deficiencies resulted in qualification of data rather than rejection whenever technically appropriate.

B.2 NYSDEC ANALYTICAL SERVICES PROTOCOL (ASP)

B.2.1 Purpose

The New York State Department of Environmental Conservation (NYSDEC) Analytical Services Protocol (ASP) establishes laboratory reporting and quality assurance requirements for environmental investigations performed within New York State.

The ASP package submitted by ALS Environmental was reviewed in accordance with NYSDEC requirements for Category B deliverables.

B.2.2 ASP Components Reviewed

The following ASP components were included within the laboratory package:

ASP Component	Reviewed
Case Narrative	Yes
Sample Receipt Records	Yes
Chain-of-Custody	Yes
Analytical Results	Yes
Method Blanks	Yes
Field Blank	Yes
Trip Blank	Yes
Surrogate Recoveries	Yes
Internal Standard Summaries	Yes
LCS / LCSD	Yes
Matrix Spike / Matrix Spike Duplicate	Yes
Initial Calibration	Yes
SCV	Yes
CCV	Yes
BFB Tune Reports	Yes

B.2.3 ASP Acceptance Criteria

ASP acceptance criteria were applied during review of:

- Calibration performance;
- Blank contamination;
- QC sample recoveries;
- Internal standards;
- Holding times;
- Preservation requirements;
- Sample receipt conditions.

B.3 EPA METHOD 8260D

B.3.1 Method Description

EPA Method 8260D is a gas chromatography/mass spectrometry (GC/MS) analytical method used for determination of volatile organic compounds (VOCs) in environmental samples.

The method was used for analysis of groundwater samples associated with SDG 26E0163.

B.3.2 Analytical Technique

Component	Description
Sample Preparation	Purge-and-Trap
Analytical Instrument	GC/MS
Detection Technique	Mass Spectrometry
Compound Class	Volatile Organic Compounds

B.3.3 Quality Control Requirements

EPA Method 8260D requires evaluation of:

QC Requirement	Reviewed
Initial Calibration	Yes
Independent Calibration Verification	Yes
Continuing Calibration Verification	Yes
Method Blank	Yes
Surrogates	Yes
Internal Standards	Yes
Laboratory Control Samples	Yes
Matrix Spike Samples	Yes
Instrument Tune	Yes

B.3.4 Method Performance Criteria

The following performance criteria were evaluated.

Criterion	Requirement
Calibration Accuracy	Acceptable
Instrument Stability	Acceptable
Surrogate Recovery	Within Limits
Internal Standard Response	Within Limits
BFB Tune Compliance	Required

B.4 EPA METHOD 5030B

B.4.1 Method Description

EPA Method 5030B describes purge-and-trap sample preparation procedures used prior to GC/MS analysis under Method 8260D. The method is designed to efficiently transfer volatile organic compounds from aqueous matrices into the analytical system.

B.4.2 Purpose

Method 5030B provides:

- VOC extraction;
- Purge-and-trap concentration;
- Sample introduction to GC/MS;
- Analytical sensitivity enhancement.

B.4.3 QC Requirements

Method 5030B performance was evaluated indirectly through:

QC Element	Assessment
Surrogate Recoveries	Acceptable
LCS Recoveries	Acceptable
Matrix Spike Recoveries	Acceptable
Internal Standard Performance	Acceptable

The QC results demonstrate acceptable purge-and-trap performance throughout the analytical sequence.

B.5 ALS ENVIRONMENTAL SOP REQUIREMENTS

B.5.1 Laboratory Procedures

ALS Environmental Standard Operating Procedures (SOPs) were reviewed through the laboratory package documentation. The SOP requirements include:

- Sample receipt procedures;
- Custody documentation;
- Preservation verification;
- Instrument calibration;
- Quality control sample analysis;
- Corrective action procedures;
- Data reporting procedures.

B.5.2 Compliance Assessment

Review of the analytical package demonstrates compliance with ALS laboratory procedures.

SOP Element	Assessment
Sample Receipt	Acceptable
Preservation Verification	Acceptable
Instrument Calibration	Acceptable
QC Sample Analysis	Acceptable
Data Reporting	Acceptable

APPENDIX B CONCLUSION

The analytical package associated with SDG 26E0163 was reviewed against applicable requirements contained within:

- USEPA National Functional Guidelines;
- NYSDEC Analytical Services Protocol;
- EPA Method 8260D;
- EPA Method 5030B;
- ALS Environmental SOPs.

The analytical data were determined to be compliant with applicable regulatory and technical requirements and are suitable for intended use.

APPENDIX C – LABORATORY ANALYTICAL PACKAGE (ASP PACKAGE)

C.1 Package Information

Item	Description
Laboratory	ALS Environmental – Stratford
SDG	26E0163
Client	Hydro Tech Environmental
Project	230051 – 170 Freeman Street, Brooklyn
Method	EPA 8260D
Matrix	Groundwater
Total Pages Reviewed	309 Pages

C.2 Package Contents

Administrative Documentation

- Case Narrative
- Sample Login Documentation
- Chain-of-Custody Records
- Sample Receipt Records
- Cooler Receipt Forms

Analytical Results

- Sample Analytical Results
- Reporting Limits
- Detection Limit Summaries
- Data Qualifier Definitions

Calibration Documentation

- Initial Calibration
- Independent Calibration Verification (SCV)
- Continuing Calibration Verification (CCV)

Quality Control Documentation

- Method Blanks
- Field Blank
- Trip Blank
- Laboratory Control Sample
- Laboratory Control Sample Duplicate
- Matrix Spike
- Matrix Spike Duplicate

Instrument Performance Documentation

- BFB Tune Reports
- Internal Standard Summaries
- Surrogate Recovery Summaries

Preservation Documentation

- Preservation Verification Forms
- Preparation Benchsheets
- Holding Time Records

C.3 Samples Reviewed

Sample	Laboratory ID
MW-9	26E0163-01
MW-10	26E0163-02
MW-11R	26E0163-03
MW-13R	26E0163-04
MW-14	26E0163-05
MW-15	26E0163-06
FB	26E0163-07
TB	26E0163-08

C.4 Analytical Batches Reviewed

Batch ID	Purpose
BE60494	Sample Analysis
BE60547	Sample Analysis
SE60011	Initial Calibration
S6E0801	SCV Sequence
S6E0904	CCV Sequence

C.5 Package Completeness Assessment

The laboratory package contained all critical elements necessary to support a full third-party validation review, including analytical results, calibration documentation, quality control summaries, instrument performance records, preparation records, surrogate recoveries, internal standard summaries, custody documentation, and supporting laboratory narratives. No material omissions affecting validation conclusions were identified.

Evaluation Item	Status
Case Narrative	Complete
Sample Results	Complete
Calibration Records	Complete
QC Records	Complete
Instrument Performance Records	Complete

Preservation Records	Complete
Holding Time Documentation	Complete

C.6 Package Conclusion

The ASP package was complete and contained sufficient information to support a full validation review and preparation of this Data Usability Summary Report.

APPENDIX D – VALIDATION TABLES AND QUALIFICATION TRACKING SHEETS

D.1 QA/QC Validation Tracking Matrix

Form	QC Element	Status
Form I	LCS/LCSD	Acceptable
Form II	Initial Calibration	Acceptable
Form III	SCV/ICV	Acceptable with Acrolein Exception
Form IV	CCV	Acceptable with Minor Exceptions
Form V	Method Blank	Acceptable
Form VI	Field Blank	Acceptable
Form VII	Trip Blank	Acceptable
Form VIII	Surrogates	Acceptable
Form IX	Internal Standards	Acceptable
Form X	MS/MSD	Acceptable with Minor Exceptions
Form XI	GC/MS Tune	Acceptable
Form XII	Holding Time / Preservation	Acceptable
Form XIII	Identification & Quantitation	Acceptable
Form XIV	Final Usability Determination	Data Valid for Intended Use

D.2 Qualification Tracking Sheet

Compound	QC Issue	Detects	Non-Detects	Final Status
Acrolein	SCV + CCV	J	UJ	Estimated
1,2,3-Trichlorobenzene	CCV	J	UJ	Estimated
Tetrachloroethylene	MS Recovery	J	UJ	Estimated
1,1,2,2-Tetrachloroethane	MSD Recovery	J	UJ	Estimated
1,2-Dichloropropane	MSD Recovery	J	UJ	Estimated
Chloromethane	MS/MSD Precision	J	UJ	Estimated

D.3 Data Usability Summary Matrix

Data Quality Element	Assessment
Accuracy	Acceptable
Precision	Acceptable
Sensitivity	Acceptable
Completeness	Acceptable
Representativeness	Acceptable
Comparability	Acceptable
Contamination Control	Acceptable
Instrument Performance	Acceptable
Data Usability	Acceptable

D.4 Final Data Validation Summary

Category	Result
Rejected Results	None
Qualified Results	Limited Compound-Specific
Usable Results	Yes
Regulatory Use	Yes
Technical Use	Yes
Final Determination	DATA VALID FOR INTENDED USE

APPENDIX D CONCLUSION

The validation review identified only minor compound-specific quality control issues that do not materially affect interpretation of the groundwater VOC dataset. The analytical package satisfies project quality objectives and supports environmental decision-making, regulatory reporting, and site characterization activities.

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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: 06/09/2026

Client Project ID: 230051 - 170 Freeman Street, Brooklyn

Project (SDG) No.: 26E0163

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 May 05, 2026 and listed below. The project was identified as your project: **230051 - 170 Freeman Street, Brooklyn.**

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:	26E0163-01
Client Project:	230051 - 170 Freeman Street, Brooklyn	Date Received:	05/05/2026
Client Sample ID:	MW-9 (20260505)	Collection Date/Time:	5/5/26 10:55

Lab ID:	26E0163-01					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	CCVE	0.216	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
1,1,1-Trichloroethane	ND		0.266	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
1,1,2,2-Tetrachloroethane	ND		0.256	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		0.286	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
1,1,2-Trichloroethane	ND		0.249	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
1,1-Dichloroethane	ND		0.272	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
1,1-Dichloroethylene	ND		0.327	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
1,2,3-Trichlorobenzene	ND		0.222	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
1,2,3-Trichloropropane	ND		0.273	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
1,2,4-Trichlorobenzene	ND		0.138	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
1,2,4-Trimethylbenzene	ND	CCVE	0.310	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
1,2-Dibromo-3-chloropropane	ND		0.432	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
1,2-Dibromoethane	ND		0.215	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
1,2-Dichlorobenzene	ND		0.270	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
1,2-Dichloroethane	ND		0.377	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
1,2-Dichloropropane	ND		0.327	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
1,3,5-Trimethylbenzene	ND		0.347	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
1,3-Dichlorobenzene	ND		0.283	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
1,4-Dichlorobenzene	ND		0.311	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
2-Butanone	ND		0.421	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
2-Hexanone	ND	CCVE, ICVE	0.320	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
4-Methyl-2-pentanone	ND		0.365	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
Acetone	ND		1.34	2.00	1	ug/L	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
Acrolein	ND		0.447	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
Acrylonitrile	ND		0.422	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
Benzene	ND		0.279	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
Bromochloromethane	ND		0.354	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
Bromodichloromethane	ND		0.245	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
Bromoform	ND		0.163	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
Bromomethane	ND		0.500	2.00	1	ug/L	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
Carbon disulfide	ND	CCVE	0.362	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
Carbon tetrachloride	ND		0.204	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
Chlorobenzene	ND		0.284	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
Chloroethane	ND		0.448	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
Chloroform	ND		0.243	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
Chloromethane	ND		0.372	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
cis-1,2-Dichloroethylene	400		29.4	50.0	100	ug/L	EPA 8260D	5/11/26 7:00	5/11/26 12:50	THD
cis-1,3-Dichloropropylene	ND		0.262	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
Cyclohexane	ND		0.491	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
Dibromochloromethane	ND		0.146	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
Dibromomethane	ND	CCVE	0.203	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
Dichlorodifluoromethane	ND		0.451	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	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:	26E0163-01
Client Project:	230051 - 170 Freeman Street, Brooklyn	Date Received:	05/05/2026
Client Sample ID:	MW-9 (20260505)	Collection Date/Time:	5/5/26 10:55

Lab ID:	26E0163-01	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
Ethyl Benzene	ND	CCVE	0.290	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD
Hexachlorobutadiene	ND		0.241	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD
Isopropylbenzene	ND		0.405	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD
Methyl acetate	ND		0.442	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD
Methyl tert-butyl ether (MTBE)	ND		0.244	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD
Methyleyclohexane	ND		0.477	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD
Methylene chloride	ND		0.397	2.00	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD
n-Butylbenzene	ND		0.399	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD
n-Propylbenzene	ND		0.384	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD
o-Xylene	ND		0.261	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD
p- & m- Xylenes	ND		0.578	1.00	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD
p-Isopropyltoluene	ND		0.377	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD
sec-Butylbenzene	ND		0.444	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD
Styrene	ND		0.255	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD
tert-Butyl alcohol (TBA)	ND	ICVE, QL-02	0.608	1.00	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD
tert-Butylbenzene	ND		0.367	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD
Tetrachloroethylene	ND		0.239	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD
Toluene	ND		0.346	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD
trans-1,2-Dichloroethylene	24.4		0.279	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD
trans-1,3-Dichloropropylene	ND		0.229	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD
trans-1,4-dichloro-2-butene	ND		0.283	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD
Trichloroethylene	0.630		0.249	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD
Trichlorofluoromethane	ND		0.337	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD
Vinyl Chloride	2.49		0.469	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD
Xylenes, Total	ND		0.839	1.50	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 06:09	THD

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	98.1 %		69-130	EPA 8260D	5/11/26 12:50
Surrogate: SURR: 1,2-Dichloroethane-d4	100 %		69-130	EPA 8260D	5/9/26 06:09
Surrogate: SURR: Toluene-d8	102 %		81-117	EPA 8260D	5/9/26 06:09
Surrogate: SURR: Toluene-d8	102 %		81-117	EPA 8260D	5/11/26 12:50
Surrogate: SURR: p-Bromofluorobenzene	99.3 %		79-122	EPA 8260D	5/9/26 06:09
Surrogate: SURR: p-Bromofluorobenzene	108 %		79-122	EPA 8260D	5/11/26 12:50

Client:	Hydro Tech Environmental	Sample ID:	26E0163-02
Client Project:	230051 - 170 Freeman Street, Brooklyn	Date Received:	05/05/2026
Client Sample ID:	MW-10 (20260505)	Collection Date/Time:	5/5/26 10:30

Lab ID:	26E0163-02	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:	26E0163-02
Client Project:	230051 - 170 Freeman Street, Brooklyn	Date Received:	05/05/2026
Client Sample ID:	MW-10 (20260505)	Collection Date/Time:	5/5/26 10:30

Lab ID:	26E0163-02					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	5/9/26 7:00	5/ 9/26 18:46	THD
1,1,1-Trichloroethane	ND		0.266	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
1,1,2,2-Tetrachloroethane	ND		0.256	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		0.286	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
1,1,2-Trichloroethane	ND		0.249	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
1,1-Dichloroethane	ND		0.272	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
1,1-Dichloroethylene	ND		0.327	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
1,2,3-Trichlorobenzene	ND		0.222	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
1,2,3-Trichloropropane	ND		0.273	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
1,2,4-Trichlorobenzene	ND		0.138	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
1,2,4-Trimethylbenzene	ND		0.310	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
1,2-Dibromo-3-chloropropane	ND		0.432	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
1,2-Dibromoethane	ND		0.215	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
1,2-Dichlorobenzene	ND		0.270	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
1,2-Dichloroethane	ND		0.377	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
1,2-Dichloropropane	ND		0.327	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
1,3,5-Trimethylbenzene	ND		0.347	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
1,3-Dichlorobenzene	ND		0.283	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
1,4-Dichlorobenzene	ND		0.311	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
2-Butanone	ND		0.421	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
2-Hexanone	ND		0.320	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
4-Methyl-2-pentanone	ND		0.365	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
Acetone	ND		1.34	2.00	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
Acrolein	ND		0.447	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
Acrylonitrile	ND		0.422	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
Benzene	ND		0.279	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
Bromochloromethane	ND		0.354	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
Bromodichloromethane	1.54		0.245	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
Bromoform	ND		0.163	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
Bromomethane	ND		0.500	2.00	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
Carbon disulfide	ND		0.362	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
Carbon tetrachloride	ND		0.204	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
Chlorobenzene	ND		0.284	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
Chloroethane	ND		0.448	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
Chloroform	17.0		0.243	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
Chloromethane	ND		0.372	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
cis-1,2-Dichloroethylene	ND		0.294	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
cis-1,3-Dichloropropylene	ND		0.262	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
Cyclohexane	ND		0.491	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
Dibromochloromethane	ND		0.146	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
Dibromomethane	ND		0.203	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
Dichlorodifluoromethane	ND		0.451	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
Ethyl Benzene	ND		0.290	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	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:	26E0163-02
Client Project:	230051 - 170 Freeman Street, Brooklyn	Date Received:	05/05/2026
Client Sample ID:	MW-10 (20260505)	Collection Date/Time:	5/5/26 10:30

Lab ID:	26E0163-02	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
Hexachlorobutadiene	ND		0.241	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 18:46	THD
Isopropylbenzene	ND		0.405	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 18:46	THD
Methyl acetate	ND		0.442	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 18:46	THD
Methyl tert-butyl ether (MTBE)	ND		0.244	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 18:46	THD
Methylcyclohexane	ND		0.477	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 18:46	THD
Methylene chloride	ND		0.397	2.00	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 18:46	THD
n-Butylbenzene	ND		0.399	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 18:46	THD
n-Propylbenzene	ND		0.384	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 18:46	THD
o-Xylene	ND		0.261	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 18:46	THD
p- & m- Xylenes	ND		0.578	1.00	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 18:46	THD
p-Isopropyltoluene	ND		0.377	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 18:46	THD
sec-Butylbenzene	ND		0.444	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 18:46	THD
Styrene	ND		0.255	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 18:46	THD
tert-Butyl alcohol (TBA)	ND		0.608	1.00	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 18:46	THD
tert-Butylbenzene	ND		0.367	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 18:46	THD
Tetrachloroethylene	ND	QL-02	0.239	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 18:46	THD
Toluene	ND		0.346	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 18:46	THD
trans-1,2-Dichloroethylene	ND		0.279	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 18:46	THD
trans-1,3-Dichloropropylene	ND		0.229	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 18:46	THD
trans-1,4-dichloro-2-butene	ND	CCVE	0.283	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 18:46	THD
Trichloroethylene	ND		0.249	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 18:46	THD
Trichlorofluoromethane	ND		0.337	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 18:46	THD
Vinyl Chloride	ND		0.469	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 18:46	THD
Xylenes, Total	ND		0.839	1.50	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 18:46	THD

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	97.9 %		69-130	EPA 8260D	5/9/26 18:46
Surrogate: SURR: Toluene-d8	102 %		81-117	EPA 8260D	5/9/26 18:46
Surrogate: SURR: p-Bromofluorobenzene	102 %		79-122	EPA 8260D	5/9/26 18:46

Client:	Hydro Tech Environmental	Sample ID:	26E0163-03
Client Project:	230051 - 170 Freeman Street, Brooklyn	Date Received:	05/05/2026
Client Sample ID:	MW-11R (20260505)	Collection Date/Time:	5/5/26 10:20

Lab ID:	26E0163-03	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	5/9/26 7:00	5/9/26 19:18	THD
1,1,1-Trichloroethane	ND		0.266	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:18	THD
1,1,2,2-Tetrachloroethane	ND		0.256	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:18	THD

Client:	Hydro Tech Environmental	Sample ID:	26E0163-03
Client Project:	230051 - 170 Freeman Street, Brooklyn	Date Received:	05/05/2026
Client Sample ID:	MW-11R (20260505)	Collection Date/Time:	5/5/26 10:20

Lab ID:	26E0163-03	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 113)	ND		0.286	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
1,1,2-Trichloroethane	ND		0.249	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
1,1-Dichloroethane	ND		0.272	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
1,1-Dichloroethylene	ND		0.327	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
1,2,3-Trichlorobenzene	ND		0.222	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
1,2,3-Trichloropropane	ND		0.273	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
1,2,4-Trichlorobenzene	ND		0.138	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
1,2,4-Trimethylbenzene	ND		0.310	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
1,2-Dibromo-3-chloropropane	ND		0.432	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
1,2-Dibromoethane	ND		0.215	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
1,2-Dichlorobenzene	ND		0.270	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
1,2-Dichloroethane	ND		0.377	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
1,2-Dichloropropane	ND		0.327	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
1,3,5-Trimethylbenzene	ND		0.347	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
1,3-Dichlorobenzene	ND		0.283	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
1,4-Dichlorobenzene	ND		0.311	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
2-Butanone	ND		0.421	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
2-Hexanone	ND		0.320	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
4-Methyl-2-pentanone	ND		0.365	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
Acetone	1.65	J	1.34	2.00	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
Acrolein	ND		0.447	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
Acrylonitrile	ND		0.422	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
Benzene	ND		0.279	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
Bromochloromethane	ND		0.354	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
Bromodichloromethane	ND		0.245	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
Bromoform	ND		0.163	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
Bromomethane	ND		0.500	2.00	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
Carbon disulfide	ND		0.362	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
Carbon tetrachloride	ND		0.204	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
Chlorobenzene	ND		0.284	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
Chloroethane	ND		0.448	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
Chloroform	ND		0.243	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
Chloromethane	ND		0.372	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
cis-1,2-Dichloroethylene	4.95		0.294	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
cis-1,3-Dichloropropylene	ND		0.262	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
Cyclohexane	ND		0.491	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
Dibromochloromethane	ND		0.146	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
Dibromomethane	ND		0.203	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
Dichlorodifluoromethane	ND		0.451	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
Ethyl Benzene	ND		0.290	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
Hexachlorobutadiene	ND		0.241	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
Isopropylbenzene	ND		0.405	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
Methyl acetate	ND		0.442	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	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:	26E0163-03
Client Project:	230051 - 170 Freeman Street, Brooklyn	Date Received:	05/05/2026
Client Sample ID:	MW-11R (20260505)	Collection Date/Time:	5/5/26 10:20

Lab ID:	26E0163-03	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
Methyl tert-butyl ether (MTBE)	ND		0.244	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:18	THD
Methylcyclohexane	ND		0.477	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:18	THD
Methylene chloride	ND		0.397	2.00	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:18	THD
n-Butylbenzene	ND		0.399	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:18	THD
n-Propylbenzene	ND		0.384	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:18	THD
o-Xylene	ND		0.261	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:18	THD
p- & m- Xylenes	ND		0.578	1.00	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:18	THD
p-Isopropyltoluene	ND		0.377	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:18	THD
sec-Butylbenzene	ND		0.444	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:18	THD
Styrene	ND		0.255	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:18	THD
tert-Butyl alcohol (TBA)	ND		0.608	1.00	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:18	THD
tert-Butylbenzene	ND		0.367	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:18	THD
Tetrachloroethylene	ND	QL-02	0.239	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:18	THD
Toluene	ND		0.346	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:18	THD
trans-1,2-Dichloroethylene	ND		0.279	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:18	THD
trans-1,3-Dichloropropylene	ND		0.229	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:18	THD
trans-1,4-dichloro-2-butene	ND	CCVE	0.283	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:18	THD
Trichloroethylene	ND		0.249	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:18	THD
Trichlorofluoromethane	ND		0.337	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:18	THD
Vinyl Chloride	ND		0.469	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:18	THD
Xylenes, Total	ND		0.839	1.50	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:18	THD

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	104 %		69-130	EPA 8260D	5/9/26 19:18
Surrogate: SURR: Toluene-d8	102 %		81-117	EPA 8260D	5/9/26 19:18
Surrogate: SURR: p-Bromofluorobenzene	104 %		79-122	EPA 8260D	5/9/26 19:18

Client:	Hydro Tech Environmental	Sample ID:	26E0163-04
Client Project:	230051 - 170 Freeman Street, Brooklyn	Date Received:	05/05/2026
Client Sample ID:	MW-13R (20260505)	Collection Date/Time:	5/5/26 9:35

Lab ID:	26E0163-04	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	5/9/26 7:00	5/9/26 19:50	THD
1,1,1-Trichloroethane	ND		0.266	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
1,1,2,2-Tetrachloroethane	ND		0.256	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		0.286	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
1,1,2-Trichloroethane	ND		0.249	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
1,1-Dichloroethane	ND		0.272	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD

Client:	Hydro Tech Environmental	Sample ID:	26E0163-04
Client Project:	230051 - 170 Freeman Street, Brooklyn	Date Received:	05/05/2026
Client Sample ID:	MW-13R (20260505)	Collection Date/Time:	5/5/26 9:35

Lab ID: 26E0163-04					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-Dichloroethylene	ND		0.327	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
1,2,3-Trichlorobenzene	ND		0.222	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
1,2,3-Trichloropropane	ND		0.273	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
1,2,4-Trichlorobenzene	ND		0.138	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
1,2,4-Trimethylbenzene	ND		0.310	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
1,2-Dibromo-3-chloropropane	ND		0.432	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
1,2-Dibromoethane	ND		0.215	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
1,2-Dichlorobenzene	ND		0.270	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
1,2-Dichloroethane	ND		0.377	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
1,2-Dichloropropane	ND		0.327	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
1,3,5-Trimethylbenzene	ND		0.347	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
1,3-Dichlorobenzene	ND		0.283	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
1,4-Dichlorobenzene	ND		0.311	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
2-Butanone	ND		0.421	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
2-Hexanone	ND		0.320	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
4-Methyl-2-pentanone	ND		0.365	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
Acetone	ND		1.34	2.00	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
Acrolein	ND		0.447	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
Acrylonitrile	ND		0.422	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
Benzene	ND		0.279	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
Bromochloromethane	ND		0.354	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
Bromodichloromethane	ND		0.245	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
Bromoform	ND		0.163	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
Bromomethane	ND		0.500	2.00	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
Carbon disulfide	ND		0.362	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
Carbon tetrachloride	ND		0.204	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
Chlorobenzene	ND		0.284	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
Chloroethane	ND		0.448	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
Chloroform	ND		0.243	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
Chloromethane	ND		0.372	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
cis-1,2-Dichloroethylene	ND		0.294	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
cis-1,3-Dichloropropylene	ND		0.262	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
Cyclohexane	ND		0.491	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
Dibromochloromethane	ND		0.146	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
Dibromomethane	ND		0.203	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
Dichlorodifluoromethane	ND		0.451	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
Ethyl Benzene	ND		0.290	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
Hexachlorobutadiene	ND		0.241	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
Isopropylbenzene	ND		0.405	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
Methyl acetate	ND		0.442	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
Methyl tert-butyl ether (MTBE)	ND		0.244	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
Methylcyclohexane	ND		0.477	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD
Methylene chloride	ND		0.397	2.00	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 19:50	THD

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Client:	Hydro Tech Environmental	Sample ID:	26E0163-04
Client Project:	230051 - 170 Freeman Street, Brooklyn	Date Received:	05/05/2026
Client Sample ID:	MW-13R (20260505)	Collection Date/Time:	5/5/26 9:35

Lab ID:	26E0163-04					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
n-Butylbenzene	ND	QL-02	0.399	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:50	THD
n-Propylbenzene	ND		0.384	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:50	THD
o-Xylene	ND		0.261	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:50	THD
p- & m- Xylenes	ND		0.578	1.00	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:50	THD
p-Isopropyltoluene	ND		0.377	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:50	THD
sec-Butylbenzene	ND		0.444	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:50	THD
Styrene	ND		0.255	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:50	THD
tert-Butyl alcohol (TBA)	ND		0.608	1.00	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:50	THD
tert-Butylbenzene	ND		0.367	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:50	THD
Tetrachloroethylene	ND		0.239	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:50	THD
Toluene	ND	CCVE	0.346	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:50	THD
trans-1,2-Dichloroethylene	ND		0.279	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:50	THD
trans-1,3-Dichloropropylene	ND		0.229	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:50	THD
trans-1,4-dichloro-2-butene	ND		0.283	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:50	THD
Trichloroethylene	ND		0.249	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:50	THD
Trichlorofluoromethane	ND		0.337	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:50	THD
Vinyl Chloride	ND		0.469	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:50	THD
Xylenes, Total	ND		0.839	1.50	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 19:50	THD

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	101 %		69-130	EPA 8260D	5/9/26 19:50
Surrogate: SURR: Toluene-d8	104 %		81-117	EPA 8260D	5/9/26 19:50
Surrogate: SURR: p-Bromofluorobenzene	105 %		79-122	EPA 8260D	5/9/26 19:50

Client:	Hydro Tech Environmental	Sample ID:	26E0163-05
Client Project:	230051 - 170 Freeman Street, Brooklyn	Date Received:	05/05/2026
Client Sample ID:	MW-14 (20260505)	Collection Date/Time:	5/5/26 9:05

Lab ID:26E0163-05 Analysis:Volatile Organic Compounds by GC/MS Prep Method:Sample Prepared by Method: EPA 5030B Laboratory:ALS Environmental - Stratford Matrix:Ground Water										
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	5/9/26 7:00	5/9/26 20:22	THD
1,1,1-Trichloroethane	ND		0.266	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:22	THD
1,1,2,2-Tetrachloroethane	ND		0.256	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:22	THD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		0.286	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:22	THD
1,1,2-Trichloroethane	ND		0.249	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:22	THD
1,1-Dichloroethane	ND		0.272	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:22	THD
1,1-Dichloroethylene	ND		0.327	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:22	THD
1,2,3-Trichlorobenzene	ND		0.222	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:22	THD
1,2,3-Trichloropropane	ND		0.273	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 20:22	THD

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Client:	Hydro Tech Environmental	Sample ID:	26E0163-05
Client Project:	230051 - 170 Freeman Street, Brooklyn	Date Received:	05/05/2026
Client Sample ID:	MW-14 (20260505)	Collection Date/Time:	5/5/26 9:05

Lab ID: 26E0163-05				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
1,2,4-Trichlorobenzene	ND		0.138	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
1,2,4-Trimethylbenzene	ND		0.310	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
1,2-Dibromo-3-chloropropane	ND		0.432	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
1,2-Dibromoethane	ND		0.215	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
1,2-Dichlorobenzene	ND		0.270	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
1,2-Dichloroethane	ND		0.377	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
1,2-Dichloropropane	ND		0.327	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
1,3,5-Trimethylbenzene	ND		0.347	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
1,3-Dichlorobenzene	ND		0.283	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
1,4-Dichlorobenzene	ND		0.311	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
2-Butanone	ND		0.421	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
2-Hexanone	ND		0.320	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
4-Methyl-2-pentanone	ND		0.365	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
Acetone	ND		1.34	2.00	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
Acrolein	ND		0.447	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
Acrylonitrile	ND		0.422	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
Benzene	ND		0.279	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
Bromochloromethane	ND		0.354	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
Bromodichloromethane	ND		0.245	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
Bromoform	ND		0.163	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
Bromomethane	ND		0.500	2.00	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
Carbon disulfide	ND		0.362	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
Carbon tetrachloride	ND		0.204	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
Chlorobenzene	ND		0.284	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
Chloroethane	ND		0.448	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
Chloroform	ND		0.243	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
Chloromethane	ND		0.372	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
cis-1,2-Dichloroethylene	ND		0.294	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
cis-1,3-Dichloropropylene	ND		0.262	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
Cyclohexane	ND		0.491	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
Dibromochloromethane	ND		0.146	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
Dibromomethane	ND		0.203	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
Dichlorodifluoromethane	ND		0.451	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
Ethyl Benzene	ND		0.290	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
Hexachlorobutadiene	ND		0.241	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
Isopropylbenzene	ND		0.405	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
Methyl acetate	ND		0.442	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
Methyl tert-butyl ether (MTBE)	ND		0.244	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
Methylcyclohexane	ND		0.477	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
Methylene chloride	ND		0.397	2.00	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
n-Butylbenzene	ND		0.399	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
n-Propylbenzene	ND		0.384	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
o-Xylene	ND		0.261	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD

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Client:	Hydro Tech Environmental	Sample ID:	26E0163-05
Client Project:	230051 - 170 Freeman Street, Brooklyn	Date Received:	05/05/2026
Client Sample ID:	MW-14 (20260505)	Collection Date/Time:	5/5/26 9:05

Lab ID:	26E0163-05	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
p- & m- Xylenes	ND		0.578	1.00	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
p-Isopropyltoluene	ND		0.377	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
sec-Butylbenzene	ND		0.444	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
Styrene	ND		0.255	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
tert-Butyl alcohol (TBA)	ND		0.608	1.00	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
tert-Butylbenzene	ND		0.367	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
Tetrachloroethylene	ND	QL-02	0.239	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
Toluene	ND		0.346	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
trans-1,2-Dichloroethylene	ND		0.279	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
trans-1,3-Dichloropropylene	ND		0.229	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
trans-1,4-dichloro-2-butene	ND	CCVE	0.283	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
Trichloroethylene	ND		0.249	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
Trichlorofluoromethane	ND		0.337	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
Vinyl Chloride	ND		0.469	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
Xylenes, Total	ND		0.839	1.50	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	103 %		69-130	EPA 8260D	5/ 9/26 20:22
Surrogate: SURR: Toluene-d8	102 %		81-117	EPA 8260D	5/ 9/26 20:22
Surrogate: SURR: p-Bromofluorobenzene	104 %		79-122	EPA 8260D	5/ 9/26 20:22

Client:	Hydro Tech Environmental	Sample ID:	26E0163-06
Client Project:	230051 - 170 Freeman Street, Brooklyn	Date Received:	05/05/2026
Client Sample ID:	MW-15 (20260505)	Collection Date/Time:	5/5/26 12:00

Lab ID:	26E0163-06	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	5/9/26 7:00	5/ 9/26 20:54	THD
1,1,1-Trichloroethane	ND		0.266	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
1,1,2,2-Tetrachloroethane	ND		0.256	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		0.286	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
1,1,2-Trichloroethane	ND		0.249	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
1,1-Dichloroethane	ND		0.272	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
1,1-Dichloroethylene	ND		0.327	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
1,2,3-Trichlorobenzene	ND		0.222	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
1,2,3-Trichloropropane	ND		0.273	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
1,2,4-Trichlorobenzene	ND		0.138	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
1,2,4-Trimethylbenzene	ND		0.310	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
1,2-Dibromo-3-chloropropane	ND		0.432	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD

Client:	Hydro Tech Environmental	Sample ID:	26E0163-06
Client Project:	230051 - 170 Freeman Street, Brooklyn	Date Received:	05/05/2026
Client Sample ID:	MW-15 (20260505)	Collection Date/Time:	5/5/26 12:00

Lab ID:	26E0163-06	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
1,2-Dibromoethane	ND		0.215	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
1,2-Dichlorobenzene	ND		0.270	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
1,2-Dichloroethane	ND		0.377	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
1,2-Dichloropropane	ND		0.327	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
1,3,5-Trimethylbenzene	ND		0.347	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
1,3-Dichlorobenzene	ND		0.283	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
1,4-Dichlorobenzene	ND		0.311	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
2-Butanone	ND		0.421	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
2-Hexanone	ND		0.320	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
4-Methyl-2-pentanone	ND		0.365	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
Acetone	ND		1.34	2.00	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
Acrolein	ND		0.447	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
Acrylonitrile	ND		0.422	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
Benzene	ND		0.279	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
Bromochloromethane	ND		0.354	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
Bromodichloromethane	ND		0.245	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
Bromoform	ND		0.163	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
Bromomethane	ND		0.500	2.00	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
Carbon disulfide	ND		0.362	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
Carbon tetrachloride	ND		0.204	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
Chlorobenzene	ND		0.284	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
Chloroethane	ND		0.448	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
Chloroform	ND		0.243	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
Chloromethane	ND		0.372	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
cis-1,2-Dichloroethylene	ND		0.294	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
cis-1,3-Dichloropropylene	ND		0.262	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
Cyclohexane	ND		0.491	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
Dibromochloromethane	ND		0.146	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
Dibromomethane	ND		0.203	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
Dichlorodifluoromethane	ND		0.451	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
Ethyl Benzene	ND		0.290	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
Hexachlorobutadiene	ND		0.241	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
Isopropylbenzene	ND		0.405	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
Methyl acetate	ND		0.442	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
Methyl tert-butyl ether (MTBE)	ND		0.244	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
Methylcyclohexane	ND		0.477	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
Methylene chloride	ND		0.397	2.00	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
n-Butylbenzene	ND		0.399	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
n-Propylbenzene	ND		0.384	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
o-Xylene	ND		0.261	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
p- & m- Xylenes	ND		0.578	1.00	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
p-Isopropyltoluene	ND		0.377	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
sec-Butylbenzene	ND		0.444	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD

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Client:	Hydro Tech Environmental	Sample ID:	26E0163-06
Client Project:	230051 - 170 Freeman Street, Brooklyn	Date Received:	05/05/2026
Client Sample ID:	MW-15 (20260505)	Collection Date/Time:	5/5/26 12:00

Lab ID:	26E0163-06	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
Styrene	ND	QL-02	0.255	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
tert-Butyl alcohol (TBA)	ND		0.608	1.00	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
tert-Butylbenzene	ND		0.367	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
Tetrachloroethylene	ND		0.239	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
Toluene	ND		0.346	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
trans-1,2-Dichloroethylene	ND	CCVE	0.279	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
trans-1,3-Dichloropropylene	ND		0.229	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
trans-1,4-dichloro-2-butene	ND		0.283	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
Trichloroethylene	ND		0.249	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
Trichlorofluoromethane	ND		0.337	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
Vinyl Chloride	ND		0.469	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
Xylenes, Total	ND		0.839	1.50	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
<i>Surrogate: SURR: 1,2-Dichloroethane-d4</i>	<i>100 %</i>		<i>69-130</i>	<i>EPA 8260D</i>	<i>5/ 9/26 20:54</i>
<i>Surrogate: SURR: Toluene-d8</i>	<i>103 %</i>		<i>81-117</i>	<i>EPA 8260D</i>	<i>5/ 9/26 20:54</i>
<i>Surrogate: SURR: p-Bromofluorobenzene</i>	<i>104 %</i>		<i>79-122</i>	<i>EPA 8260D</i>	<i>5/ 9/26 20:54</i>

Client:	Hydro Tech Environmental	Sample ID:	26E0163-07
Client Project:	230051 - 170 Freeman Street, Brooklyn	Date Received:	05/05/2026
Client Sample ID:	FB (20260505)	Collection Date/Time:	5/5/26 12:05

Lab ID:	26E0163-07	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	5/9/26 7:00	5/ 9/26 17:09	THD
1,1,1-Trichloroethane	ND		0.266	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
1,1,2,2-Tetrachloroethane	ND		0.256	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		0.286	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
1,1,2-Trichloroethane	ND		0.249	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
1,1-Dichloroethane	ND		0.272	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
1,1-Dichloroethylene	ND		0.327	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
1,2,3-Trichlorobenzene	ND		0.222	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
1,2,3-Trichloropropane	ND		0.273	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
1,2,4-Trichlorobenzene	ND		0.138	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
1,2,4-Trimethylbenzene	ND		0.310	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
1,2-Dibromo-3-chloropropane	ND		0.432	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
1,2-Dibromoethane	ND		0.215	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
1,2-Dichlorobenzene	ND		0.270	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
1,2-Dichloroethane	ND		0.377	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD

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Client:	Hydro Tech Environmental	Sample ID:	26E0163-07
Client Project:	230051 - 170 Freeman Street, Brooklyn	Date Received:	05/05/2026
Client Sample ID:	FB (20260505)	Collection Date/Time:	5/5/26 12:05

Lab ID:	26E0163-07					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
1,2-Dichloropropane	ND		0.327	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
1,3,5-Trimethylbenzene	ND		0.347	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
1,3-Dichlorobenzene	ND		0.283	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
1,4-Dichlorobenzene	ND		0.311	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
2-Butanone	ND		0.421	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
2-Hexanone	ND		0.320	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
4-Methyl-2-pentanone	ND		0.365	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
Acetone	ND		1.34	2.00	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
Acrolein	ND		0.447	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
Acrylonitrile	ND		0.422	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
Benzene	ND		0.279	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
Bromochloromethane	ND		0.354	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
Bromodichloromethane	ND		0.245	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
Bromoform	ND		0.163	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
Bromomethane	ND		0.500	2.00	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
Carbon disulfide	ND		0.362	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
Carbon tetrachloride	ND		0.204	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
Chlorobenzene	ND		0.284	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
Chloroethane	ND		0.448	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
Chloroform	20.6		0.243	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
Chloromethane	ND		0.372	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
cis-1,2-Dichloroethylene	ND		0.294	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
cis-1,3-Dichloropropylene	ND		0.262	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
Cyclohexane	ND		0.491	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
Dibromochloromethane	ND		0.146	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
Dibromomethane	ND		0.203	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
Dichlorodifluoromethane	ND		0.451	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
Ethyl Benzene	ND		0.290	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
Hexachlorobutadiene	ND		0.241	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
Isopropylbenzene	ND		0.405	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
Methyl acetate	ND		0.442	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
Methyl tert-butyl ether (MTBE)	ND		0.244	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
Methylcyclohexane	ND		0.477	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
Methylene chloride	ND		0.397	2.00	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
n-Butylbenzene	ND		0.399	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
n-Propylbenzene	ND		0.384	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
o-Xylene	ND		0.261	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
p- & m- Xylenes	ND		0.578	1.00	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
p-Isopropyltoluene	ND		0.377	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
sec-Butylbenzene	ND		0.444	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
Styrene	ND		0.255	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
tert-Butyl alcohol (TBA)	ND		0.608	1.00	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
tert-Butylbenzene	ND		0.367	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD

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Client:	Hydro Tech Environmental	Sample ID:	26E0163-07
Client Project:	230051 - 170 Freeman Street, Brooklyn	Date Received:	05/05/2026
Client Sample ID:	FB (20260505)	Collection Date/Time:	5/5/26 12:05

Lab ID:	26E0163-07	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
Tetrachloroethylene	ND	QL-02	0.239	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 17:09	THD
Toluene	ND		0.346	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 17:09	THD
trans-1,2-Dichloroethylene	ND		0.279	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 17:09	THD
trans-1,3-Dichloropropylene	ND		0.229	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 17:09	THD
trans-1,4-dichloro-2-butene	ND	CCVE	0.283	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 17:09	THD
Trichloroethylene	ND		0.249	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 17:09	THD
Trichlorofluoromethane	ND		0.337	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 17:09	THD
Vinyl Chloride	ND		0.469	0.500	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 17:09	THD
Xylenes, Total	ND		0.839	1.50	1	ug/L	EPA 8260D	5/9/26 7:00	5/9/26 17:09	THD

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	97.5 %		69-130	EPA 8260D	5/9/26 17:09
Surrogate: SURR: Toluene-d8	104 %		81-117	EPA 8260D	5/9/26 17:09
Surrogate: SURR: p-Bromofluorobenzene	107 %		79-122	EPA 8260D	5/9/26 17:09

Client:	Hydro Tech Environmental	Sample ID:	26E0163-08
Client Project:	230051 - 170 Freeman Street, Brooklyn	Date Received:	05/05/2026
Client Sample ID:	TB (20260505)	Collection Date/Time:	5/5/26 12:05

Lab ID:	26E0163-08	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	5/7/26 7:00	5/9/26 04:00	THD
1,1,1-Trichloroethane	ND		0.266	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
1,1,2,2-Tetrachloroethane	ND		0.256	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		0.286	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
1,1,2-Trichloroethane	ND		0.249	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
1,1-Dichloroethane	ND		0.272	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
1,1-Dichloroethylene	ND		0.327	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
1,2,3-Trichlorobenzene	ND	CCVE	0.222	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
1,2,3-Trichloropropane	ND		0.273	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
1,2,4-Trichlorobenzene	ND	CCVE	0.138	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
1,2,4-Trimethylbenzene	ND		0.310	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
1,2-Dibromo-3-chloropropane	ND		0.432	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
1,2-Dibromoethane	ND		0.215	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
1,2-Dichlorobenzene	ND		0.270	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
1,2-Dichloroethane	ND		0.377	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
1,2-Dichloropropane	ND		0.327	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
1,3,5-Trimethylbenzene	ND		0.347	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
1,3-Dichlorobenzene	ND		0.283	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD

Client:	Hydro Tech Environmental	Sample ID:	26E0163-08
Client Project:	230051 - 170 Freeman Street, Brooklyn	Date Received:	05/05/2026
Client Sample ID:	TB (20260505)	Collection Date/Time:	5/5/26 12:05

Lab ID: 26E0163-08				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
1,4-Dichlorobenzene	ND	CCVE, ICVE	0.311	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
2-Butanone	ND		0.421	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
2-Hexanone	ND		0.320	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
4-Methyl-2-pentanone	ND		0.365	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
Acetone	3.11		1.34	2.00	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
Acrolein	ND		0.447	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
Acrylonitrile	ND		0.422	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
Benzene	ND		0.279	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
Bromochloromethane	ND		0.354	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
Bromodichloromethane	ND		0.245	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
Bromoform	ND	CCVE	0.163	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
Bromomethane	ND		0.500	2.00	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
Carbon disulfide	ND		0.362	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
Carbon tetrachloride	ND		0.204	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
Chlorobenzene	ND		0.284	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
Chloroethane	ND		0.448	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
Chloroform	ND		0.243	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
Chloromethane	ND		0.372	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
cis-1,2-Dichloroethylene	ND		0.294	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
cis-1,3-Dichloropropylene	ND		0.262	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
Cyclohexane	ND	CCVE	0.491	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
Dibromochloromethane	ND		0.146	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
Dibromomethane	ND		0.203	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
Dichlorodifluoromethane	ND		0.451	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
Ethyl Benzene	ND		0.290	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
Hexachlorobutadiene	ND		0.241	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
Isopropylbenzene	ND		0.405	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
Methyl acetate	ND		0.442	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
Methyl tert-butyl ether (MTBE)	ND		0.244	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
Methylcyclohexane	ND		0.477	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
Methylene chloride	ND	ICVE, QL-02	0.397	2.00	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
n-Butylbenzene	ND		0.399	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
n-Propylbenzene	ND		0.384	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
o-Xylene	ND		0.261	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
p- & m- Xylenes	ND		0.578	1.00	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
p-Isopropyltoluene	ND		0.377	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
sec-Butylbenzene	ND		0.444	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
Styrene	ND		0.255	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
tert-Butyl alcohol (TBA)	ND		0.608	1.00	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
tert-Butylbenzene	ND		0.367	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
Tetrachloroethylene	ND		0.239	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD
Toluene	ND		0.346	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/9/26 04:00	THD

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

Client:	Hydro Tech Environmental	Sample ID:	26E0163-08
Client Project:	230051 - 170 Freeman Street, Brooklyn	Date Received:	05/05/2026
Client Sample ID:	TB (20260505)	Collection Date/Time:	5/5/26 12:05

Lab ID:	26E0163-08	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
trans-1,2-Dichloroethylene	ND		0.279	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
trans-1,3-Dichloropropylene	ND		0.229	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
trans-1,4-dichloro-2-butene	ND		0.283	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
Trichloroethylene	ND		0.249	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
Trichlorofluoromethane	ND		0.337	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
Vinyl Chloride	ND		0.469	0.500	1	ug/L	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
Xylenes, Total	ND		0.839	1.50	1	ug/L	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference Method	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	96.8 %		69-130	EPA 8260D	5/ 9/26 04:00
Surrogate: SURR: Toluene-d8	103 %		81-117	EPA 8260D	5/ 9/26 04:00
Surrogate: SURR: p-Bromofluorobenzene	106 %		79-122	EPA 8260D	5/ 9/26 04:00

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



CERTIFICATE OF ANALYSIS

Laboratory:	ALS Environmental - Stratford	SDG:	26E0163
Client:	Hydro Tech Environmental	Project:	230051 - 170 Freeman Street, Brooklyn

Volatile Organic Compounds by GC/MS

Client Sample Id:

MW-9 (20260505)
MW-9 (20260505)
MW-10 (20260505)
MW-11R (20260505)
MW-13R (20260505)
MW-14 (20260505)
MW-15 (20260505)
FB (20260505)
TB (20260505)

Lab Sample Id:

26E0163-01
26E0163-01RE1
26E0163-02
26E0163-03
26E0163-04
26E0163-05
26E0163-06
26E0163-07
26E0163-08

Matrix:

Ground Water
Ground Water
Ground Water
Ground Water
Ground Water
Ground Water
Ground Water
Ground Water
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,PADEP-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,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,PA DEP-68-04440
Hexachlorobutadiene	87-68-3	NYSDOH-NY12058,PADEP-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,PADEP-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,PADEP-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,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,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,PADEP-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	04/01/2027
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.: 26E0163

Client : Hydro Tech Environmental

Client Project ID : 230051 - 170 Freeman Street, Brooklyn

Prepared for : Paul Matli

1.0) Introduction

This work order Narrative applies to the following samples submitted to our laboratory on: 05/05/2026 8:49 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: {3.9}°C

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: {4.9}°C

Sample Summary

<u>SampleName</u>	<u>Lab Number</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
MW-9 (20260505)	26E0163-01	Water	05/05/2026 10:55 AM	05/05/2026 8:49 PM
MW-10 (20260505)	26E0163-02	Water	05/05/2026 10:30 AM	05/05/2026 8:49 PM
MW-11R (20260505)	26E0163-03	Water	05/05/2026 10:20 AM	05/05/2026 8:49 PM
MW-13R (20260505)	26E0163-04	Water	05/05/2026 9:35 AM	05/05/2026 8:49 PM
MW-14 (20260505)	26E0163-05	Water	05/05/2026 9:05 AM	05/05/2026 8:49 PM
MW-15 (20260505)	26E0163-06	Water	05/05/2026 12:00 PM	05/05/2026 8:49 PM
FB (20260505)	26E0163-07	Water	05/05/2026 12:05 PM	05/05/2026 8:49 PM
TB (20260505)	26E0163-08	Water	05/05/2026 12:05 PM	05/05/2026 8:49 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 (20260505)	EPA 8260D	26E0163-01	Water	1,2,3-Trichlorobenzene	CCVE
MW-9 (20260505)	EPA 8260D	26E0163-01	Water	1,2,4-Trichlorobenzene	CCVE
MW-9 (20260505)	EPA 8260D	26E0163-01	Water	Acrolein	CCVE
MW-9 (20260505)	EPA 8260D	26E0163-01	Water	Acrolein	ICVE
MW-9 (20260505)	EPA 8260D	26E0163-01	Water	Bromomethane	CCVE
MW-9 (20260505)	EPA 8260D	26E0163-01	Water	Hexachlorobutadiene	CCVE
MW-9 (20260505)	EPA 8260D	26E0163-01	Water	Tetrachloroethylene	ICVE
MW-9 (20260505)	EPA 8260D	26E0163-01	Water	Tetrachloroethylene	QL-02
MW-10 (20260505)	EPA 8260D	26E0163-02	Water	Tetrachloroethylene	QL-02
MW-10 (20260505)	EPA 8260D	26E0163-02	Water	trans-1,4-dichloro-2-butene	CCVE
MW-11R (20260505)	EPA 8260D	26E0163-03	Water	Acetone	J
MW-11R (20260505)	EPA 8260D	26E0163-03	Water	Tetrachloroethylene	QL-02
MW-11R (20260505)	EPA 8260D	26E0163-03	Water	trans-1,4-dichloro-2-butene	CCVE
MW-13R (20260505)	EPA 8260D	26E0163-04	Water	Tetrachloroethylene	QL-02
MW-13R (20260505)	EPA 8260D	26E0163-04	Water	trans-1,4-dichloro-2-butene	CCVE
MW-14 (20260505)	EPA 8260D	26E0163-05	Water	Tetrachloroethylene	QL-02
MW-14 (20260505)	EPA 8260D	26E0163-05	Water	trans-1,4-dichloro-2-butene	CCVE
MW-15 (20260505)	EPA 8260D	26E0163-06	Water	Tetrachloroethylene	QL-02
MW-15 (20260505)	EPA 8260D	26E0163-06	Water	trans-1,4-dichloro-2-butene	CCVE
FB (20260505)	EPA 8260D	26E0163-07	Water	Tetrachloroethylene	QL-02
FB (20260505)	EPA 8260D	26E0163-07	Water	trans-1,4-dichloro-2-butene	CCVE
TB (20260505)	EPA 8260D	26E0163-08	Water	1,2,3-Trichlorobenzene	CCVE
TB (20260505)	EPA 8260D	26E0163-08	Water	1,2,4-Trichlorobenzene	CCVE
TB (20260505)	EPA 8260D	26E0163-08	Water	Acrolein	ICVE
TB (20260505)	EPA 8260D	26E0163-08	Water	Acrolein	CCVE
TB (20260505)	EPA 8260D	26E0163-08	Water	Bromomethane	CCVE
TB (20260505)	EPA 8260D	26E0163-08	Water	Hexachlorobutadiene	CCVE
TB (20260505)	EPA 8260D	26E0163-08	Water	Tetrachloroethylene	QL-02
TB (20260505)	EPA 8260D	26E0163-08	Water	Tetrachloroethylene	ICVE
	EPA 8260D	S6E0801-SCV1	Water	Acrolein	ICVE
	EPA 8260D	S6E0801-SCV1	Water	Bromomethane	ICVE
	EPA 8260D	S6E0801-SCV1	Water	Chloromethane	ICVE
	EPA 8260D	S6E0801-SCV1	Water	Dichlorodifluoromethane	ICVE
	EPA 8260D	S6E0801-SCV1	Water	Tetrachloroethylene	ICVE

Analytical Work Order Narrative

Qualifier Definitions :

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 to 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 : SE60011

Samples and QC analyzed using this calibration / sequence.

Calibration	Batch	Sequence	SampleName	LabNumber	Instrument	File ID
SE60011	S6E0801	S6E0801	Secondary Cal Check	S6E0801-SCV1	VOA No. 8	V8-012709.D
SE60011	S6E0904	S6E0904	Calibration Check	S6E0904-CCV1	VOA No. 8	V8-012827.D
SE60011	BE60494	S6E0904	LCS	BE60494-BS1	VOA No. 8	V8-012828.D
SE60011	BE60494	S6E0904	LCS Dup	BE60494-BSD1	VOA No. 8	V8-012829.D
SE60011	BE60494	S6E0904	Blank	BE60494-BLK1	VOA No. 8	V8-012831.D
SE60011	BE60494	S6E0904	TB (20260505)	26E0163-08	VOA No. 8	V8-012832.D
SE60011	BE60494	S6E0904	MW-9 (20260505)	26E0163-01	VOA No. 8	V8-012836.D
SE60011	S6E1115	S6E1115	Calibration Check	S6E1115-CCV1	VOA No. 8	V8-012850.D
SE60011	BE60547	S6E1115	LCS	BE60547-BS1	VOA No. 8	V8-012851.D
SE60011	BE60547	S6E1115	Blank	BE60547-BLK1	VOA No. 8	V8-012854.D
SE60011	BE60547	S6E1115	FB (20260505)	26E0163-07	VOA No. 8	V8-012856.D
SE60011	BE60547	S6E1115	MW-10 (20260505)	26E0163-02	VOA No. 8	V8-012859.D
SE60011	BE60547	S6E1115	MW-11R (20260505)	26E0163-03	VOA No. 8	V8-012860.D
SE60011	BE60547	S6E1115	MW-13R (20260505)	26E0163-04	VOA No. 8	V8-012861.D
SE60011	BE60547	S6E1115	MW-14 (20260505)	26E0163-05	VOA No. 8	V8-012862.D
SE60011	BE60547	S6E1115	MW-15 (20260505)	26E0163-06	VOA No. 8	V8-012863.D
SE60011	BE60547	S6E1115	MW-14 (20260505)MS1	BE60547-MS1	VOA No. 8	V8-012870.D
SE60011	BE60547	S6E1115	MW-14 (20260505)MSD1	BE60547-MSD1	VOA No. 8	V8-012871.D
SE60011	S6E1235	S6E1235	Calibration Check	S6E1235-CCV1	VOA No. 8	V8-012898a.D
SE60011	BE60583	S6E1235	LCS	BE60583-BS1	VOA No. 8	V8-012899.D
SE60011	BE60583	S6E1235	LCS Dup	BE60583-BSD1	VOA No. 8	V8-012900.D
SE60011	BE60583	S6E1235	Blank	BE60583-BLK1	VOA No. 8	V8-012902.D
SE60011	BE60583	S6E1235	MW-9 (20260505)	26E0163-01RE1	VOA No. 8	V8-012905.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 with the following exceptions:

Calibration ID	Lab Number	Analyte	True Value	Result	Recovery%	Limits
SE60011	S6E0801-SCV1	Acrolein	40.0	26.1	65.3	70 - 130
SE60011	S6E0801-SCV1	Bromomethane	10.0	14.1	141	70 - 130
SE60011	S6E0801-SCV1	Chloromethane	10.0	14.5	145	70 - 130
SE60011	S6E0801-SCV1	Dichlorodifluoromethane	10.0	21.6	216	70 - 130
SE60011	S6E0801-SCV1	Tetrachloroethylene	10.0	6.12	61.2	70 - 130

The following QC and or client samples were affected:

LabNumber	SampleName	File ID
S6E0904-CCV1	Calibration Check	V8-012827.D
BE60494-BS1	LCS	V8-012828.D
BE60494-BSD1	LCS Dup	V8-012829.D
BE60494-BLK1	Blank	V8-012831.D
26E0163-08	TB (20260505)	V8-012832.D
26E0163-01	MW-9 (20260505)	V8-012836.D
S6E1115-CCV1	Calibration Check	V8-012850.D
BE60547-BS1	LCS	V8-012851.D
BE60547-BLK1	Blank	V8-012854.D
26E0163-07	FB (20260505)	V8-012856.D
26E0163-02	MW-10 (20260505)	V8-012859.D
26E0163-03	MW-11R (20260505)	V8-012860.D
26E0163-04	MW-13R (20260505)	V8-012861.D
26E0163-05	MW-14 (20260505)	V8-012862.D
26E0163-06	MW-15 (20260505)	V8-012863.D
BE60547-MS1	Matrix Spike	V8-012870.D
BE60547-MSD1	Matrix Spike Dup	V8-012871.D
S6E1235-CCV1	Calibration Check	V8-012898a.D
BE60583-BS1	LCS	V8-012899.D
BE60583-BSD1	LCS Dup	V8-012900.D
BE60583-BLK1	Blank	V8-012902.D

Continuing Calibration Verification-

Calibration	Sequence	LabNumber	File ID	Date / Time
SE60011	S6E0904	S6E0904-CCV1	V8-012827.D	05/09/26 01:19
SE60011	S6E1115	S6E1115-CCV1	V8-012850.D	05/09/26 13:45
SE60011	S6E1235	S6E1235-CCV1	V8-012898a.D	05/11/26 07:57

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

Calibration	LabNumber	Analyte	Units	Result	TrueVal	REC%	Limits	File ID
SE60011	S6E0904-CCV1	1,2,3-Trichlorobenzene	ug/L	7.79	10.0	77.9	80 120	V8-012827.D
SE60011	S6E0904-CCV1	1,2,4-Trichlorobenzene	ug/L	7.59	10.0	75.9	80 120	V8-012827.D
SE60011	S6E0904-CCV1	Acrolein	ug/L	18.8	25.0	75.2	80 120	V8-012827.D
SE60011	S6E0904-CCV1	Bromomethane	ug/L	4.62	10.0	46.2	80 120	V8-012827.D
SE60011	S6E0904-CCV1	Hexachlorobutadiene	ug/L	7.09	10.0	70.9	80 120	V8-012827.D
SE60011	S6E1115-CCV1	cis-1,3-Dichloropropylene	ug/L	12.1	10.0	121	80 120	V8-012850.D
SE60011	S6E1115-CCV1	trans-1,4-dichloro-2-butene	ug/L	7.60	10.0	76	80 120	V8-012850.D
SE60011	S6E1235-CCV1	Dichlorodifluoromethane	ug/L	13.3	10.0	133	80 120	V8-012898a.D

Analytical Work Order Narrative

SE60011	S6E1235-CCV1	Tetrachloroethylene	ug/L	7.51	10.0	75.1	80	120	V8-012898a.D
SE60011	S6E1235-CCV1	trans-1,4-dichloro-2-butene	ug/L	12.1	10.0	121	80	120	V8-012898a.D

The following QC and or client samples were affected:

Calibration	Sequence	LabNumber	SampleName	Source Sample	File ID
SE60011	S6E0904	BE60494-BS1	LCS		V8-012828.D
SE60011	S6E0904	BE60494-BSD1	LCS Dup		V8-012829.D
SE60011	S6E0904	BE60494-BLK1	Blank		V8-012831.D
SE60011	S6E0904	26E0163-08	TB (20260505)		V8-012832.D
SE60011	S6E0904	26E0163-01	MW-9 (20260505)		V8-012836.D
SE60011	S6E1115	BE60547-BS1	LCS		V8-012851.D
SE60011	S6E1115	BE60547-BLK1	Blank		V8-012854.D
SE60011	S6E1115	26E0163-07	FB (20260505)		V8-012856.D
SE60011	S6E1115	26E0163-02	MW-10 (20260505)		V8-012859.D
SE60011	S6E1115	26E0163-03	MW-11R (20260505)		V8-012860.D
SE60011	S6E1115	26E0163-04	MW-13R (20260505)		V8-012861.D
SE60011	S6E1115	26E0163-05	MW-14 (20260505)		V8-012862.D
SE60011	S6E1115	26E0163-06	MW-15 (20260505)		V8-012863.D
SE60011	S6E1115	BE60547-MS1	Matrix Spike	MW-14 (2026050	V8-012870.D
SE60011	S6E1115	BE60547-MSD1	Matrix Spike Dup	MW-14 (2026050	V8-012871.D
SE60011	S6E1235	BE60583-BS1	LCS		V8-012899.D
SE60011	S6E1235	BE60583-BSD1	LCS Dup		V8-012900.D
SE60011	S6E1235	BE60583-BLK1	Blank		V8-012902.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	BE60494	S6E0904	VOA No. 8	BE60494-BLK1	V8-012831.D
VOA	BE60547	S6E1115	VOA No. 8	BE60547-BLK1	V8-012854.D
VOA	BE60583	S6E1235	VOA No. 8	BE60583-BLK1	V8-012902.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
SE60011	6E0904	BE60494-BS1	LCS	V8-012828.D
SE60011	6E0904	BE60494-BSD1	LCS Dup	V8-012829.D
SE60011	6E1115	BE60547-BS1	LCS	V8-012851.D
SE60011	6E1235	BE60583-BS1	LCS	V8-012899.D
SE60011	6E1235	BE60583-BSD1	LCS Dup	V8-012900.D

Sequence	SampleName	LabNumber	Analyte	DupRec%	Rec%	RPD%	REC Limits	RPD Limit
S6E0904	LCS	BE60494-BS1	Tetrachloroethylene		67.3		82 - 131	
S6E0904	LCS Dup	BE60494-BSD1	Tetrachloroethylene	67.3	65	3.48	82 - 131	30
S6E1115	LCS	BE60547-BS1	Tetrachloroethylene		71.8		82 - 131	
S6E1235	LCS	BE60583-BS1	Tetrachloroethylene		65.9		82 - 131	
S6E1235	LCS Dup	BE60583-BSD1	Dichlorodifluoromethane	94.8	68.4	32.4	44 - 144	30
S6E1235	LCS Dup	BE60583-BSD1	Tetrachloroethylene	65.9	63.8	3.24	82 - 131	30

The following samples were affected:

Batch	LabNumber	SampleName	SourceSample
BE60494	26E0163-01	MW-9 (20260505)	
BE60547	26E0163-02	MW-10 (20260505)	
BE60547	26E0163-03	MW-11R (20260505)	
BE60547	26E0163-04	MW-13R (20260505)	
BE60547	26E0163-05	MW-14 (20260505)	
BE60547	26E0163-06	MW-15 (20260505)	
BE60547	26E0163-07	FB (20260505)	
BE60494	26E0163-08	TB (20260505)	
BE60494	BE60494-BLK1	Blank	
BE60547	BE60547-BLK1	Blank	
BE60547	BE60547-MS1	Matrix Spike	MW-14 (20260505)
BE60547	BE60547-MSD1	Matrix Spike Dup	MW-14 (20260505)
BE60583	BE60583-BLK1	Blank	

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	SE60011	BE60547	S6E1115	MW-14 (20260505)MS1	26E0163-05	MW-14 (20260505)	BE60547-MS1
VOA	SE60011	BE60547	S6E1115	MW-14 (20260505)MSD1	26E0163-05	MW-14 (20260505)	BE60547-MSD1

Sequence	SourceSample	LabNumber	Analyte	Units	DupRec%	Rec%	RPD	Limits	RPD Lim
S6E1115	MW-14 (20260505)	BE60547-MS1	Tetrachloroethylene	ug/L		57.4		64 - 139	
S6E1115	MW-14 (20260505)	BE60547-MSD1	1,1,2,2-Tetrachloroethane	ug/L	119	125	4.34	74 - 121	30
S6E1115	MW-14 (20260505)	BE60547-MSD1	1,2-Dichloropropane	ug/L	117	123	4.85	77 - 121	30
S6E1115	MW-14 (20260505)	BE60547-MSD1	Tetrachloroethylene	ug/L	57.4	62.9	9.14	64 - 139	30

RPD Report

Sequence	SampleName	SampleNumber	LabNumber	Analyte	RPD	RPDLimit	AnalyteNotes
S6E1115	MW-14 (20260505)MSD1	26E0163-05	BE60547-MSD1	Chloromethane	46	30	

Dilutions:

SpecificMethod	Batch	SampleName	LabNumber	Dilution
EPA 8260D	BE60583	MW-9 (20260505)	26E0163-01RE1	100

EPA 8260D

Internal Standards / Surrogates

Internal Standards Issues: No issues were encountered.

Surrogate Issues: No issues were encountered.

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

$$C_x (\text{ug/m}^3) = \frac{(\text{ppbv} \times \text{Molecular wt.})}{(24.45)}$$

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: BE60494		Preparation Method: EPA 5030B	Prepared By: THD
Sample ID	Client Sample ID	Preparation Date	
26E0163-01	MW-9 (20260505)	05/07/26	
26E0163-08	TB (20260505)	05/07/26	
BE60494-BLK1	Blank	05/08/26	
BE60494-BS1	LCS	05/08/26	
BE60494-BSD1	LCS Dup	05/08/26	

Batch ID: BE60547		Preparation Method: EPA 5030B	Prepared By: THD
Sample ID	Client Sample ID	Preparation Date	
26E0163-02	MW-10 (20260505)	05/09/26	
26E0163-03	MW-11R (20260505)	05/09/26	
26E0163-04	MW-13R (20260505)	05/09/26	
26E0163-05	MW-14 (20260505)	05/09/26	
26E0163-06	MW-15 (20260505)	05/09/26	
26E0163-07	FB (20260505)	05/09/26	
BE60547-BLK1	Blank	05/09/26	
BE60547-BS1	LCS	05/09/26	
BE60547-MS1	Matrix Spike	05/09/26	
BE60547-MSD1	Matrix Spike Dup	05/09/26	

Batch ID: BE60583		Preparation Method: EPA 5030B	Prepared By: me
Sample ID	Client Sample ID	Preparation Date	
26E0163-01RE1	MW-9 (20260505)	05/11/26	
BE60583-BLK1	Blank	05/11/26	
BE60583-BS1	LCS	05/11/26	
BE60583-BSD1	LCS Dup	05/11/26	



HOLDING TIME SUMMARY

EPA 8260D

Laboratory: ALS Environmental - Stratford

SDG: 26E0163

Client: Hydro Tech Environmental

Project: 230051 - 170 Freeman Street, Brooklyn

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 (20260505)	05/05/26	05/05/26	14.00	05/07/26	05/19/26		05/09/26		
MW-9 (20260505)	05/05/26	05/05/26	14.00	05/11/26	05/19/26		05/11/26		
MW-10 (20260505)	05/05/26	05/05/26	14.00	05/09/26	05/19/26		05/09/26		
MW-11R (20260505)	05/05/26	05/05/26	14.00	05/09/26	05/19/26		05/09/26		
MW-13R (20260505)	05/05/26	05/05/26	14.00	05/09/26	05/19/26		05/09/26		
MW-14 (20260505)	05/05/26	05/05/26	14.00	05/09/26	05/19/26		05/09/26		
MW-15 (20260505)	05/05/26	05/05/26	14.00	05/09/26	05/19/26		05/09/26		
FB (20260505)	05/05/26	05/05/26	14.00	05/09/26	05/19/26		05/09/26		
TB (20260505)	05/05/26	05/05/26	14.00	05/07/26	05/19/26		05/09/26		



HOLDING TIME SUMMARY

SDG: 26E0163

Project: 230051 - 170 Freeman Street, Brooklyn

Method EPA 8260D

Matrix: Water

Hold Time (Days)

Sampled To Analyzed: 14.00

Sample Name	Date				Expiration Date	Days To Analysis
	Sampled	Received	Prepared	Analyzed	Sampled To Analyzed:	
MW-9 (20260505)	05/05/26 10:55	05/05/26 20:49	05/07/26 7:00	05/09/26 6:09	05/19/26	3.80
MW-9 (20260505)	05/05/26 10:55	05/05/26 20:49	05/11/26 7:00	05/11/26 12:50	05/19/26	6.08
MW-10 (20260505)	05/05/26 10:30	05/05/26 20:49	05/09/26 7:00	05/09/26 18:46	05/19/26	4.34
MW-11R (20260505)	05/05/26 10:20	05/05/26 20:49	05/09/26 7:00	05/09/26 19:18	05/19/26	4.37
MW-13R (20260505)	05/05/26 9:35	05/05/26 20:49	05/09/26 7:00	05/09/26 19:50	05/19/26	4.43
MW-14 (20260505)	05/05/26 9:05	05/05/26 20:49	05/09/26 7:00	05/09/26 20:22	05/19/26	4.47
MW-15 (20260505)	05/05/26 12:00	05/05/26 20:49	05/09/26 7:00	05/09/26 20:54	05/19/26	4.37
FB (20260505)	05/05/26 12:05	05/05/26 20:49	05/09/26 7:00	05/09/26 17:09	05/19/26	4.21
TB (20260505)	05/05/26 12:05	05/05/26 20:49	05/07/26 7:00	05/09/26 4:00	05/19/26	3.66

Q

Definitions and Other Explanations

Summary of Non-Conformance and Data Qualifiers Related

this Work Order: 26E0163

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).
^	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.

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.

Definitions and Other Explanations (Continued)

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: 26E0163

Parameter	Result	Flag	MDL	RL	Units	Specific Method	Analyzed
26E0163-01 - MW-9 (20260505)							
cis-1,2-Dichloroethylene	400		29.4	50.0	ug/L	EPA 8260D	05/11/26 12:50
trans-1,2-Dichloroethylene	24.4		0.279	0.500	ug/L	EPA 8260D	05/09/26 6:09
Trichloroethylene	0.630		0.249	0.500	ug/L	EPA 8260D	05/09/26 6:09
Vinyl Chloride	2.49		0.469	0.500	ug/L	EPA 8260D	05/09/26 6:09
26E0163-02 - MW-10 (20260505)							
Bromodichloromethane	1.54		0.245	0.500	ug/L	EPA 8260D	05/09/26 18:46
Chloroform	17.0		0.243	0.500	ug/L	EPA 8260D	05/09/26 18:46
26E0163-03 - MW-11R (20260505)							
Acetone	1.65	J	1.34	2.00	ug/L	EPA 8260D	05/09/26 19:18
cis-1,2-Dichloroethylene	4.95		0.294	0.500	ug/L	EPA 8260D	05/09/26 19:18
26E0163-07 - FB (20260505)							
Chloroform	20.6		0.243	0.500	ug/L	EPA 8260D	05/09/26 17:09
26E0163-08 - TB (20260505)							
Acetone	3.11		1.34	2.00	ug/L	EPA 8260D	05/09/26 4:00

DATA PACKAGE

SDG: 26E0163

Client: Hydro Tech Environmental

Project: 230051 - 170 Freeman Street, Brooklyn

METHOD DETECTION AND REPORTING LIMITS

EPA 8260D

Laboratory: ALS Environmental - Stratford

SDG: 26E0163

Client: Hydro Tech Environmental

Project: 230051 - 170 Freeman Street, Brooklyn

Matrix: Water

Instrument: NA

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: 26E0163

Client: Hydro Tech Environmental

Project: 230051 - 170 Freeman Street, Brooklyn

Matrix: Water

Instrument: NA

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 (20260505)			Sample ID: 26E0163-01	
Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26E0163	230051 - 170 Freeman Street, Brooklyn	Ground Water	May 5, 2026 10:55 am	05/05/2026

Volatile Organic Compounds by GC/MS

Sample Prepared by Method: EPA 5030B

Results Reported to MDL

CAS No.	Parameter	Result	Lab Qualifier	CLP Flag	Units	RL	MDL	Dilution	Reference Method	Prepared	Analyzed Date	By
630-20-6	1,1,1,2-Tetrachloroethane	ND		U	ug/L	0.500	0.216	1	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
71-55-6	1,1,1-Trichloroethane	ND		U	ug/L	0.500	0.266	1	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
79-34-5	1,1,2,2-Tetrachloroethane	ND		U	ug/L	0.500	0.256	1	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	ug/L	0.500	0.286	1	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
79-00-5	1,1,2-Trichloroethane	ND		U	ug/L	0.500	0.249	1	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
75-34-3	1,1-Dichloroethane	ND		U	ug/L	0.500	0.272	1	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
75-35-4	1,1-Dichloroethylene	ND		U	ug/L	0.500	0.327	1	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE	U	ug/L	0.500	0.222	1	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
96-18-4	1,2,3-Trichloropropane	ND		U	ug/L	0.500	0.273	1	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	U	ug/L	0.500	0.138	1	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
95-63-6	1,2,4-Trimethylbenzene	ND		U	ug/L	0.500	0.310	1	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
96-12-8	1,2-Dibromo-3-chloropropane	ND		U	ug/L	0.500	0.432	1	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
106-93-4	1,2-Dibromoethane	ND		U	ug/L	0.500	0.215	1	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
95-50-1	1,2-Dichlorobenzene	ND		U	ug/L	0.500	0.270	1	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
107-06-2	1,2-Dichloroethane	ND		U	ug/L	0.500	0.377	1	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
78-87-5	1,2-Dichloropropane	ND		U	ug/L	0.500	0.327	1	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
108-67-8	1,3,5-Trimethylbenzene	ND		U	ug/L	0.500	0.347	1	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
541-73-1	1,3-Dichlorobenzene	ND		U	ug/L	0.500	0.283	1	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
106-46-7	1,4-Dichlorobenzene	ND		U	ug/L	0.500	0.311	1	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
78-93-3	2-Butanone	ND		U	ug/L	0.500	0.421	1	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
591-78-6	2-Hexanone	ND		U	ug/L	0.500	0.320	1	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
108-10-1	4-Methyl-2-pentanone	ND		U	ug/L	0.500	0.365	1	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
67-64-1	Acetone	ND		U	ug/L	2.00	1.34	1	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
107-02-8	Acrolein	ND	CCVE, ICVE	U	ug/L	0.500	0.447	1	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
107-13-1	Acrylonitrile	ND		U	ug/L	0.500	0.422	1	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
71-43-2	Benzene	ND		U	ug/L	0.500	0.279	1	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
74-97-5	Bromochloromethane	ND		U	ug/L	0.500	0.354	1	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
75-27-4	Bromodichloromethane	ND		U	ug/L	0.500	0.245	1	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
75-25-2	Bromoform	ND		U	ug/L	0.500	0.163	1	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
74-83-9	Bromomethane	ND	CCVE	U	ug/L	2.00	0.500	1	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
75-15-0	Carbon disulfide	ND		U	ug/L	0.500	0.362	1	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
56-23-5	Carbon tetrachloride	ND		U	ug/L	0.500	0.204	1	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
108-90-7	Chlorobenzene	ND		U	ug/L	0.500	0.284	1	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
75-00-3	Chloroethane	ND		U	ug/L	0.500	0.448	1	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD

Sample Information

Client Sample ID: MW-9 (20260505)			Sample ID: 26E0163-01		
Project (SDG) No.		Client Project ID		Matrix	Collection Date/Time
26E0163		230051 - 170 Freeman Street, Brooklyn		Ground Water	May 5, 2026 10:55 am
			Date Received		
			05/05/2026		

Volatile Organic Compounds by GC/MS

Sample Prepared by Method: EPA 5030B			Results Reported to MDL									
CAS No.	Parameter	Result	Lab Qualifier	CLP Flag	Units	RL	MDL	Dilution	Reference Method	Prepared	Analyzed Date	By
67-66-3	Chloroform	ND	CCVE	U	ug/L	0.500	0.243	1	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
74-87-3	Chloromethane	ND		U	ug/L	0.500	0.372	1	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
10061-01-5	cis-1,3-Dichloropropylene	ND		U	ug/L	0.500	0.262	1	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
110-82-7	Cyclohexane	ND		U	ug/L	0.500	0.491	1	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
124-48-1	Dibromochloromethane	ND		U	ug/L	0.500	0.146	1	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
74-95-3	Dibromomethane	ND		U	ug/L	0.500	0.203	1	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
75-71-8	Dichlorodifluoromethane	ND		U	ug/L	0.500	0.451	1	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
100-41-4	Ethyl Benzene	ND		U	ug/L	0.500	0.290	1	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
87-68-3	Hexachlorobutadiene	ND		U	ug/L	0.500	0.241	1	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
98-82-8	Isopropylbenzene	ND		U	ug/L	0.500	0.405	1	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
79-20-9	Methyl acetate	ND		U	ug/L	0.500	0.442	1	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		U	ug/L	0.500	0.244	1	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
108-87-2	Methylcyclohexane	ND		U	ug/L	0.500	0.477	1	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
75-09-2	Methylene chloride	ND		U	ug/L	2.00	0.397	1	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
104-51-8	n-Butylbenzene	ND		U	ug/L	0.500	0.399	1	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
103-65-1	n-Propylbenzene	ND		U	ug/L	0.500	0.384	1	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
95-47-6	o-Xylene	ND		U	ug/L	0.500	0.261	1	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
179601-23-1	p- & m- Xylenes	ND		U	ug/L	1.00	0.578	1	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
99-87-6	p-Isopropyltoluene	ND		U	ug/L	0.500	0.377	1	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
135-98-8	sec-Butylbenzene	ND		U	ug/L	0.500	0.444	1	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
100-42-5	Styrene	ND		U	ug/L	0.500	0.255	1	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
75-65-0	tert-Butyl alcohol (TBA)	ND		U	ug/L	1.00	0.608	1	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
98-06-6	tert-Butylbenzene	ND		U	ug/L	0.500	0.367	1	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	U	ug/L	0.500	0.239	1	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
108-88-3	Toluene	ND		U	ug/L	0.500	0.346	1	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
156-60-5	trans-1,2-Dichloroethylene	24.4			ug/L	0.500	0.279	1	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
10061-02-6	trans-1,3-Dichloropropylene	ND		U	ug/L	0.500	0.229	1	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
110-57-6	trans-1,4-dichloro-2-butene	ND		U	ug/L	0.500	0.283	1	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
79-01-6	Trichloroethylene	0.630			ug/L	0.500	0.249	1	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
75-69-4	Trichlorofluoromethane	ND		U	ug/L	0.500	0.337	1	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
75-01-4	Vinyl Chloride	2.49			ug/L	0.500	0.469	1	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
1330-20-7	Xylenes, Total	ND		U	ug/L	1.50	0.839	1	EPA 8260D	5/7/26 7:00	5/ 9/26 06:09	THD
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	100 %				69-130						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	99.3 %				79-122						

Sample Information

Client Sample ID: MW-9 (20260505)			Sample ID: 26E0163-01		
Project (SDG) No.	Client Project ID		Matrix	Collection Date/Time	Date Received
26E0163	230051 - 170 Freeman Street, Brooklyn		Ground Water	May 5, 2026 10:55 am	05/05/2026

Volatile Organic Compounds by GC/MS

Sample Prepared by Method: EPA 5030B

Results Reported to MDL

CAS No.	Parameter	Result	Lab Qualifier	CLP Flag	Units	RL	MDL	Dilution	Reference Method	Prepared	Analyzed Date	By
2037-26-5	Surrogate: SURR: Toluene-d8	102 %				81-117						

Data Path : C:\msdchem\1\data\V8-05-08-26\
 Data File : V8-012836.D
 Acq On : 9 May 2026 6:09 am
 Operator : THD
 InstName : VOA No. 8
 Sample : 26E0163-01 A
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Quant Time: May 09 15:56:06 2026
 Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Fri May 08 12:52:12 2026
 Response via : Initial Calibration

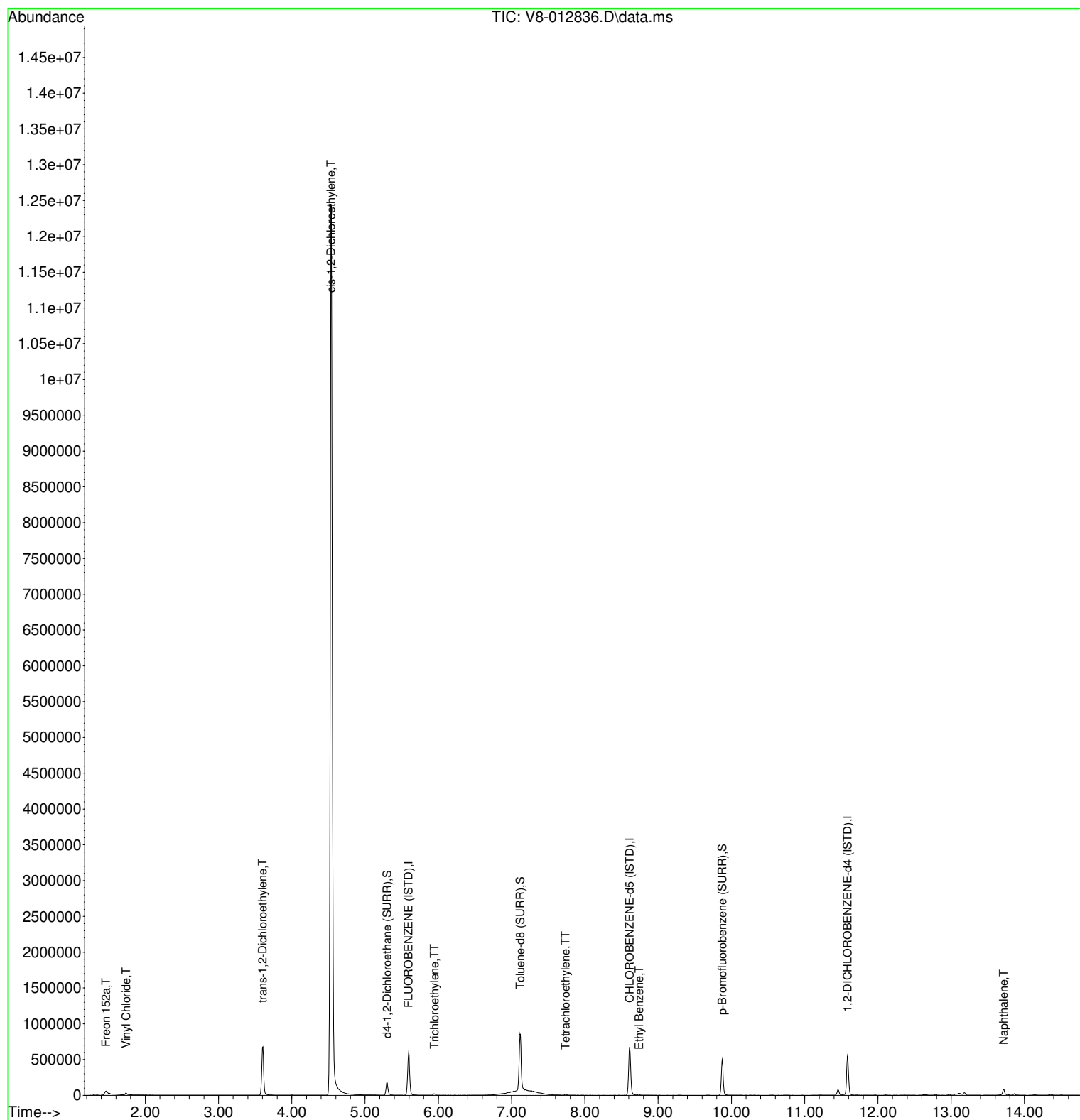
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

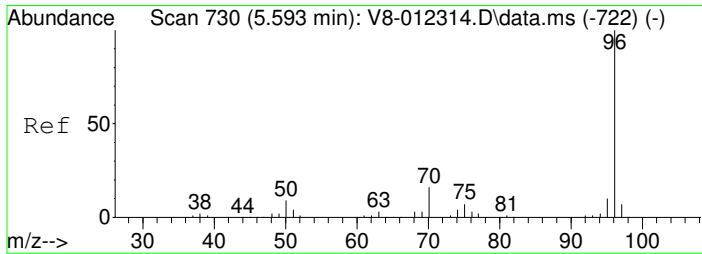
Internal Standards						
1) FLUOROBENZENE (ISTD)	5.593	50	55295	10.00	ppb	0.00
48) CHLOROBENZENE-d5 (ISTD)	8.611	119	153448	10.00	ppb	0.00
80) 1,2-DICHLOROBENZENE-d4...	11.586	152	184730	10.00	ppb	0.00
System Monitoring Compounds						
42) d4-1,2-Dichloroethane ...	5.301	65	125398	10.02	ppb	0.00
Spiked Amount 10.000	Range	69 - 130	Recovery	=	100.20%	
60) Toluene-d8 (SURR)	7.114	98	637074	10.23	ppb	0.00
Spiked Amount 10.000	Range	81 - 117	Recovery	=	102.30%	
82) p-Bromofluorobenzene (...)	9.876	95	195738	9.93	ppb	0.00
Spiked Amount 10.000	Range	79 - 122	Recovery	=	99.30%	
Target Compounds						
3) Freon 152a	1.464	65	54208	12.16	ppb	Qvalue # 1
8) Vinyl Chloride	1.736	62	31802	2.49	ppb	96
26) trans-1,2-Dichloroethy...	3.598	61	380566	24.45	ppb	99
33) cis-1,2-Dichloroethylene	4.535	61	7134603	432.67	ppb	87
49) Trichloroethylene	5.946	95	8175	0.63	ppb	97
67) Tetrachloroethylene	7.735	166	4620	0.23	ppb	97
75) Ethyl Benzene	8.739	91	10192	0.18	ppb	98
113) Naphthalene	13.715	128	82537	4.81	ppb	98

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

Data Path : C:\msdchem\1\data\V8-05-08-26\
Data File : V8-012836.D
Acq On : 9 May 2026 6:09 am
Operator : THD
InstName : VOA No. 8
Sample : 26E0163-01 A
Misc :
ALS Vial : 75 Sample Multiplier: 1

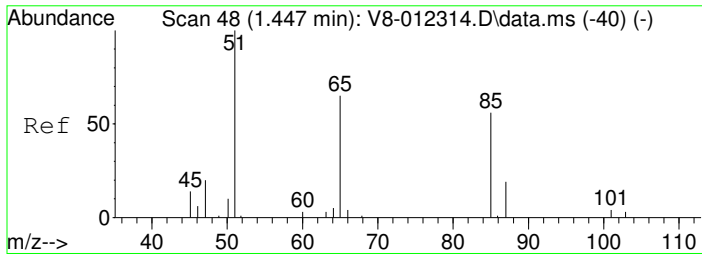
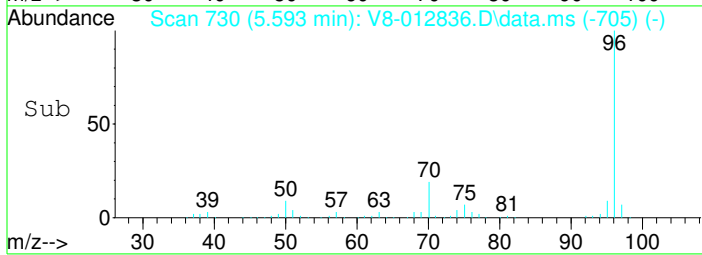
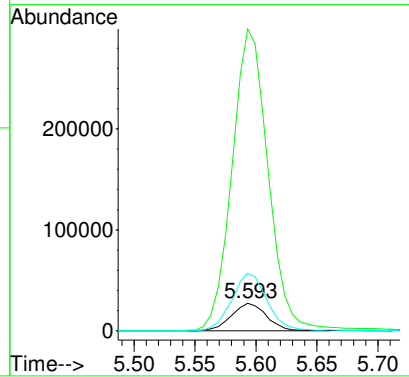
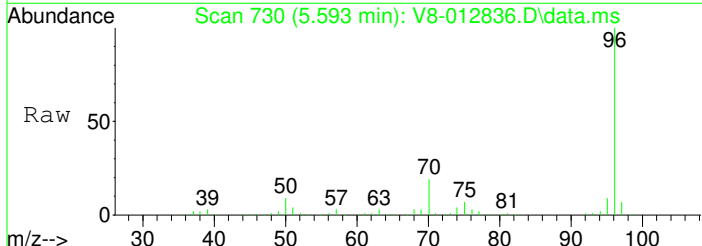
Quant Time: May 09 15:56:06 2026
Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Fri May 08 12:52:12 2026
Response via : Initial Calibration





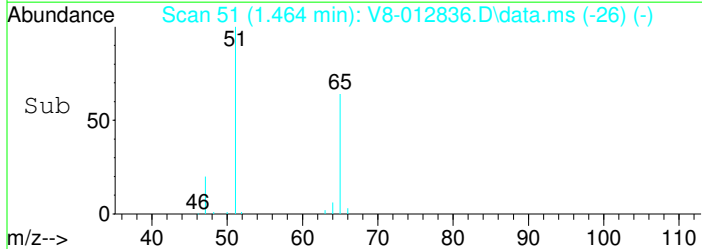
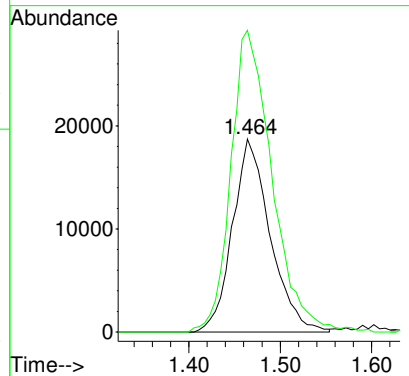
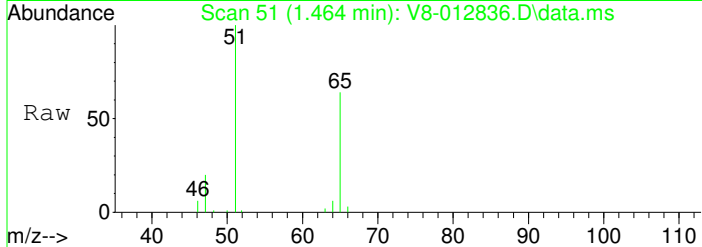
#1
 FLUOROBENZENE (ISTD)
 Concen: 10.00 ppb
 RT: 5.593 min Scan# 730
 Delta R.T. 0.000 min
 Lab File: V8-012836.D
 Acq: 9 May 2026 6:09 am

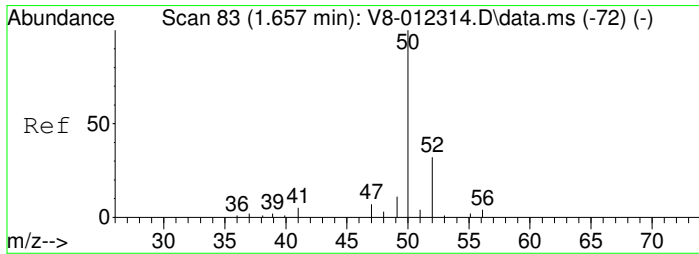
Tgt Ion:	50	Resp:	55295
Ion Ratio	Lower	Upper	
50	100		
96	1122.9	709.9	1474.3
70	208.4	137.5	285.7



#3
 Freon 152a
 Concen: 12.16 ppb
 RT: 1.464 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: V8-012836.D
 Acq: 9 May 2026 6:09 am

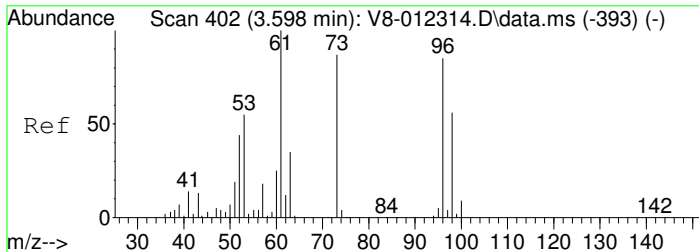
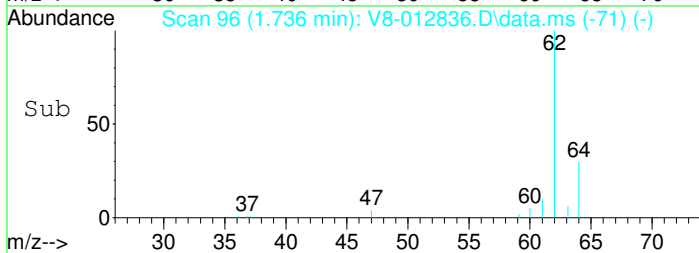
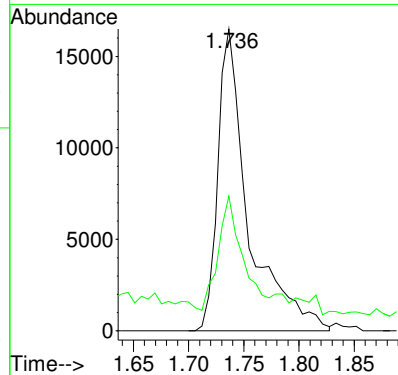
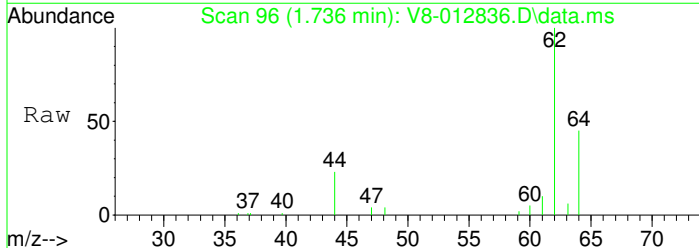
Tgt Ion:	65	Resp:	54208
Ion Ratio	Lower	Upper	
65	100		
51	171.3	269.2	559.2#





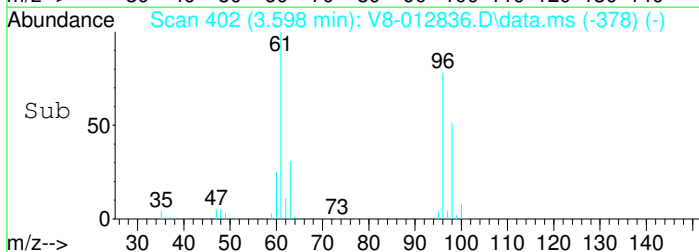
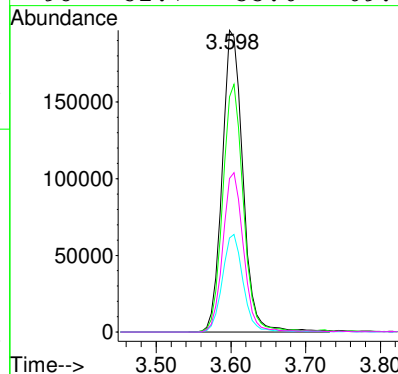
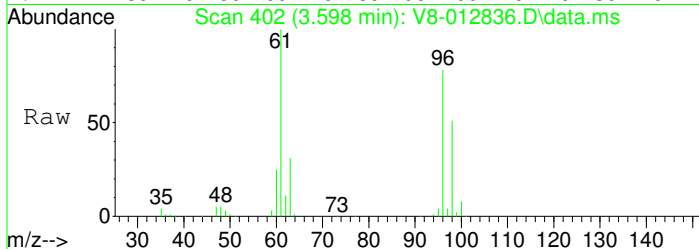
#8
Vinyl Chloride
Concen: 2.49 ppb
RT: 1.736 min Scan# 96
Delta R.T. 0.000 min
Lab File: V8-012836.D
Acq: 9 May 2026 6:09 am

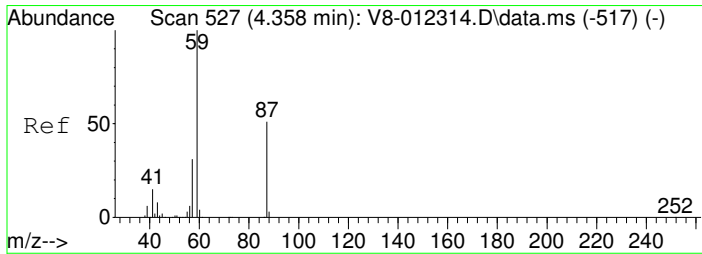
Tgt Ion:	62	Resp:	31802
Ion Ratio	Lower	Upper	
62	100		
64	30.1	20.9	43.3



#26
trans-1,2-Dichloroethylene
Concen: 24.45 ppb
RT: 3.598 min Scan# 402
Delta R.T. -0.006 min
Lab File: V8-012836.D
Acq: 9 May 2026 6:09 am

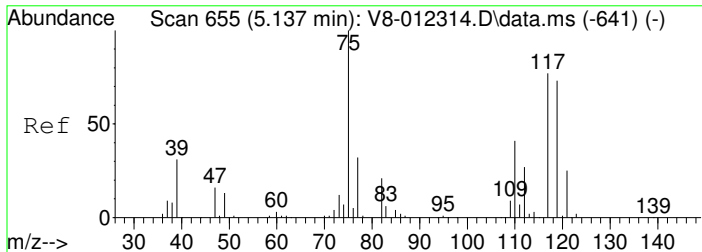
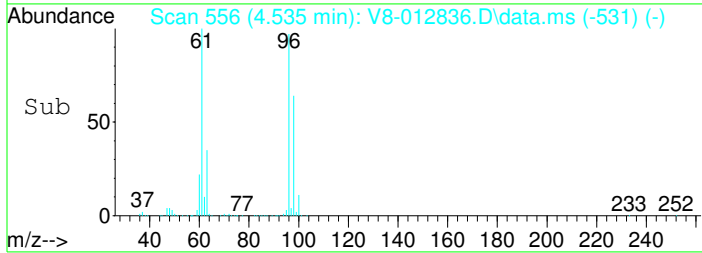
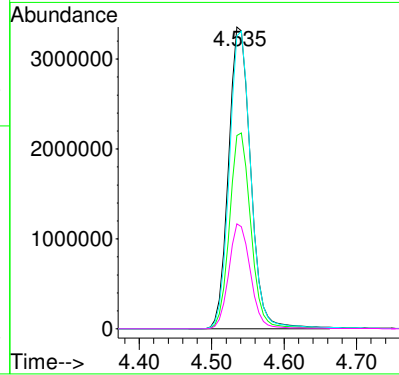
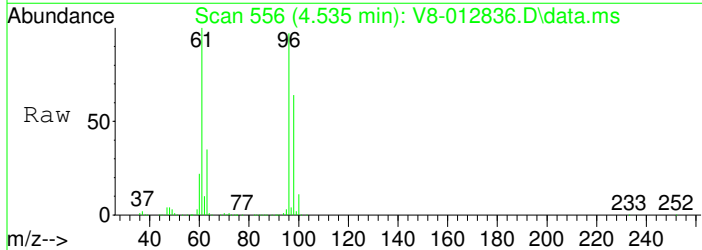
Tgt Ion:	61	Resp:	380566
Ion Ratio	Lower	Upper	
61	100		
96	81.6	52.7	109.5
63	32.6	20.7	43.1
98	52.7	33.6	69.8





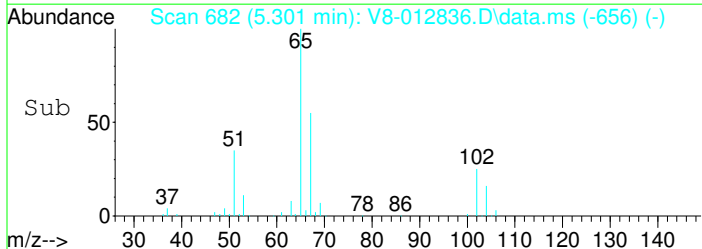
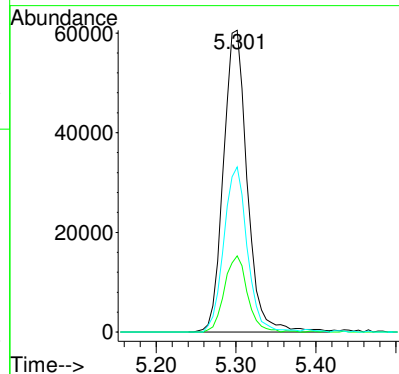
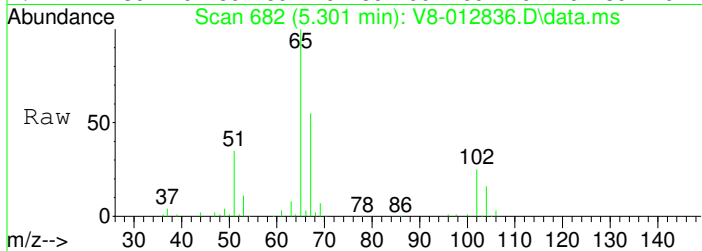
#33
 cis-1,2-Dichloroethylene
 Concen: 432.67 ppb
 RT: 4.535 min Scan# 556
 Delta R.T. -0.000 min
 Lab File: V8-012836.D
 Acq: 9 May 2026 6:09 am

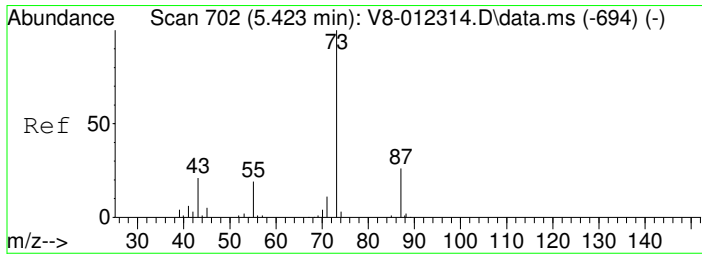
Tgt Ion:	61	Resp:	7134603
Ion Ratio	Lower	Upper	
61	100		
98	62.6	33.9	70.5
96	95.8	53.0	110.2
63	34.2	21.5	44.7



#42
 d4-1,2-Dichloroethane (SURR)
 Concen: 10.02 ppb
 RT: 5.301 min Scan# 682
 Delta R.T. 0.006 min
 Lab File: V8-012836.D
 Acq: 9 May 2026 6:09 am

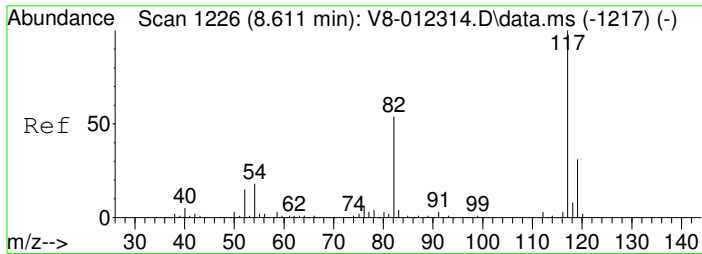
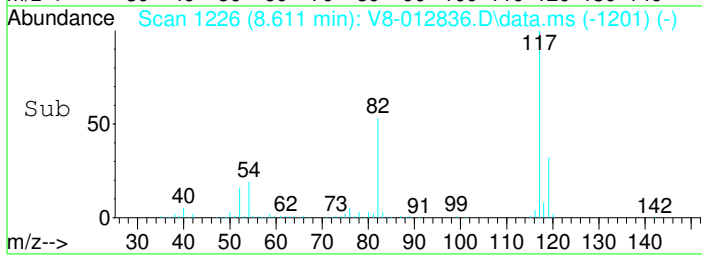
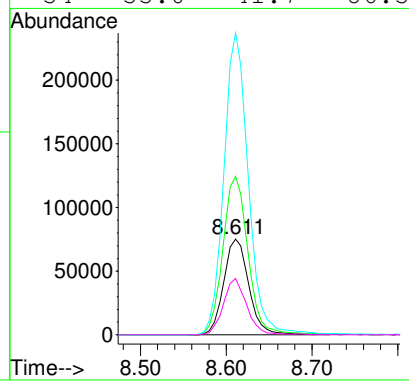
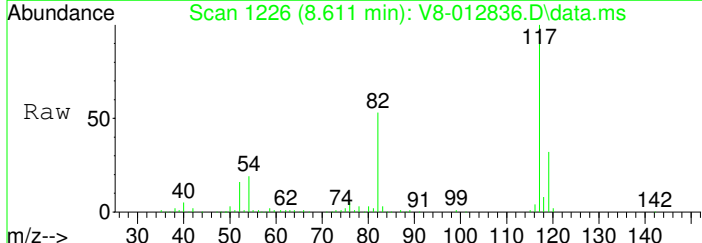
Tgt Ion:	65	Resp:	125398
Ion Ratio	Lower	Upper	
65	100		
102	24.3	15.3	31.9
67	53.9	36.3	75.3





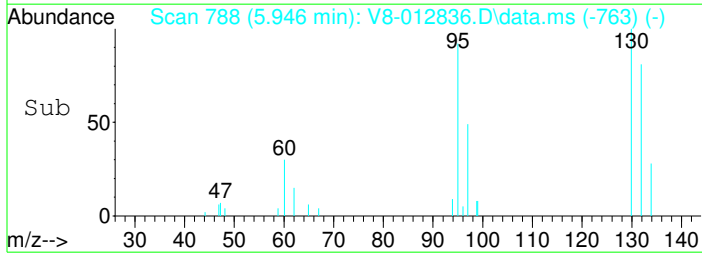
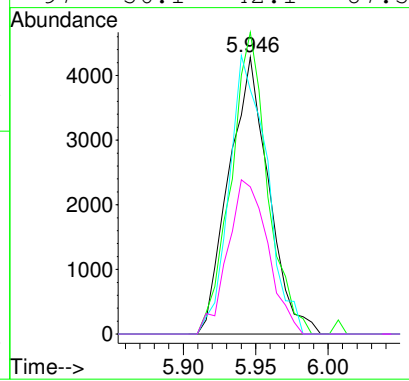
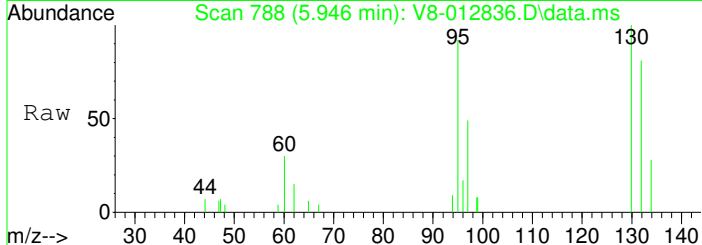
#48
 CHLOROBENZENE-d5 (ISTD)
 Concen: 10.00 ppb
 RT: 8.611 min Scan# 1226
 Delta R.T. -0.000 min
 Lab File: V8-012836.D
 Acq: 9 May 2026 6:09 am

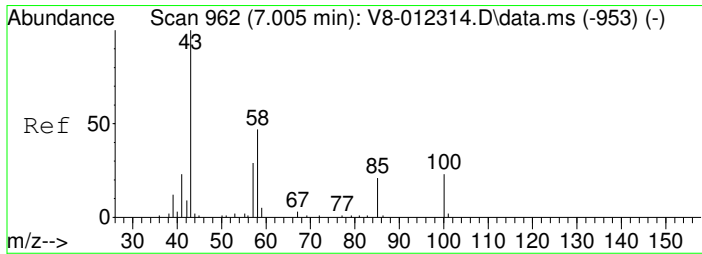
Tgt Ion:	119	Resp:	153448
Ion Ratio	Lower	Upper	
119	100		
82	165.2	112.1	232.7
117	305.4	203.0	421.6
54	55.0	41.7	86.5



#49
 Trichloroethylene
 Concen: 0.63 ppb
 RT: 5.946 min Scan# 788
 Delta R.T. 0.000 min
 Lab File: V8-012836.D
 Acq: 9 May 2026 6:09 am

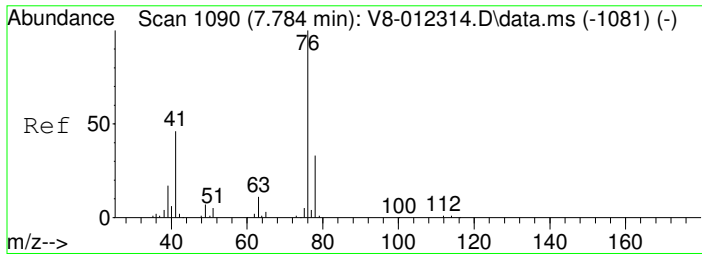
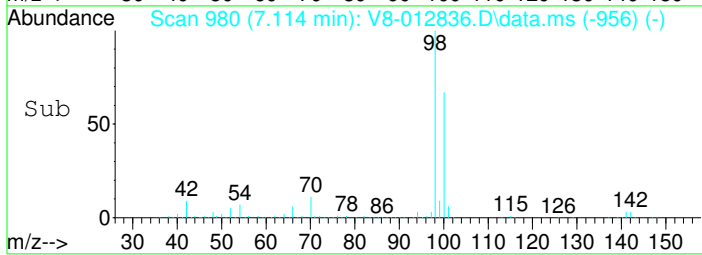
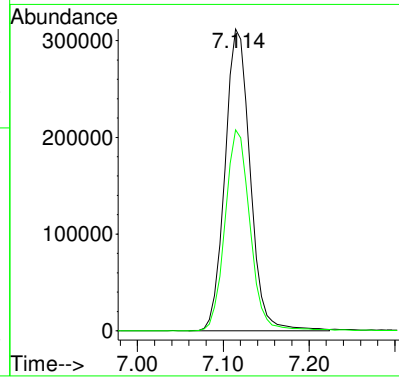
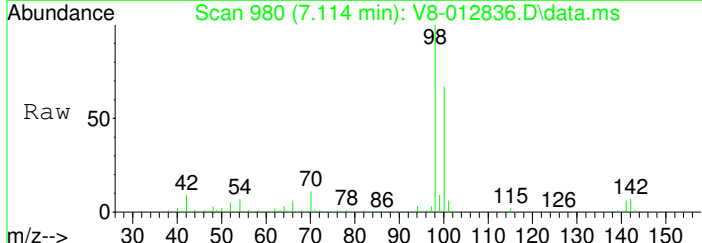
Tgt Ion:	95	Resp:	8175
Ion Ratio	Lower	Upper	
95	100		
130	100.2	65.3	135.5
132	95.1	62.3	129.5
97	56.1	42.1	87.5





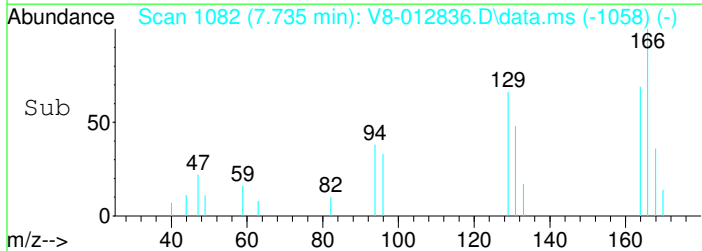
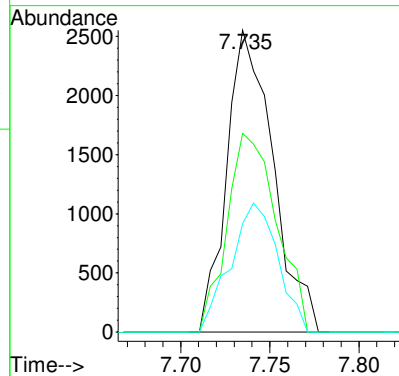
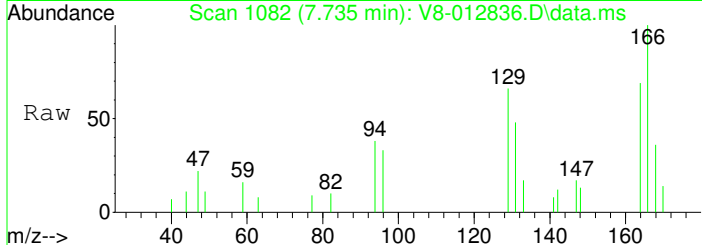
#60
Toluene-d8 (SURR)
Concen: 10.23 ppb
RT: 7.114 min Scan# 980
Delta R.T. -0.006 min
Lab File: V8-012836.D
Acq: 9 May 2026 6:09 am

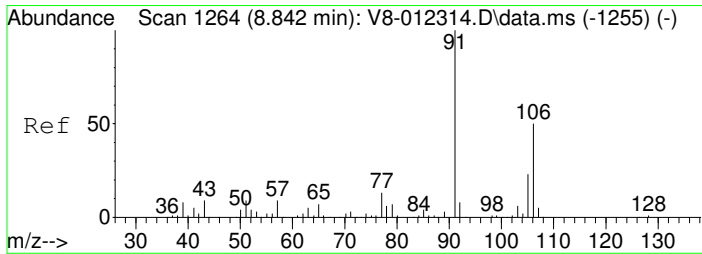
Tgt Ion	98	100	Ratio	Lower	Upper
98	100				
100	66.2	43.0			89.4



#67
Tetrachloroethylene
Concen: 0.23 ppb
RT: 7.735 min Scan# 1082
Delta R.T. -0.006 min
Lab File: V8-012836.D
Acq: 9 May 2026 6:09 am

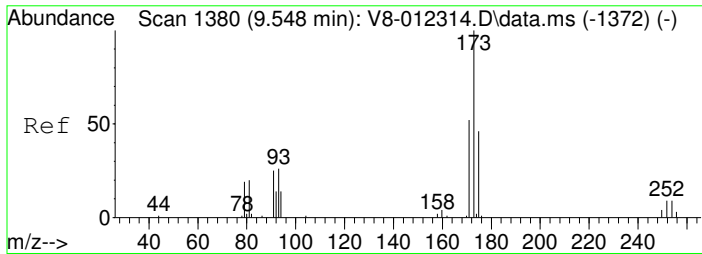
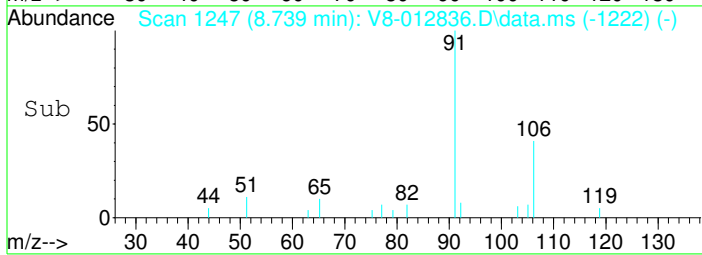
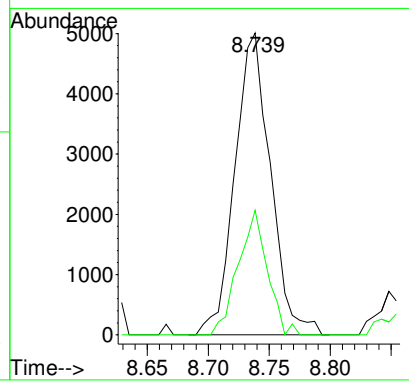
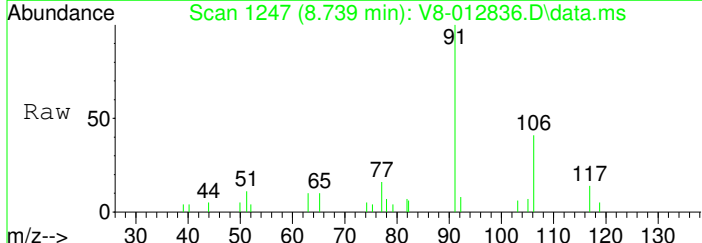
Tgt Ion	166	129	168	Ratio	Lower	Upper
166	100					
129	70.3	46.3				96.3
168	43.6	30.4				63.2





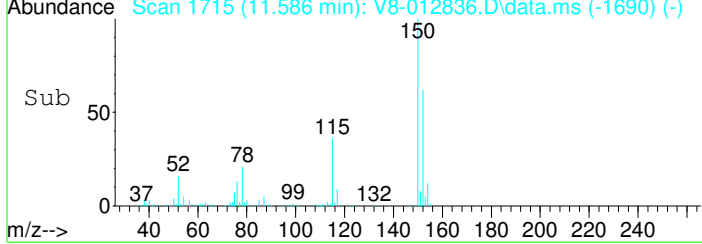
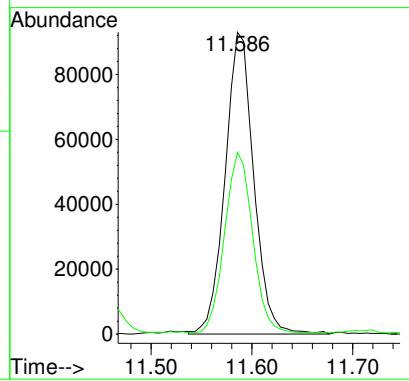
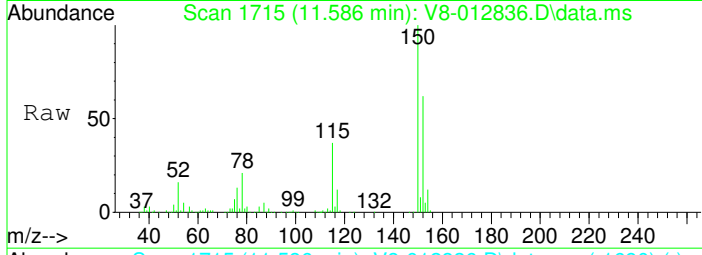
#75
Ethyl Benzene
Concen: 0.18 ppb
RT: 8.739 min Scan# 1247
Delta R.T. -0.000 min
Lab File: V8-012836.D
Acq: 9 May 2026 6:09 am

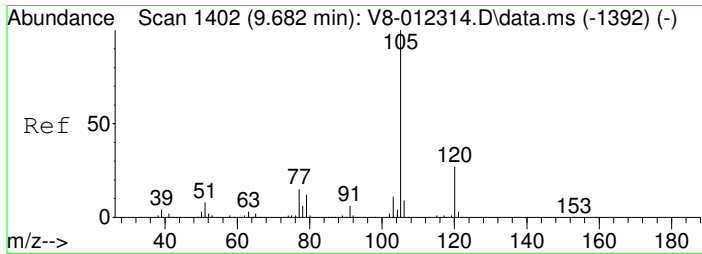
Tgt Ion:	91	Resp:	10192
Ion Ratio	Lower	Upper	
91	100		
106	33.7	21.1	43.7



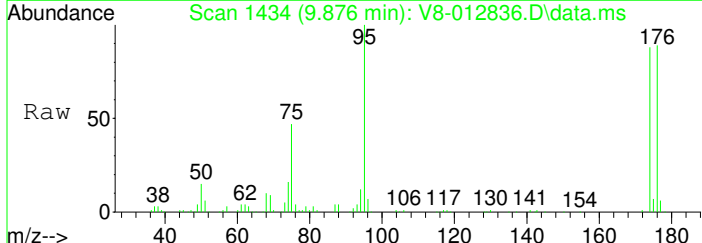
#80
1,2-DICHLOROBENZENE-d4 (ISTD)
Concen: 10.00 ppb
RT: 11.586 min Scan# 1715
Delta R.T. -0.000 min
Lab File: V8-012836.D
Acq: 9 May 2026 6:09 am

Tgt Ion:	152	Resp:	184730
Ion Ratio	Lower	Upper	
152	100		
115	58.1	40.6	84.4

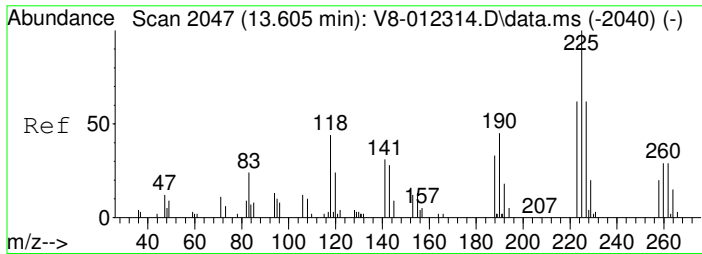
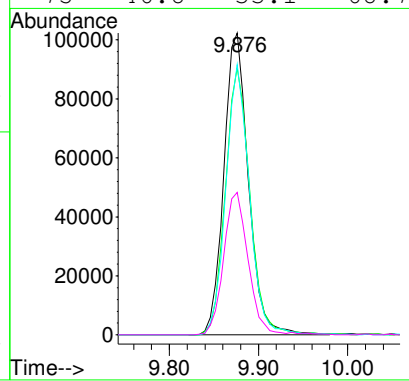
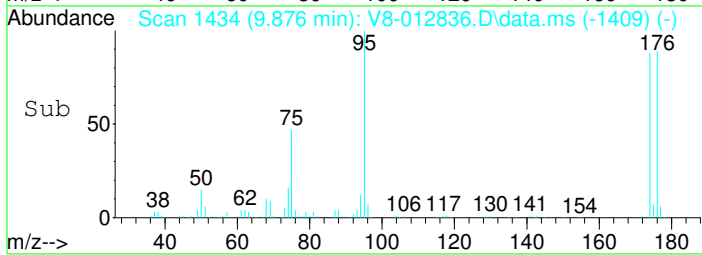




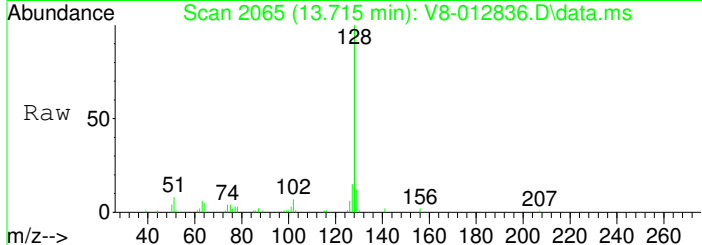
#82
 p-Bromofluorobenzene (SURR)
 Concen: 9.93 ppb
 RT: 9.876 min Scan# 1434
 Delta R.T. 0.000 min
 Lab File: V8-012836.D
 Acq: 9 May 2026 6:09 am



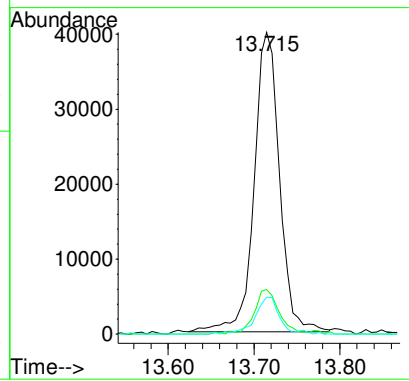
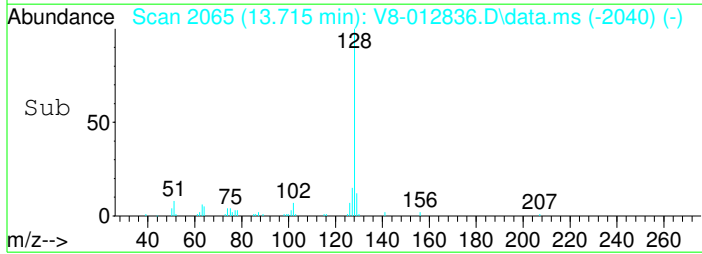
Tgt Ion:	95	Resp:	195738
Ion Ratio	Lower	Upper	
95	100		
174	88.2	54.0	112.2
176	85.7	50.2	104.2
75	46.8	33.1	68.7



#113
 Naphthalene
 Concen: 4.81 ppb
 RT: 13.715 min Scan# 2065
 Delta R.T. -0.000 min
 Lab File: V8-012836.D
 Acq: 9 May 2026 6:09 am



Tgt Ion:	128	Resp:	82537
Ion Ratio	Lower	Upper	
128	100		
127	14.5	8.6	17.8
129	12.1	7.5	15.5



Sample Information

Client Sample ID: MW-9 (20260505)			Sample ID: 26E0163-01RE1			
Project (SDG) No.		Client Project ID		Matrix	Collection Date/Time	Date Received
26E0163		230051 - 170 Freeman Street, Brooklyn		Ground Water	May 5, 2026 10:55 am	05/05/2026

Volatile Organic Compounds by GC/MS

Sample Prepared by Method: EPA 5030B

Results Reported to MDL

CAS No.	Parameter	Result	Lab Qualifier	CLP Flag	Units	RL	MDL	Dilution	Reference Method	Prepared	Analyzed Date	By
156-59-2	cis-1,2-Dichloroethylene	400		D	ug/L	50.0	29.4	100	EPA 8260D	5/11/26 7:00	5/11/26 12:50	THD
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	98.1 %				69-130						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	108 %				79-122						
2037-26-5	Surrogate: SURR: Toluene-d8	102 %				81-117						

Data Path : C:\msdchem\1\data\V8-05-11-26\
 Data File : V8-012905.D
 Acq On : 11 May 2026 12:50 pm
 Operator : THD
 InstName : VOA No. 8
 Sample : 26E0163-01RE1
 Misc : RE1-100X C VIAL
 ALS Vial : 44 Sample Multiplier: 100

Quant Time: May 12 21:49:06 2026
 Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Fri May 08 12:52:12 2026
 Response via : Initial Calibration

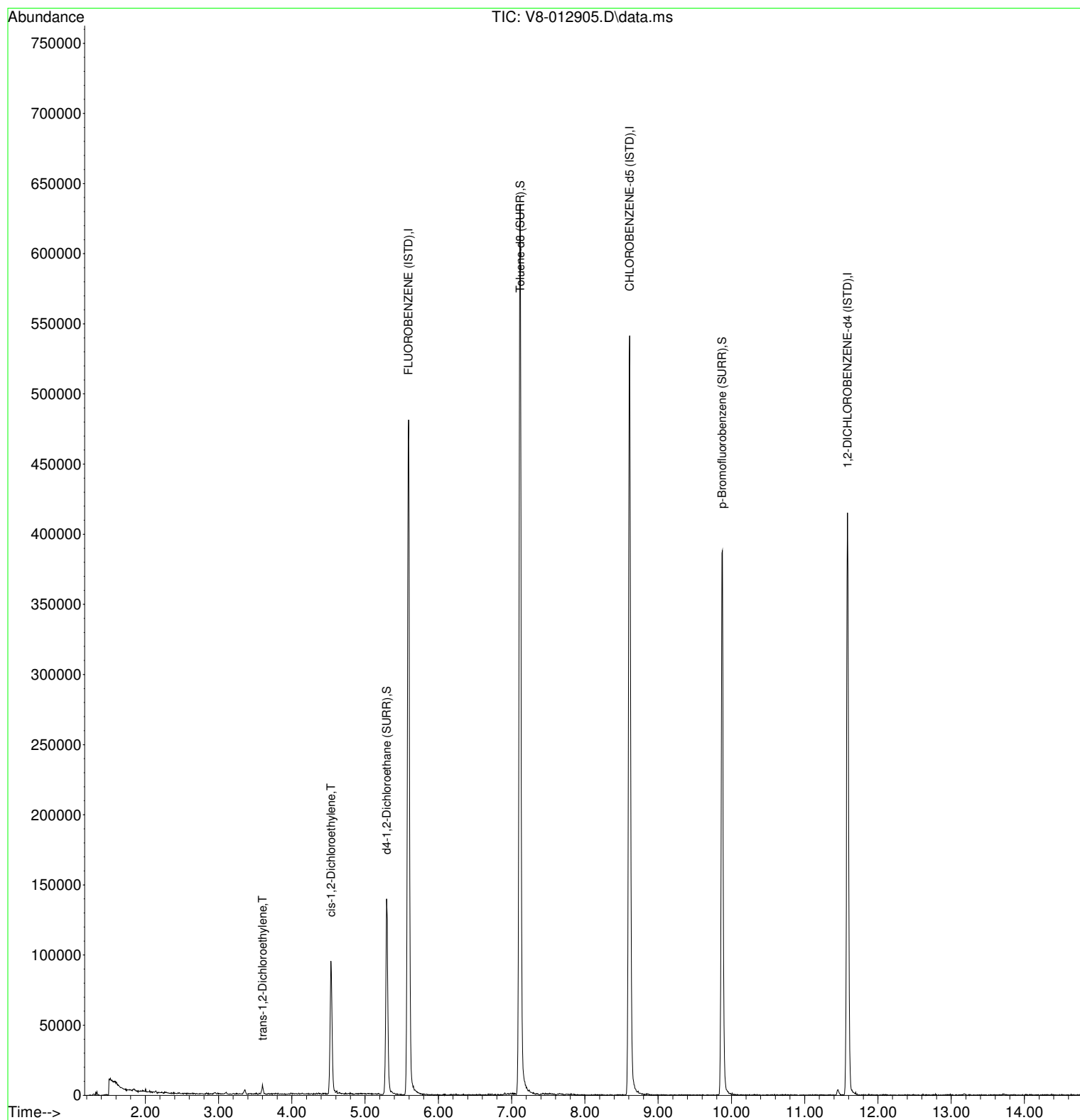
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

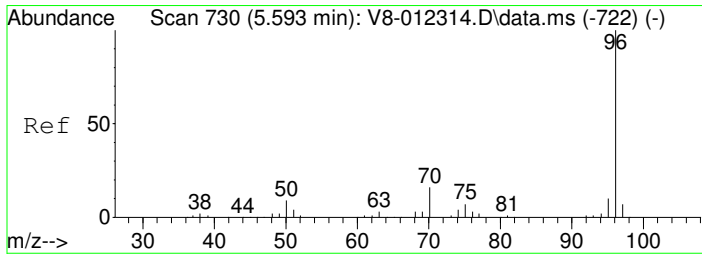
Internal Standards						
1) FLUOROBENZENE (ISTD)	5.593	50	46476	10.00	ppb	0.00
48) CHLOROBENZENE-d5 (ISTD)	8.611	119	117480	10.00	ppb	0.00
80) 1,2-DICHLOROBENZENE-d4...	11.586	152	135374	10.00	ppb	0.00
System Monitoring Compounds						
42) d4-1,2-Dichloroethane ...	5.295	65	103248	9.81	ppb	0.00
Spiked Amount 10.000	Range	69 - 130	Recovery	=	98.10%	
60) Toluene-d8 (SURR)	7.114	98	488436	10.24	ppb	0.00
Spiked Amount 10.000	Range	81 - 117	Recovery	=	102.40%	
82) p-Bromofluorobenzene (...)	9.870	95	156674	10.85	ppb	0.00
Spiked Amount 10.000	Range	79 - 122	Recovery	=	108.50%	
Target Compounds						
26) trans-1,2-Dichloroethy...	3.598	61	2969	0.23	ppb	Qvalue 88
33) cis-1,2-Dichloroethylene	4.535	61	55402	4.00	ppb	96

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

Data Path : C:\msdchem\1\data\V8-05-11-26\
Data File : V8-012905.D
Acq On : 11 May 2026 12:50 pm
Operator : THD
InstName : VOA No. 8
Sample : 26E0163-01RE1
Misc : RE1-100X C VIAL
ALS Vial : 44 Sample Multiplier: 100

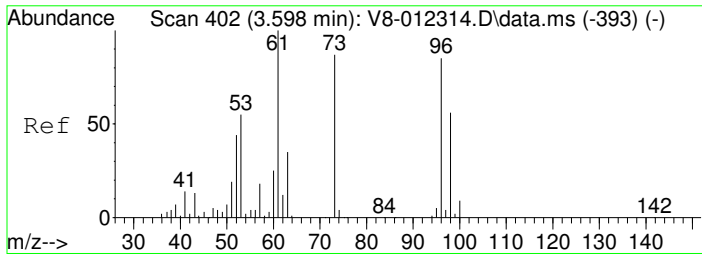
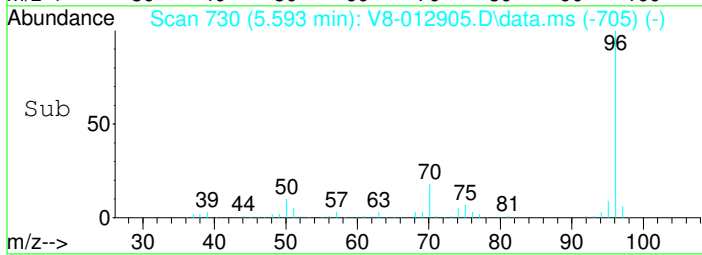
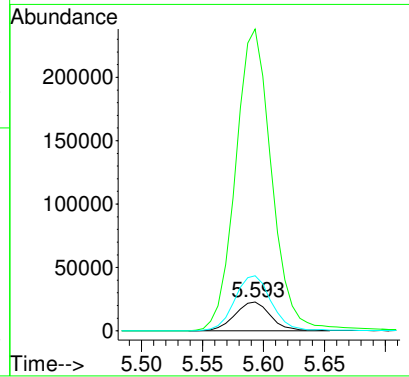
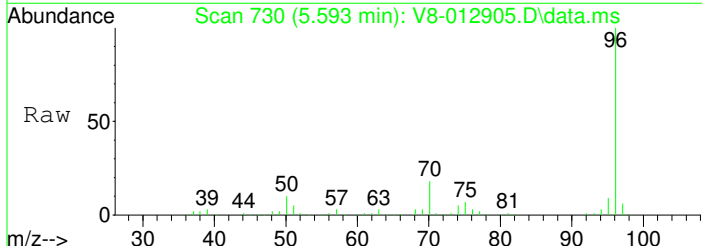
Quant Time: May 12 21:49:06 2026
Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Fri May 08 12:52:12 2026
Response via : Initial Calibration





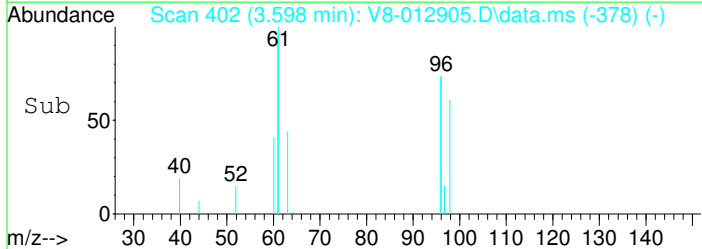
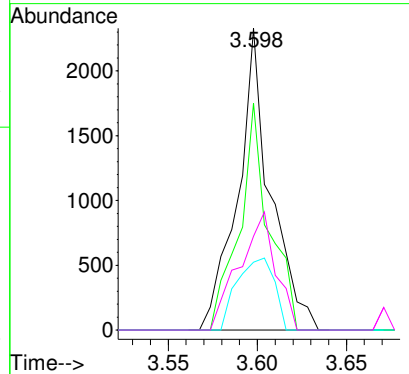
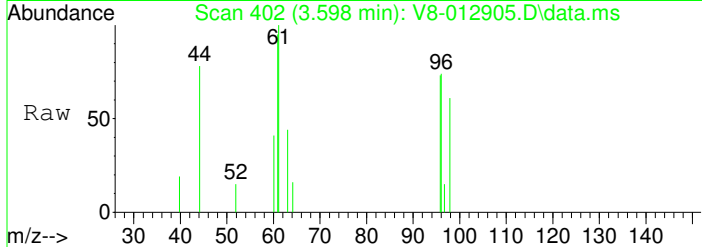
#1
 FLUOROBENZENE (ISTD)
 Concen: 10.00 ppb
 RT: 5.593 min Scan# 730
 Delta R.T. 0.000 min
 Lab File: V8-012905.D
 Acq: 11 May 2026 12:50 pm

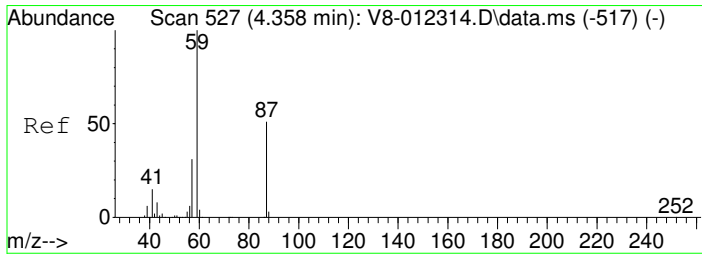
Tgt Ion	50	Resp	46476
Ion Ratio	Lower	Upper	
50	100		
96	1061.2	709.9	1474.3
70	197.9	137.5	285.7



#26
 trans-1,2-Dichloroethylene
 Concen: 0.23 ppb
 RT: 3.598 min Scan# 402
 Delta R.T. -0.006 min
 Lab File: V8-012905.D
 Acq: 11 May 2026 12:50 pm

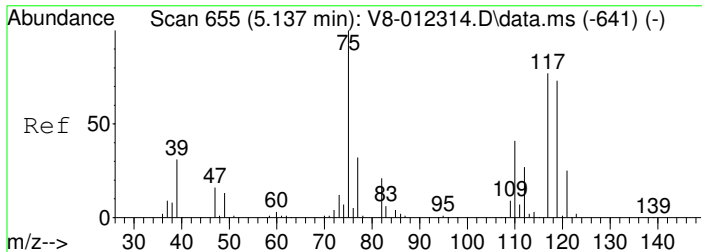
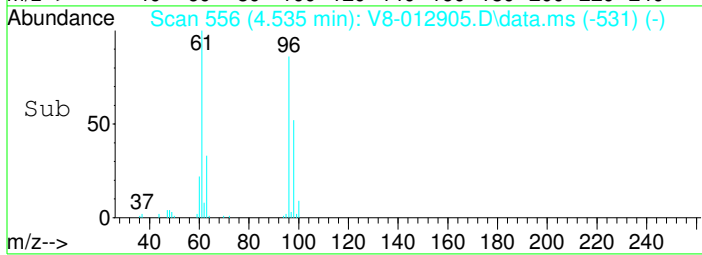
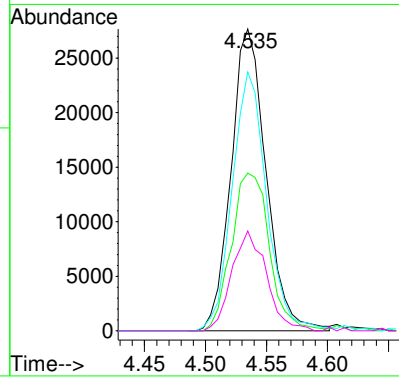
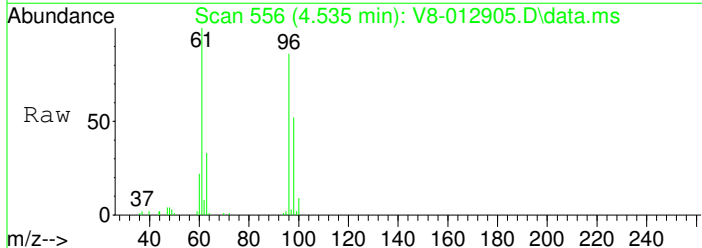
Tgt Ion	61	Resp	2969
Ion Ratio	Lower	Upper	
61	100		
96	68.2	52.7	109.5
63	27.1	20.7	43.1
98	43.8	33.6	69.8





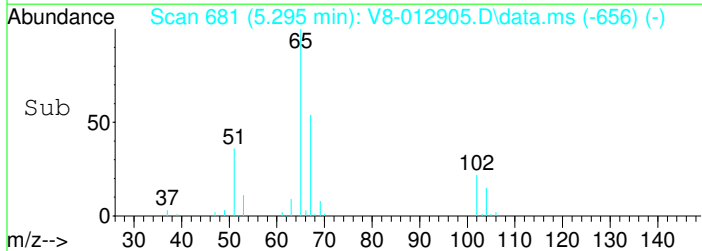
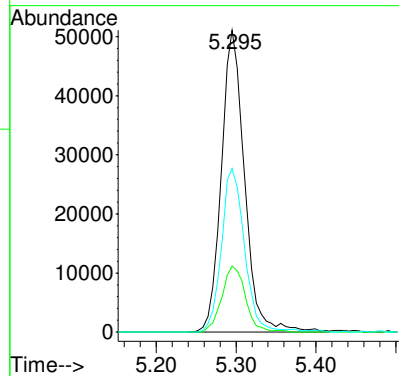
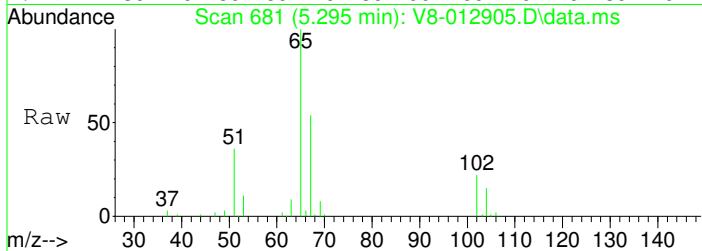
#33
 cis-1,2-Dichloroethylene
 Concen: 4.00 ppb
 RT: 4.535 min Scan# 556
 Delta R.T. -0.000 min
 Lab File: V8-012905.D
 Acq: 11 May 2026 12:50 pm

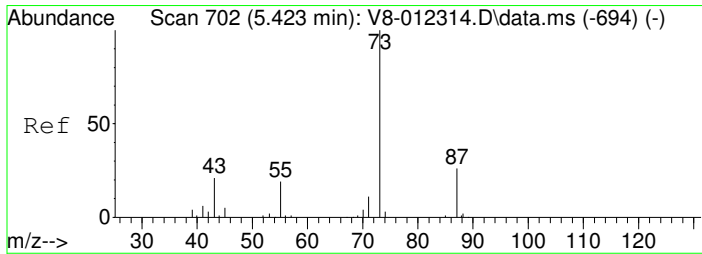
Tgt Ion:	61	Resp:	55402
Ion Ratio		Lower	Upper
61	100		
98	56.6	33.9	70.5
96	84.3	53.0	110.2
63	32.7	21.5	44.7



#42
 d4-1,2-Dichloroethane (SURR)
 Concen: 9.81 ppb
 RT: 5.295 min Scan# 681
 Delta R.T. 0.000 min
 Lab File: V8-012905.D
 Acq: 11 May 2026 12:50 pm

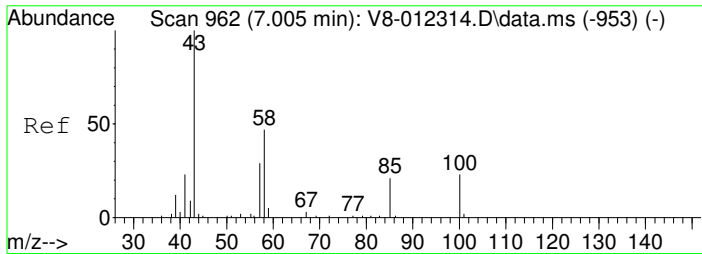
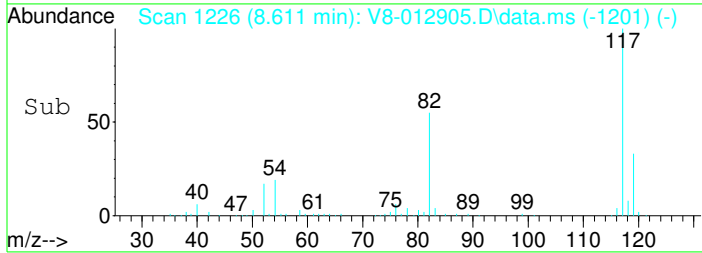
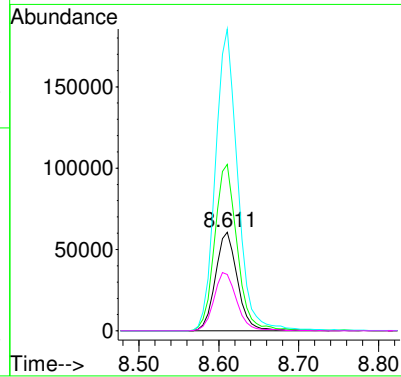
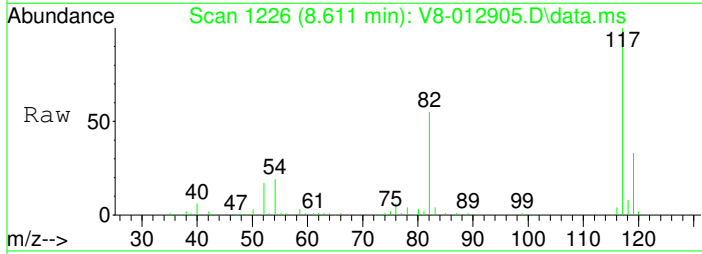
Tgt Ion:	65	Resp:	103248
Ion Ratio		Lower	Upper
65	100		
102	22.2	15.3	31.9
67	53.9	36.3	75.3





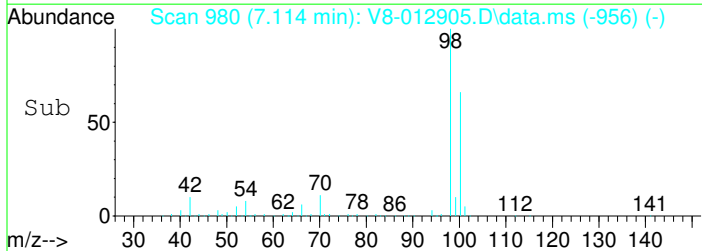
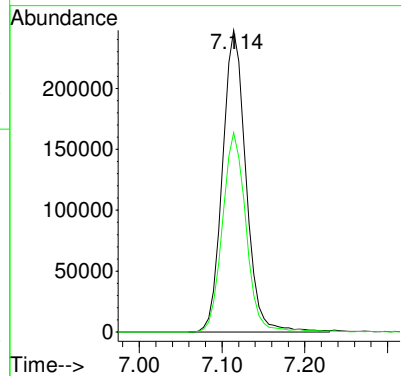
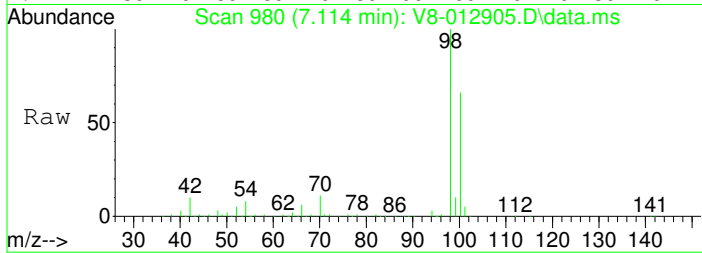
#48
CHLOROBENZENE-d5 (ISTD)
Concen: 10.00 ppb
RT: 8.611 min Scan# 1226
Delta R.T. -0.000 min
Lab File: V8-012905.D
Acq: 11 May 2026 12:50 pm

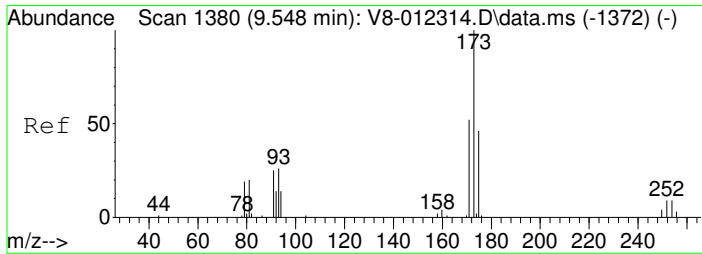
Tgt Ion:	119	Resp:	117480
Ion Ratio	Lower	Upper	
119	100		
82	171.7	112.1	232.7
117	307.2	203.0	421.6
54	61.1	41.7	86.5



#60
Toluene-d8 (SURRE)
Concen: 10.24 ppb
RT: 7.114 min Scan# 980
Delta R.T. -0.006 min
Lab File: V8-012905.D
Acq: 11 May 2026 12:50 pm

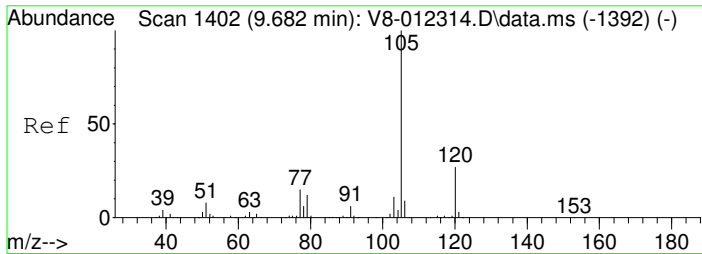
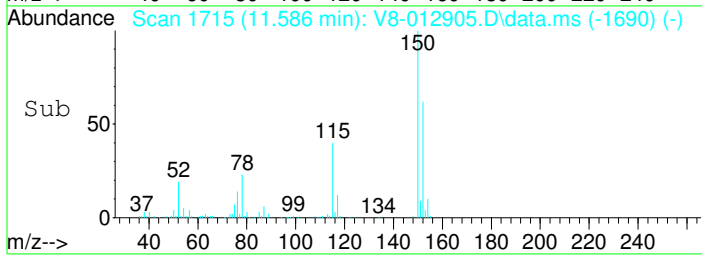
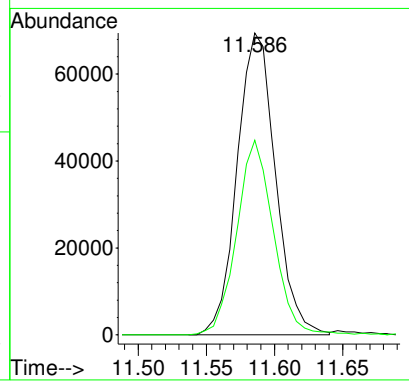
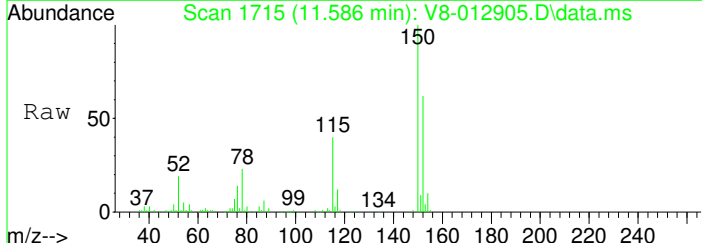
Tgt Ion:	98	Resp:	488436
Ion Ratio	Lower	Upper	
98	100		
100	66.4	43.0	89.4





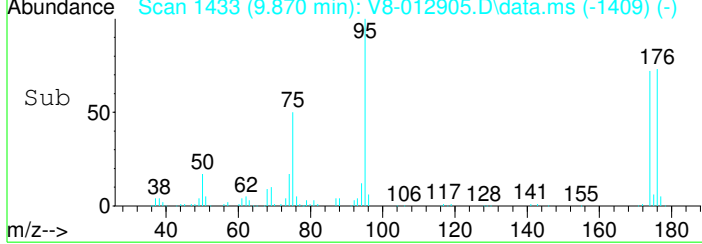
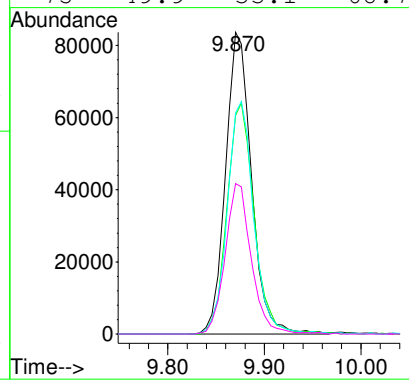
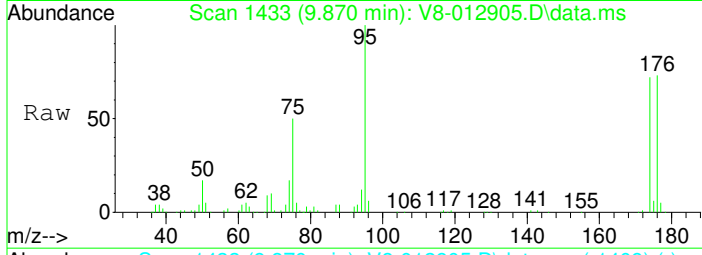
#80
 1,2-DICHLOROBENZENE-d4 (ISTD)
 Concen: 10.00 ppb
 RT: 11.586 min Scan# 1715
 Delta R.T. -0.000 min
 Lab File: V8-012905.D
 Acq: 11 May 2026 12:50 pm

Tgt Ion:	152	Resp:	135374
Ion Ratio	Lower	Upper	
152	100		
115	61.9	40.6	84.4



#82
 p-Bromofluorobenzene (SURRE)
 Concen: 10.85 ppb
 RT: 9.870 min Scan# 1433
 Delta R.T. -0.006 min
 Lab File: V8-012905.D
 Acq: 11 May 2026 12:50 pm

Tgt Ion:	95	Resp:	156674
Ion Ratio	Lower	Upper	
95	100		
174	79.3	54.0	112.2
176	78.8	50.2	104.2
75	49.9	33.1	68.7



Sample Information

Client Sample ID: MW-10 (20260505)			Sample ID: 26E0163-02		
Project (SDG) No.	Client Project ID		Matrix	Collection Date/Time	Date Received
26E0163	230051 - 170 Freeman Street, Brooklyn		Ground Water	May 5, 2026 10:30 am	05/05/2026

Volatile Organic Compounds by GC/MS

Sample Prepared by Method: EPA 5030B			Results Reported to MDL									
CAS No.	Parameter	Result	Lab Qualifier	CLP Flag	Units	RL	MDL	Dilution	Reference Method	Prepared	Analyzed Date	By
630-20-6	1,1,1,2-Tetrachloroethane	ND		U	ug/L	0.500	0.216	1	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
71-55-6	1,1,1-Trichloroethane	ND		U	ug/L	0.500	0.266	1	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
79-34-5	1,1,2,2-Tetrachloroethane	ND		U	ug/L	0.500	0.256	1	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	ug/L	0.500	0.286	1	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
79-00-5	1,1,2-Trichloroethane	ND		U	ug/L	0.500	0.249	1	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
75-34-3	1,1-Dichloroethane	ND		U	ug/L	0.500	0.272	1	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
75-35-4	1,1-Dichloroethylene	ND		U	ug/L	0.500	0.327	1	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
87-61-6	1,2,3-Trichlorobenzene	ND		U	ug/L	0.500	0.222	1	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
96-18-4	1,2,3-Trichloropropane	ND		U	ug/L	0.500	0.273	1	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
120-82-1	1,2,4-Trichlorobenzene	ND		U	ug/L	0.500	0.138	1	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
95-63-6	1,2,4-Trimethylbenzene	ND		U	ug/L	0.500	0.310	1	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
96-12-8	1,2-Dibromo-3-chloropropane	ND		U	ug/L	0.500	0.432	1	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
106-93-4	1,2-Dibromoethane	ND		U	ug/L	0.500	0.215	1	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
95-50-1	1,2-Dichlorobenzene	ND		U	ug/L	0.500	0.270	1	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
107-06-2	1,2-Dichloroethane	ND		U	ug/L	0.500	0.377	1	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
78-87-5	1,2-Dichloropropane	ND		U	ug/L	0.500	0.327	1	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
108-67-8	1,3,5-Trimethylbenzene	ND		U	ug/L	0.500	0.347	1	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
541-73-1	1,3-Dichlorobenzene	ND		U	ug/L	0.500	0.283	1	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
106-46-7	1,4-Dichlorobenzene	ND		U	ug/L	0.500	0.311	1	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
78-93-3	2-Butanone	ND		U	ug/L	0.500	0.421	1	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
591-78-6	2-Hexanone	ND		U	ug/L	0.500	0.320	1	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
108-10-1	4-Methyl-2-pentanone	ND		U	ug/L	0.500	0.365	1	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
67-64-1	Acetone	ND		U	ug/L	2.00	1.34	1	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
107-02-8	Acrolein	ND		U	ug/L	0.500	0.447	1	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
107-13-1	Acrylonitrile	ND		U	ug/L	0.500	0.422	1	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
71-43-2	Benzene	ND		U	ug/L	0.500	0.279	1	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
74-97-5	Bromochloromethane	ND		U	ug/L	0.500	0.354	1	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
75-27-4	Bromodichloromethane	1.54			ug/L	0.500	0.245	1	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
75-25-2	Bromoform	ND		U	ug/L	0.500	0.163	1	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
74-83-9	Bromomethane	ND		U	ug/L	2.00	0.500	1	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
75-15-0	Carbon disulfide	ND		U	ug/L	0.500	0.362	1	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
56-23-5	Carbon tetrachloride	ND		U	ug/L	0.500	0.204	1	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
108-90-7	Chlorobenzene	ND		U	ug/L	0.500	0.284	1	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
75-00-3	Chloroethane	ND		U	ug/L	0.500	0.448	1	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
67-66-3	Chloroform	17.0			ug/L	0.500	0.243	1	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD

Sample Information

Client Sample ID: MW-10 (20260505)			Sample ID: 26E0163-02		
Project (SDG) No.		Client Project ID		Matrix	Collection Date/Time
26E0163		230051 - 170 Freeman Street, Brooklyn		Ground Water	May 5, 2026 10:30 am
			Date Received		
			05/05/2026		

Volatile Organic Compounds by GC/MS

Sample Prepared by Method: EPA 5030B			Results Reported to MDL									
CAS No.	Parameter	Result	Lab Qualifier	CLP Flag	Units	RL	MDL	Dilution	Reference Method	Prepared	Analyzed Date	By
74-87-3	Chloromethane	ND		U	ug/L	0.500	0.372	1	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
156-59-2	cis-1,2-Dichloroethylene	ND		U	ug/L	0.500	0.294	1	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
10061-01-5	cis-1,3-Dichloropropylene	ND		U	ug/L	0.500	0.262	1	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
110-82-7	Cyclohexane	ND		U	ug/L	0.500	0.491	1	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
124-48-1	Dibromochloromethane	ND		U	ug/L	0.500	0.146	1	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
74-95-3	Dibromomethane	ND		U	ug/L	0.500	0.203	1	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
75-71-8	Dichlorodifluoromethane	ND		U	ug/L	0.500	0.451	1	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
100-41-4	Ethyl Benzene	ND		U	ug/L	0.500	0.290	1	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
87-68-3	Hexachlorobutadiene	ND		U	ug/L	0.500	0.241	1	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
98-82-8	Isopropylbenzene	ND		U	ug/L	0.500	0.405	1	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
79-20-9	Methyl acetate	ND		U	ug/L	0.500	0.442	1	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		U	ug/L	0.500	0.244	1	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
108-87-2	Methylcyclohexane	ND		U	ug/L	0.500	0.477	1	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
75-09-2	Methylene chloride	ND		U	ug/L	2.00	0.397	1	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
104-51-8	n-Butylbenzene	ND		U	ug/L	0.500	0.399	1	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
103-65-1	n-Propylbenzene	ND		U	ug/L	0.500	0.384	1	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
95-47-6	o-Xylene	ND		U	ug/L	0.500	0.261	1	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
179601-23-1	p- & m- Xylenes	ND		U	ug/L	1.00	0.578	1	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
99-87-6	p-Isopropyltoluene	ND		U	ug/L	0.500	0.377	1	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
135-98-8	sec-Butylbenzene	ND		U	ug/L	0.500	0.444	1	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
100-42-5	Styrene	ND		U	ug/L	0.500	0.255	1	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
75-65-0	tert-Butyl alcohol (TBA)	ND		U	ug/L	1.00	0.608	1	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
98-06-6	tert-Butylbenzene	ND		U	ug/L	0.500	0.367	1	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
127-18-4	Tetrachloroethylene	ND	QL-02	U	ug/L	0.500	0.239	1	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
108-88-3	Toluene	ND		U	ug/L	0.500	0.346	1	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
156-60-5	trans-1,2-Dichloroethylene	ND		U	ug/L	0.500	0.279	1	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
10061-02-6	trans-1,3-Dichloropropylene	ND		U	ug/L	0.500	0.229	1	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
110-57-6	trans-1,4-dichloro-2-butene	ND	CCVE	U	ug/L	0.500	0.283	1	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
79-01-6	Trichloroethylene	ND		U	ug/L	0.500	0.249	1	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
75-69-4	Trichlorofluoromethane	ND		U	ug/L	0.500	0.337	1	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
75-01-4	Vinyl Chloride	ND		U	ug/L	0.500	0.469	1	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
1330-20-7	Xylenes, Total	ND		U	ug/L	1.50	0.839	1	EPA 8260D	5/9/26 7:00	5/ 9/26 18:46	THD
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	97.9 %				69-130						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	102 %				79-122						
2037-26-5	Surrogate: SURR: Toluene-d8	102 %				81-117						

Data Path : C:\msdchem\1\data\V8-05-09-26\
 Data File : V8-012859.D
 Acq On : 9 May 2026 6:46 pm
 Operator : THD
 InstName : VOA No. 8
 Sample : 26E0163-02 A
 Misc :
 ALS Vial : 98 Sample Multiplier: 1

Quant Time: May 11 11:44:29 2026
 Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Fri May 08 12:52:12 2026
 Response via : Initial Calibration

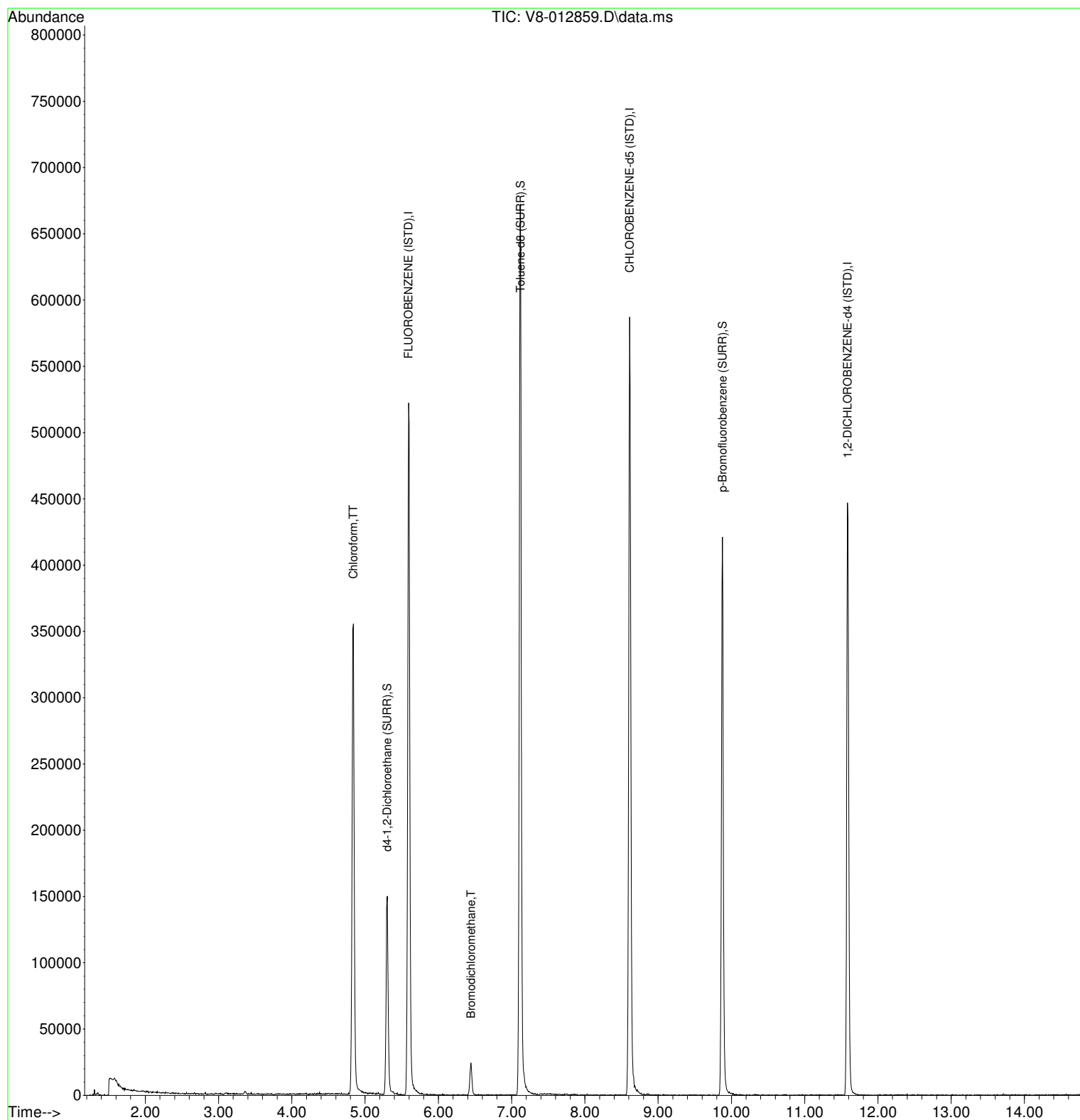
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

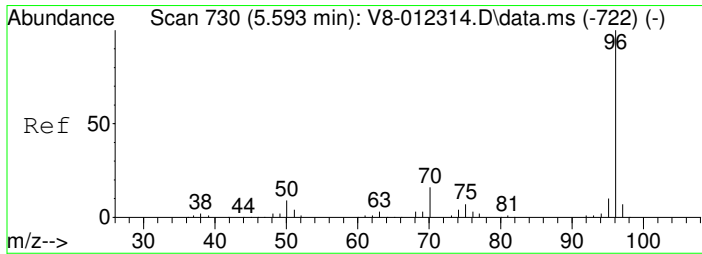
Internal Standards						
1) FLUOROBENZENE (ISTD)	5.593	50	50181	10.00	ppb	0.00
48) CHLOROBENZENE-d5 (ISTD)	8.611	119	128187	10.00	ppb	0.00
80) 1,2-DICHLOROBENZENE-d4...	11.586	152	149554	10.00	ppb	0.00
System Monitoring Compounds						
42) d4-1,2-Dichloroethane ...	5.301	65	111161	9.79	ppb	0.00
Spiked Amount 10.000	Range	69 - 130	Recovery	=	97.90%	
60) Toluene-d8 (SURR)	7.120	98	529488	10.17	ppb	0.00
Spiked Amount 10.000	Range	81 - 117	Recovery	=	101.70%	
82) p-Bromofluorobenzene (...)	9.876	95	162896	10.21	ppb	0.00
Spiked Amount 10.000	Range	79 - 122	Recovery	=	102.10%	
Target Compounds						
38) Chloroform	4.839	83	325494	17.05	ppb	99
53) Bromodichloromethane	6.445	83	17718	1.54	ppb	99

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

Data Path : C:\msdchem\1\data\V8-05-09-26\
Data File : V8-012859.D
Acq On : 9 May 2026 6:46 pm
Operator : THD
InstName : VOA No. 8
Sample : 26E0163-02 A
Misc :
ALS Vial : 98 Sample Multiplier: 1

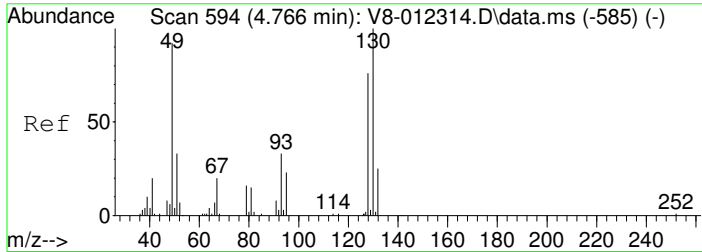
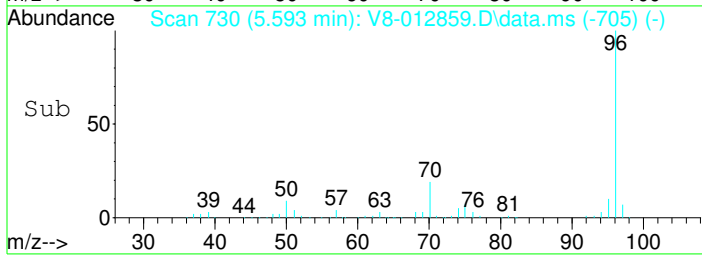
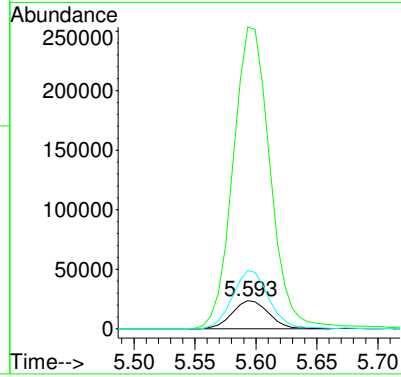
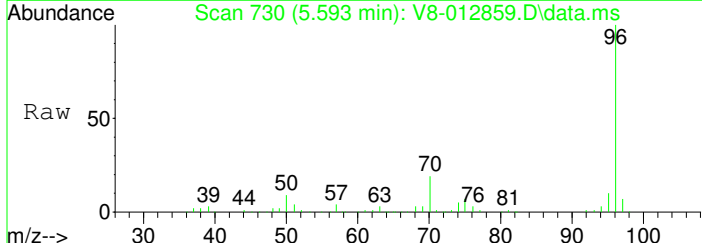
Quant Time: May 11 11:44:29 2026
Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Fri May 08 12:52:12 2026
Response via : Initial Calibration





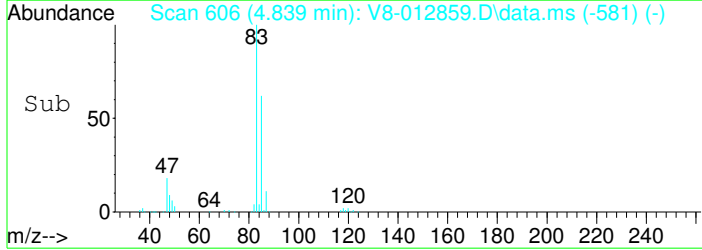
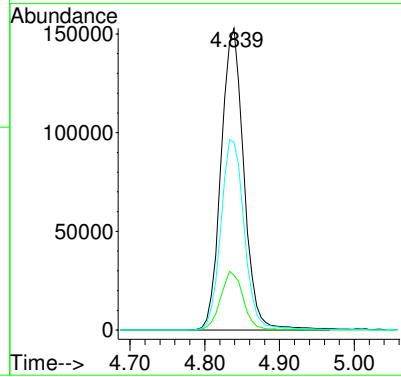
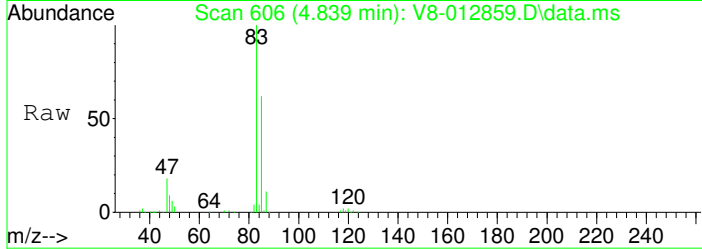
#1
 FLUOROBENZENE (ISTD)
 Concen: 10.00 ppb
 RT: 5.593 min Scan# 730
 Delta R.T. 0.000 min
 Lab File: V8-012859.D
 Acq: 9 May 2026 6:46 pm

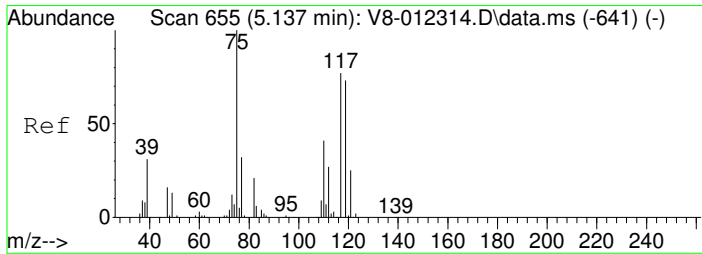
Tgt Ion:	50	Resp:	50181
Ion Ratio	Lower	Upper	
50	100		
96	1078.1	709.9	1474.3
70	203.3	137.5	285.7



#38
 Chloroform
 Concen: 17.05 ppb
 RT: 4.839 min Scan# 606
 Delta R.T. -0.000 min
 Lab File: V8-012859.D
 Acq: 9 May 2026 6:46 pm

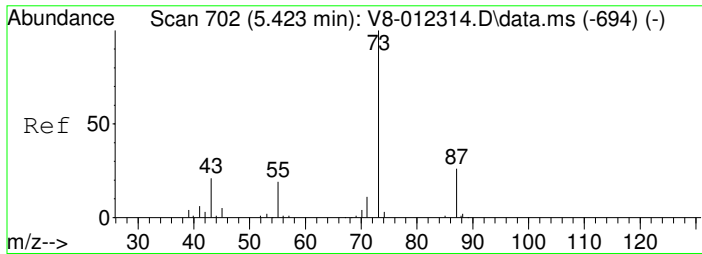
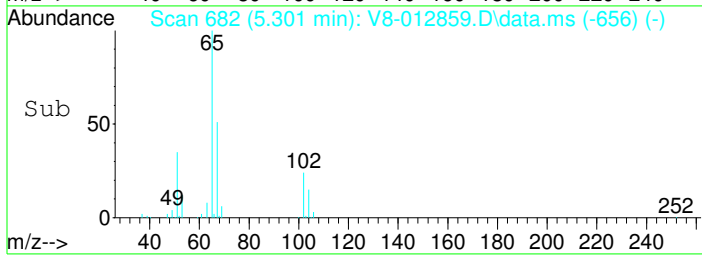
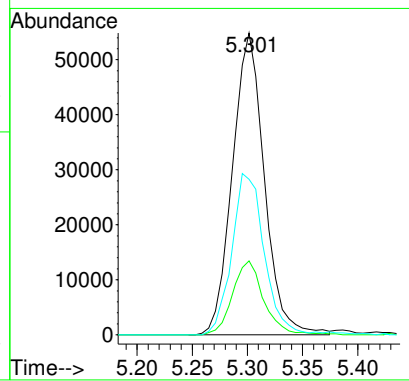
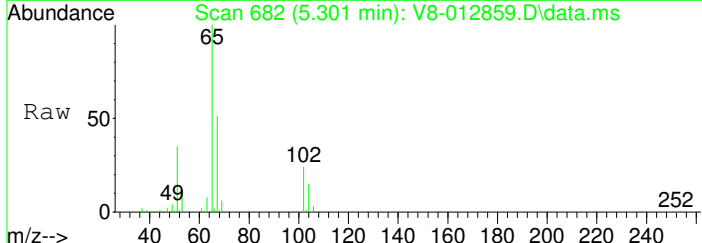
Tgt Ion:	83	Resp:	325494
Ion Ratio	Lower	Upper	
83	100		
47	19.2	11.7	24.3
85	65.1	42.9	89.1





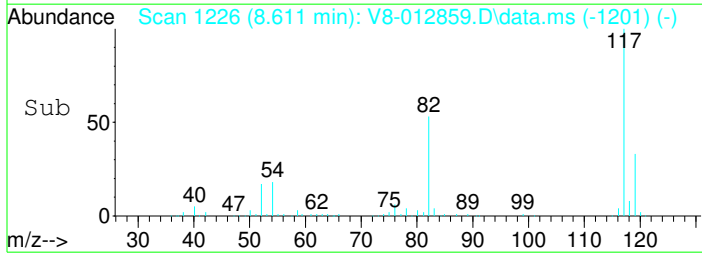
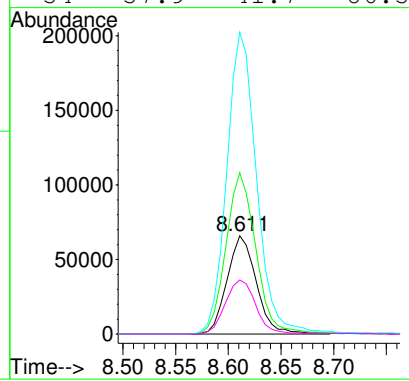
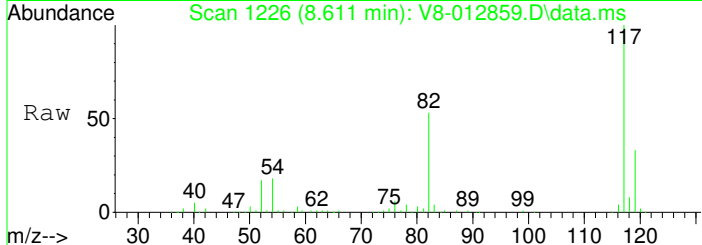
#42
 d4-1,2-Dichloroethane (SURR)
 Concen: 9.79 ppb
 RT: 5.301 min Scan# 682
 Delta R.T. 0.006 min
 Lab File: V8-012859.D
 Acq: 9 May 2026 6:46 pm

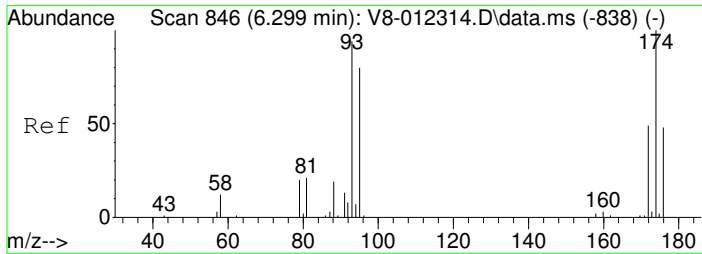
Tgt Ion:	65	Resp:	111161
Ion Ratio	Lower	Upper	
65	100		
102	24.0	15.3	31.9
67	53.8	36.3	75.3



#48
 CHLOROBENZENE-d5 (ISTD)
 Concen: 10.00 ppb
 RT: 8.611 min Scan# 1226
 Delta R.T. -0.000 min
 Lab File: V8-012859.D
 Acq: 9 May 2026 6:46 pm

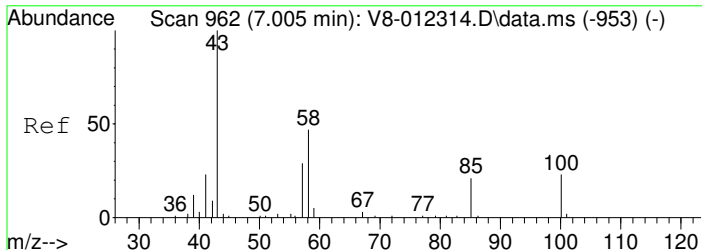
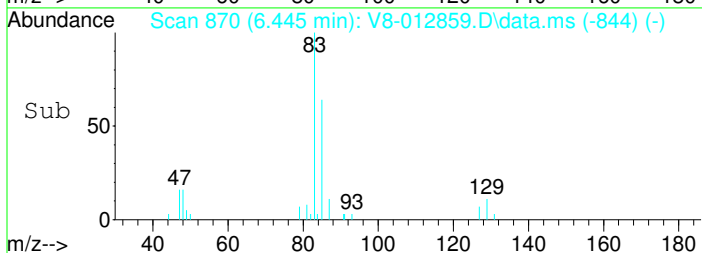
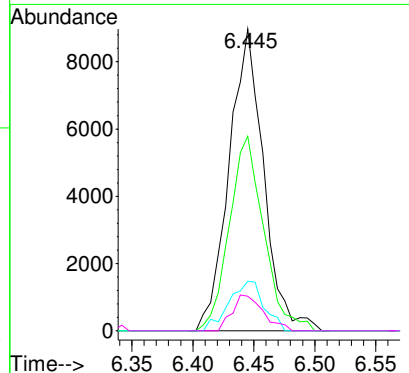
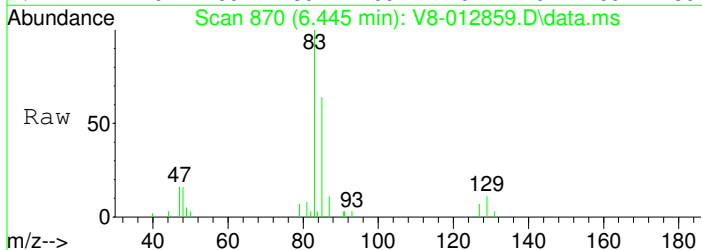
Tgt Ion:	119	Resp:	128187
Ion Ratio	Lower	Upper	
119	100		
82	167.2	112.1	232.7
117	313.2	203.0	421.6
54	57.9	41.7	86.5





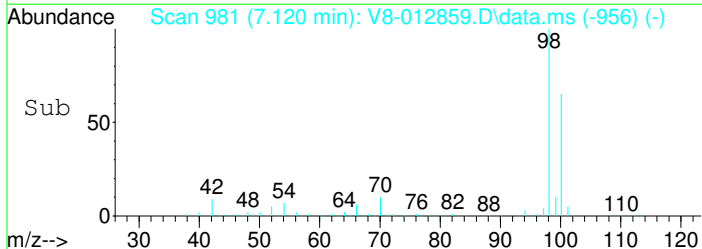
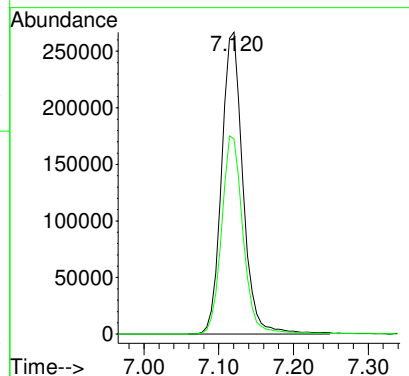
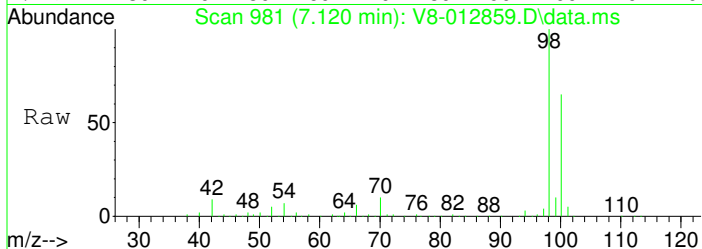
#53
 Bromodichloromethane
 Concen: 1.54 ppb
 RT: 6.445 min Scan# 870
 Delta R.T. 0.006 min
 Lab File: V8-012859.D
 Acq: 9 May 2026 6:46 pm

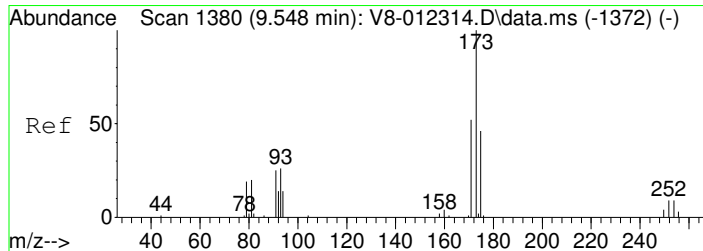
Tgt Ion:	83	Resp:	17718
Ion Ratio		Lower	Upper
83	100		
85	64.2	41.2	85.6
47	16.7	10.7	22.1
87	10.6	6.7	13.9



#60
 Toluene-d8 (SURR)
 Concen: 10.17 ppb
 RT: 7.120 min Scan# 981
 Delta R.T. 0.000 min
 Lab File: V8-012859.D
 Acq: 9 May 2026 6:46 pm

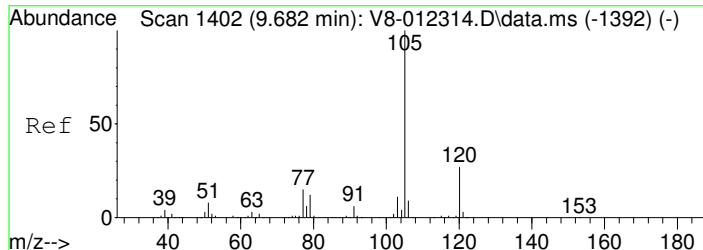
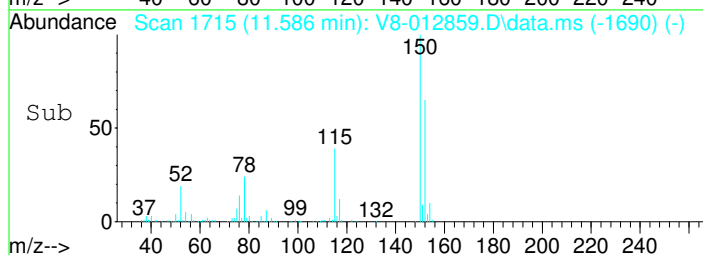
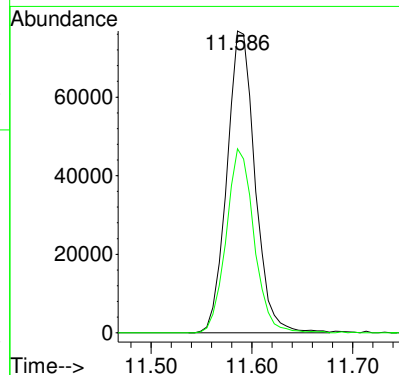
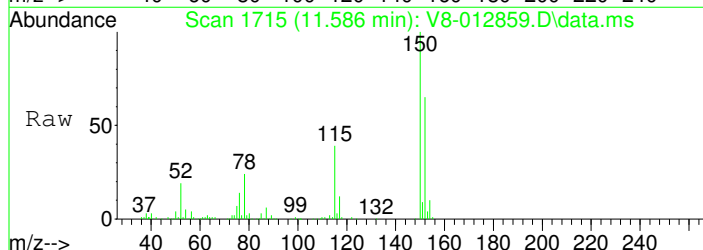
Tgt Ion:	98	Resp:	529488
Ion Ratio		Lower	Upper
98	100		
100	65.9	43.0	89.4





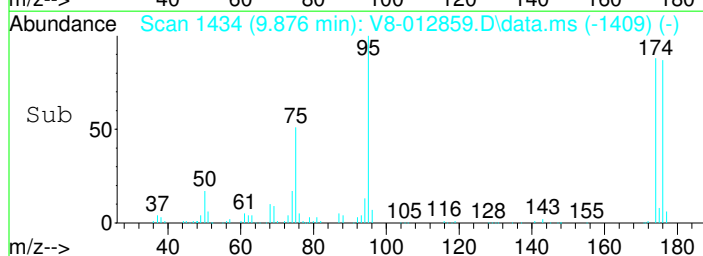
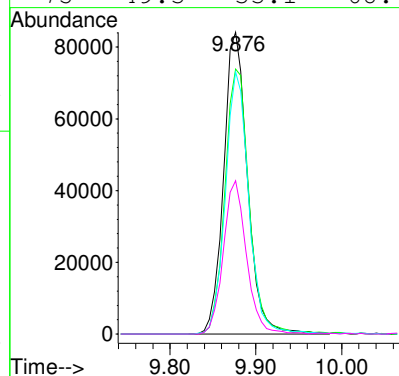
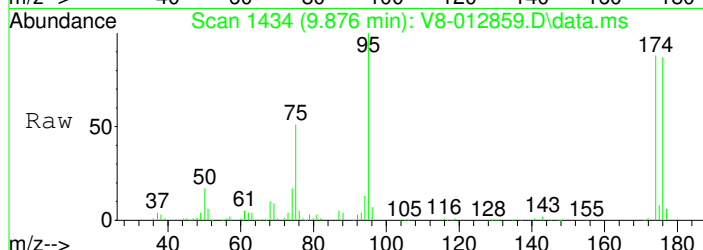
#80
1,2-DICHLOROBENZENE-d4 (ISTD)
Concen: 10.00 ppb
RT: 11.586 min Scan# 1715
Delta R.T. -0.000 min
Lab File: V8-012859.D
Acq: 9 May 2026 6:46 pm

Tgt Ion: 152 Resp: 149554
Ion Ratio Lower Upper
152 100
115 60.6 40.6 84.4



#82
p-Bromofluorobenzene (SURRE)
Concen: 10.21 ppb
RT: 9.876 min Scan# 1434
Delta R.T. 0.000 min
Lab File: V8-012859.D
Acq: 9 May 2026 6:46 pm

Tgt Ion: 95 Resp: 162896
Ion Ratio Lower Upper
95 100
174 88.8 54.0 112.2
176 85.3 50.2 104.2
75 49.3 33.1 68.7



Sample Information

Client Sample ID: MW-11R (20260505)

Sample ID: 26E0163-03

Project (SDG) No.
26E0163

Client Project ID
230051 - 170 Freeman Street, Brooklyn

Matrix
Ground Water

Collection Date/Time
May 5, 2026 10:20 am

Date Received
05/05/2026

Volatile Organic Compounds by GC/MS

Sample Prepared by Method: EPA 5030B

Results Reported to MDL

CAS No.	Parameter	Result	Lab Qualifier	CLP Flag	Units	RL	MDL	Dilution	Reference Method	Prepared	Analyzed Date	By
630-20-6	1,1,1,2-Tetrachloroethane	ND		U	ug/L	0.500	0.216	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
71-55-6	1,1,1-Trichloroethane	ND		U	ug/L	0.500	0.266	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
79-34-5	1,1,2,2-Tetrachloroethane	ND		U	ug/L	0.500	0.256	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	ug/L	0.500	0.286	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
79-00-5	1,1,2-Trichloroethane	ND		U	ug/L	0.500	0.249	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
75-34-3	1,1-Dichloroethane	ND		U	ug/L	0.500	0.272	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
75-35-4	1,1-Dichloroethylene	ND		U	ug/L	0.500	0.327	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
87-61-6	1,2,3-Trichlorobenzene	ND		U	ug/L	0.500	0.222	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
96-18-4	1,2,3-Trichloropropane	ND		U	ug/L	0.500	0.273	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
120-82-1	1,2,4-Trichlorobenzene	ND		U	ug/L	0.500	0.138	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
95-63-6	1,2,4-Trimethylbenzene	ND		U	ug/L	0.500	0.310	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
96-12-8	1,2-Dibromo-3-chloropropane	ND		U	ug/L	0.500	0.432	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
106-93-4	1,2-Dibromoethane	ND		U	ug/L	0.500	0.215	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
95-50-1	1,2-Dichlorobenzene	ND		U	ug/L	0.500	0.270	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
107-06-2	1,2-Dichloroethane	ND		U	ug/L	0.500	0.377	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
78-87-5	1,2-Dichloropropane	ND		U	ug/L	0.500	0.327	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
108-67-8	1,3,5-Trimethylbenzene	ND		U	ug/L	0.500	0.347	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
541-73-1	1,3-Dichlorobenzene	ND		U	ug/L	0.500	0.283	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
106-46-7	1,4-Dichlorobenzene	ND		U	ug/L	0.500	0.311	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
78-93-3	2-Butanone	ND		U	ug/L	0.500	0.421	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
591-78-6	2-Hexanone	ND		U	ug/L	0.500	0.320	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
108-10-1	4-Methyl-2-pentanone	ND		U	ug/L	0.500	0.365	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
67-64-1	Acetone	1.65	J	J	ug/L	2.00	1.34	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
107-02-8	Acrolein	ND		U	ug/L	0.500	0.447	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
107-13-1	Acrylonitrile	ND		U	ug/L	0.500	0.422	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
71-43-2	Benzene	ND		U	ug/L	0.500	0.279	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
74-97-5	Bromochloromethane	ND		U	ug/L	0.500	0.354	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
75-27-4	Bromodichloromethane	ND		U	ug/L	0.500	0.245	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
75-25-2	Bromoform	ND		U	ug/L	0.500	0.163	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
74-83-9	Bromomethane	ND		U	ug/L	2.00	0.500	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
75-15-0	Carbon disulfide	ND		U	ug/L	0.500	0.362	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
56-23-5	Carbon tetrachloride	ND		U	ug/L	0.500	0.204	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
108-90-7	Chlorobenzene	ND		U	ug/L	0.500	0.284	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
75-00-3	Chloroethane	ND		U	ug/L	0.500	0.448	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
67-66-3	Chloroform	ND		U	ug/L	0.500	0.243	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD

Sample Information

Client Sample ID: MW-11R (20260505)			Sample ID: 26E0163-03		
Project (SDG) No.		Client Project ID		Matrix	Collection Date/Time
26E0163		230051 - 170 Freeman Street, Brooklyn		Ground Water	May 5, 2026 10:20 am
			Date Received		
			05/05/2026		

Volatile Organic Compounds by GC/MS

Sample Prepared by Method: EPA 5030B

Results Reported to MDL

CAS No.	Parameter	Result	Lab Qualifier	CLP Flag	Units	RL	MDL	Dilution	Reference Method	Prepared	Analyzed Date	By
74-87-3	Chloromethane	ND		U	ug/L	0.500	0.372	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
156-59-2	cis-1,2-Dichloroethylene	4.95			ug/L	0.500	0.294	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
10061-01-5	cis-1,3-Dichloropropylene	ND		U	ug/L	0.500	0.262	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
110-82-7	Cyclohexane	ND		U	ug/L	0.500	0.491	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
124-48-1	Dibromochloromethane	ND		U	ug/L	0.500	0.146	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
74-95-3	Dibromomethane	ND		U	ug/L	0.500	0.203	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
75-71-8	Dichlorodifluoromethane	ND		U	ug/L	0.500	0.451	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
100-41-4	Ethyl Benzene	ND		U	ug/L	0.500	0.290	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
87-68-3	Hexachlorobutadiene	ND		U	ug/L	0.500	0.241	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
98-82-8	Isopropylbenzene	ND		U	ug/L	0.500	0.405	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
79-20-9	Methyl acetate	ND		U	ug/L	0.500	0.442	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		U	ug/L	0.500	0.244	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
108-87-2	Methylcyclohexane	ND		U	ug/L	0.500	0.477	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
75-09-2	Methylene chloride	ND		U	ug/L	2.00	0.397	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
104-51-8	n-Butylbenzene	ND		U	ug/L	0.500	0.399	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
103-65-1	n-Propylbenzene	ND		U	ug/L	0.500	0.384	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
95-47-6	o-Xylene	ND		U	ug/L	0.500	0.261	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
179601-23-1	p- & m- Xylenes	ND		U	ug/L	1.00	0.578	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
99-87-6	p-Isopropyltoluene	ND		U	ug/L	0.500	0.377	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
135-98-8	sec-Butylbenzene	ND		U	ug/L	0.500	0.444	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
100-42-5	Styrene	ND		U	ug/L	0.500	0.255	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
75-65-0	tert-Butyl alcohol (TBA)	ND		U	ug/L	1.00	0.608	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
98-06-6	tert-Butylbenzene	ND		U	ug/L	0.500	0.367	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
127-18-4	Tetrachloroethylene	ND	QL-02	U	ug/L	0.500	0.239	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
108-88-3	Toluene	ND		U	ug/L	0.500	0.346	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
156-60-5	trans-1,2-Dichloroethylene	ND		U	ug/L	0.500	0.279	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
10061-02-6	trans-1,3-Dichloropropylene	ND		U	ug/L	0.500	0.229	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
110-57-6	trans-1,4-dichloro-2-butene	ND	CCVE	U	ug/L	0.500	0.283	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
79-01-6	Trichloroethylene	ND		U	ug/L	0.500	0.249	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
75-69-4	Trichlorofluoromethane	ND		U	ug/L	0.500	0.337	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
75-01-4	Vinyl Chloride	ND		U	ug/L	0.500	0.469	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
1330-20-7	Xylenes, Total	ND		U	ug/L	1.50	0.839	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:18	THD
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	104 %				69-130						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	104 %				79-122						
2037-26-5	Surrogate: SURR: Toluene-d8	102 %				81-117						

Data Path : C:\msdchem\1\data\V8-05-09-26\
 Data File : V8-012860.D
 Acq On : 9 May 2026 7:18 pm
 Operator : THD
 InstName : VOA No. 8
 Sample : 26E0163-03 A
 Misc :
 ALS Vial : 99 Sample Multiplier: 1

Quant Time: May 11 11:45:52 2026
 Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Fri May 08 12:52:12 2026
 Response via : Initial Calibration

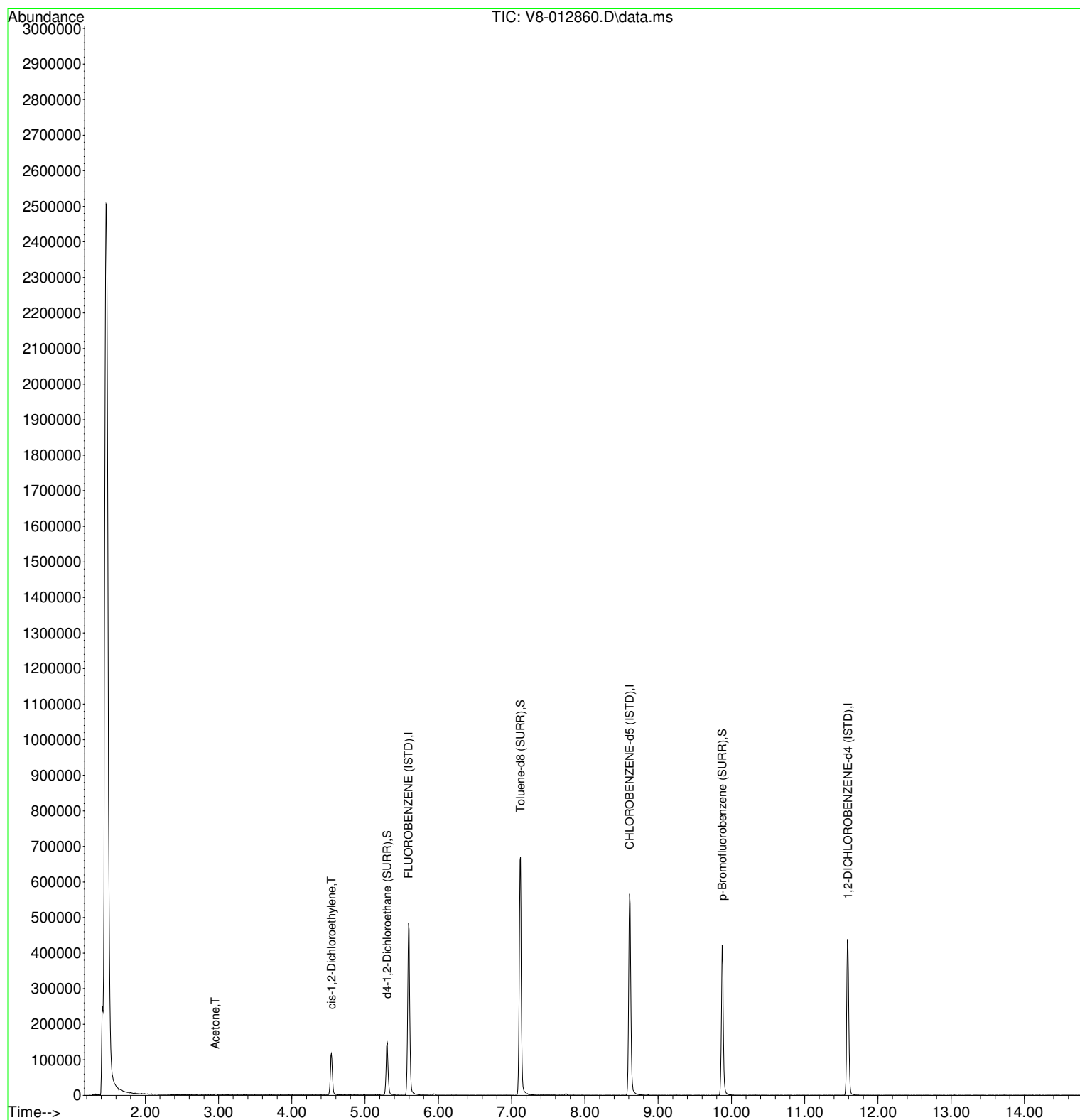
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

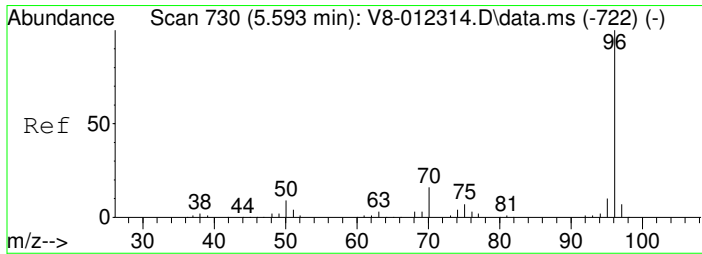
Internal Standards						
1) FLUOROBENZENE (ISTD)	5.593	50	46322	10.00	ppb	0.00
48) CHLOROBENZENE-d5 (ISTD)	8.611	119	127109	10.00	ppb	0.00
80) 1,2-DICHLOROBENZENE-d4...	11.592	152	148007	10.00	ppb	0.00
System Monitoring Compounds						
42) d4-1,2-Dichloroethane ...	5.301	65	108790	10.37	ppb	0.00
Spiked Amount 10.000	Range	69 - 130	Recovery	=	103.70%	
60) Toluene-d8 (SURR)	7.120	98	528362	10.24	ppb	0.00
Spiked Amount 10.000	Range	81 - 117	Recovery	=	102.40%	
82) p-Bromofluorobenzene (...)	9.876	95	164717	10.43	ppb	0.00
Spiked Amount 10.000	Range	79 - 122	Recovery	=	104.30%	
Target Compounds						
3) Freon 152a	1.464	65	2311143	Below Cal	Qvalue #	1
18) Acetone	2.953	58	987	1.65	ppb	61
33) cis-1,2-Dichloroethylene	4.541	61	68435	4.95	ppb	95

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

Data Path : C:\msdchem\1\data\V8-05-09-26\
Data File : V8-012860.D
Acq On : 9 May 2026 7:18 pm
Operator : THD
InstName : VOA No. 8
Sample : 26E0163-03 A
Misc :
ALS Vial : 99 Sample Multiplier: 1

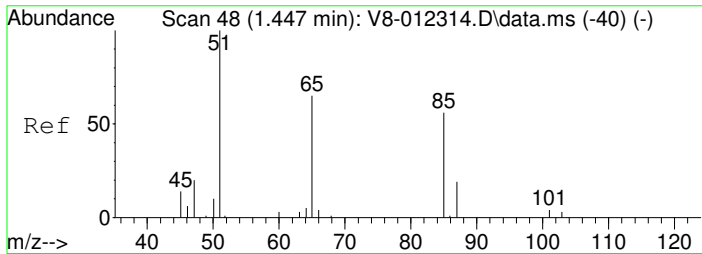
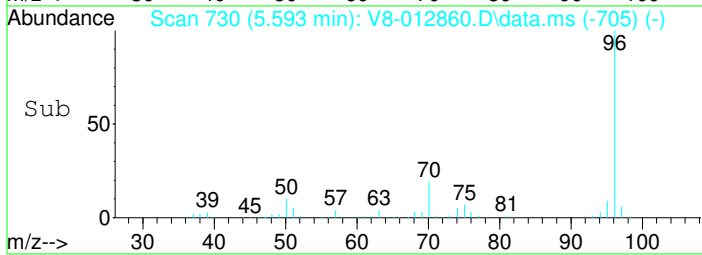
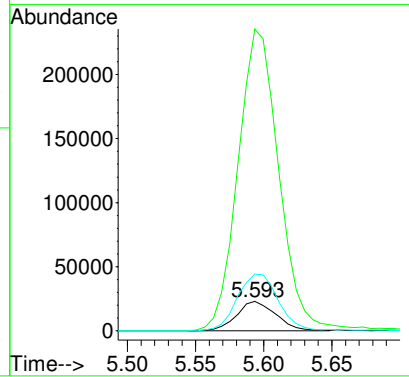
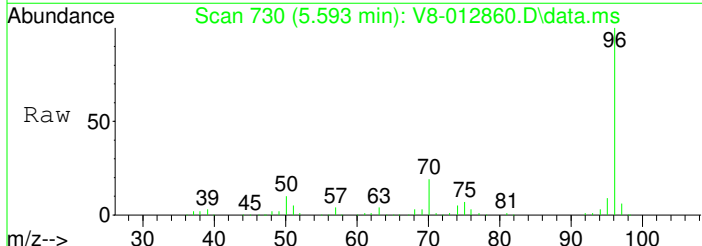
Quant Time: May 11 11:45:52 2026
Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Fri May 08 12:52:12 2026
Response via : Initial Calibration





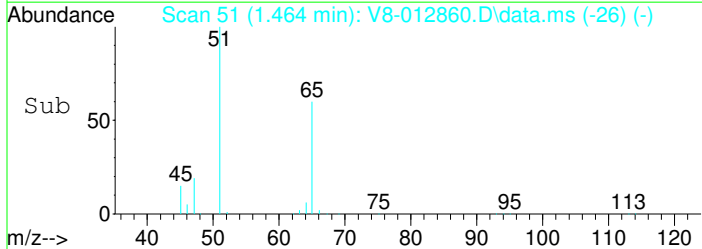
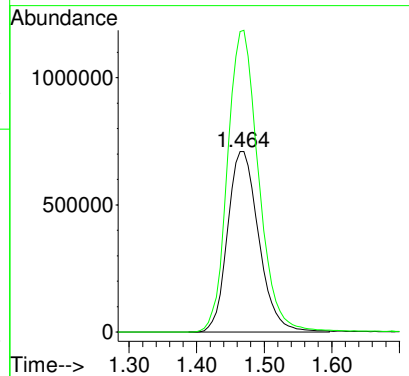
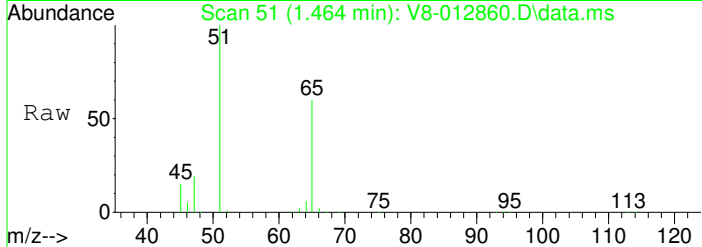
#1
 FLUOROBENZENE (ISTD)
 Concen: 10.00 ppb
 RT: 5.593 min Scan# 730
 Delta R.T. 0.000 min
 Lab File: V8-012860.D
 Acq: 9 May 2026 7:18 pm

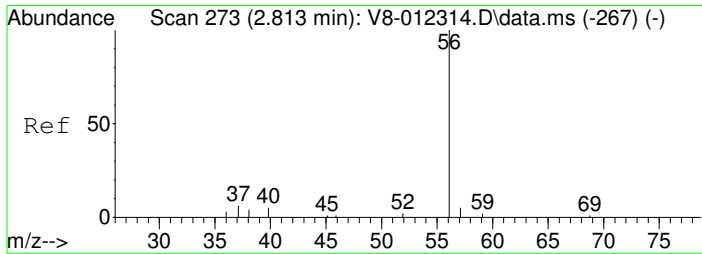
Tgt Ion:	50	Resp:	46322
Ion Ratio	Lower	Upper	
50	100		
96	1068.8	709.9	1474.3
70	202.7	137.5	285.7



#3
 Freon 152a
 Concen: Below Cal
 RT: 1.464 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: V8-012860.D
 Acq: 9 May 2026 7:18 pm

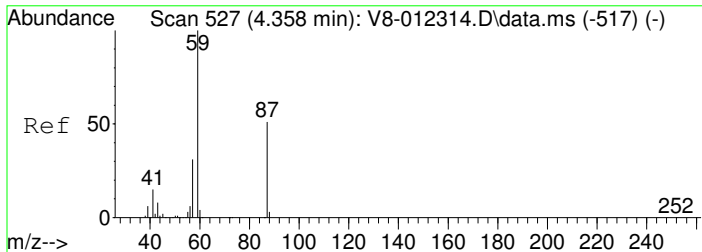
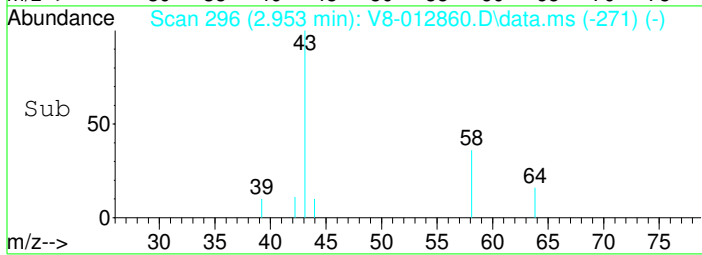
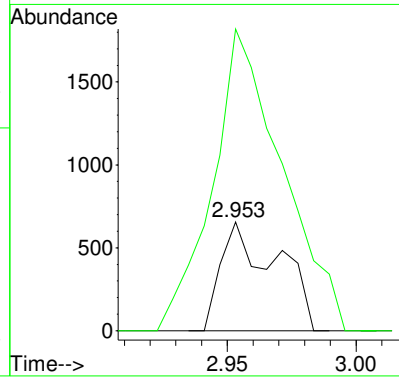
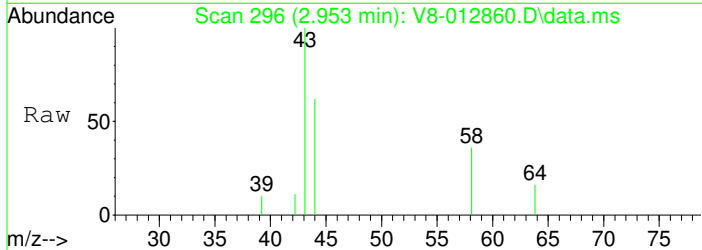
Tgt Ion:	65	Resp:	2311143
Ion Ratio	Lower	Upper	
65	100		
51	166.1	269.2	559.2#





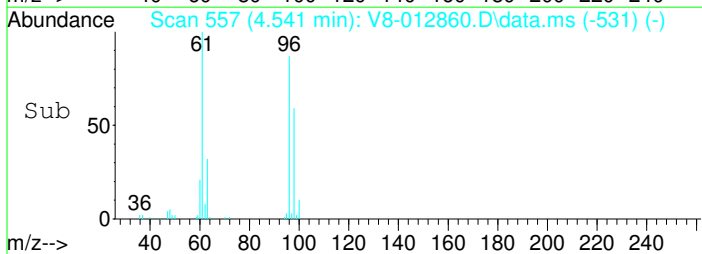
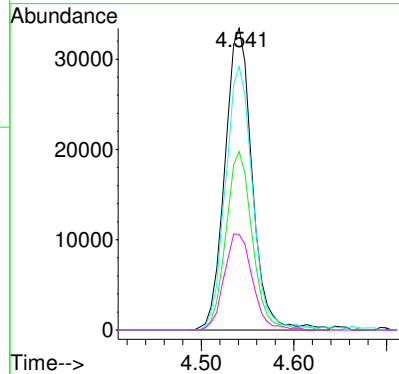
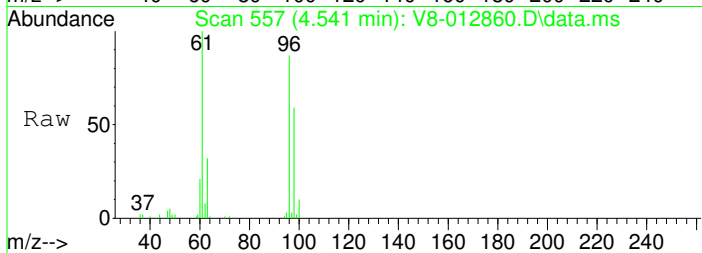
#18
 Acetone
 Concen: 1.65 ppb
 RT: 2.953 min Scan# 296
 Delta R.T. 0.000 min
 Lab File: V8-012860.D
 Acq: 9 May 2026 7:18 pm

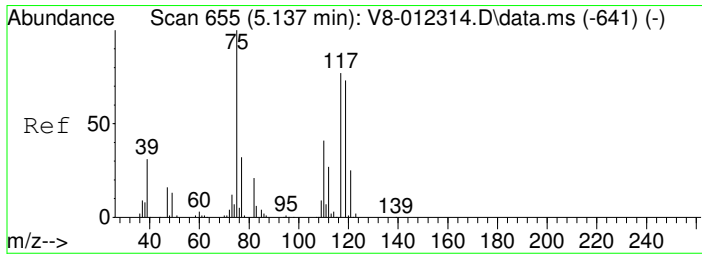
Tgt Ion:	58	Resp:	987
Ion Ratio	Lower	Upper	
58	100		
43	347.7	179.1	371.9



#33
 cis-1,2-Dichloroethylene
 Concen: 4.95 ppb
 RT: 4.541 min Scan# 557
 Delta R.T. 0.006 min
 Lab File: V8-012860.D
 Acq: 9 May 2026 7:18 pm

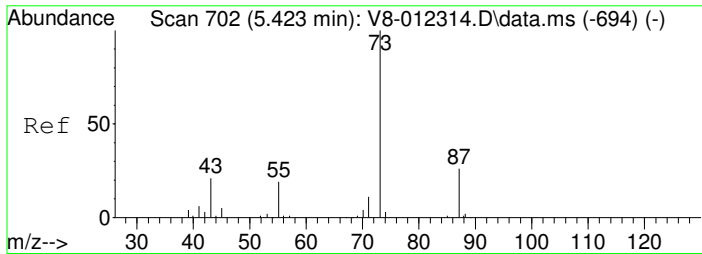
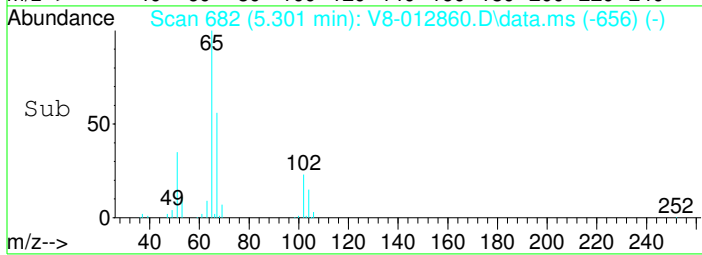
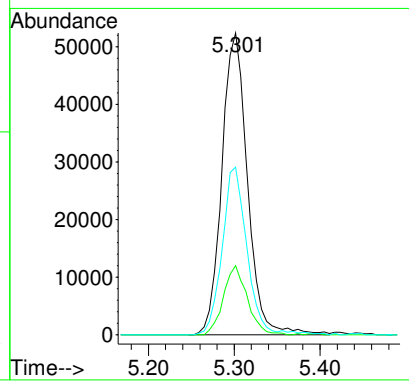
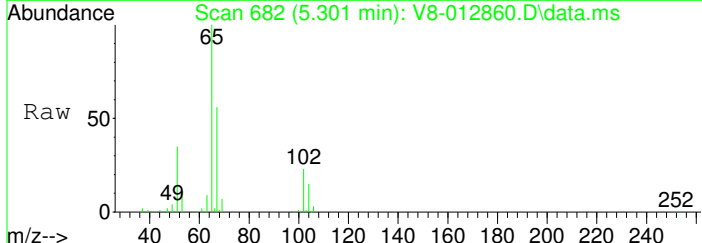
Tgt Ion:	61	Resp:	68435
Ion Ratio	Lower	Upper	
61	100		
98	56.7	33.9	70.5
96	87.1	53.0	110.2
63	33.0	21.5	44.7





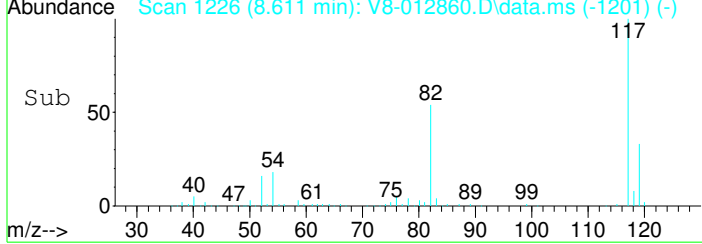
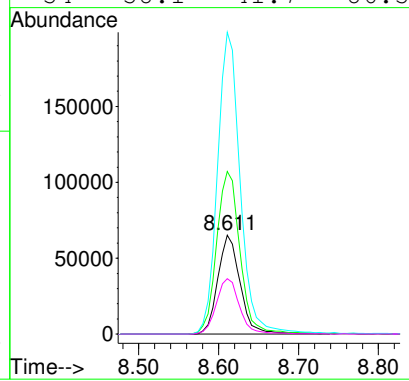
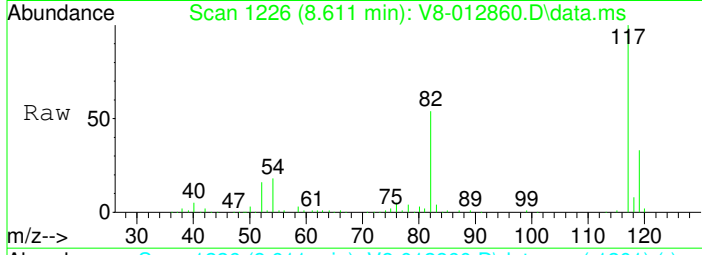
#42
 d4-1,2-Dichloroethane (SURR)
 Concen: 10.37 ppb
 RT: 5.301 min Scan# 682
 Delta R.T. 0.006 min
 Lab File: V8-012860.D
 Acq: 9 May 2026 7:18 pm

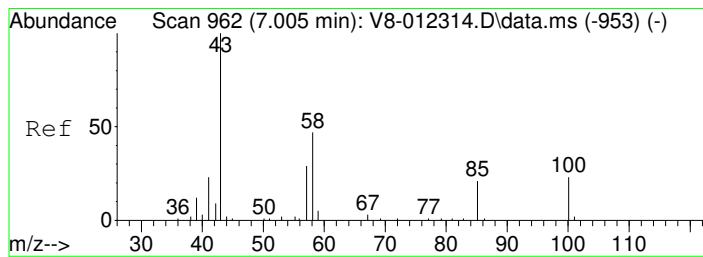
Tgt Ion	65	Resp	108790
Ion Ratio	Lower	Upper	
65	100		
102	21.3	15.3	31.9
67	54.0	36.3	75.3



#48
 CHLOROBENZENE-d5 (ISTD)
 Concen: 10.00 ppb
 RT: 8.611 min Scan# 1226
 Delta R.T. -0.000 min
 Lab File: V8-012860.D
 Acq: 9 May 2026 7:18 pm

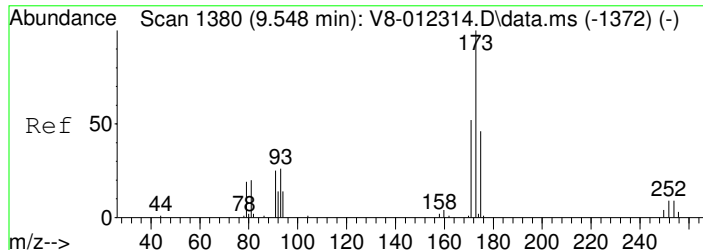
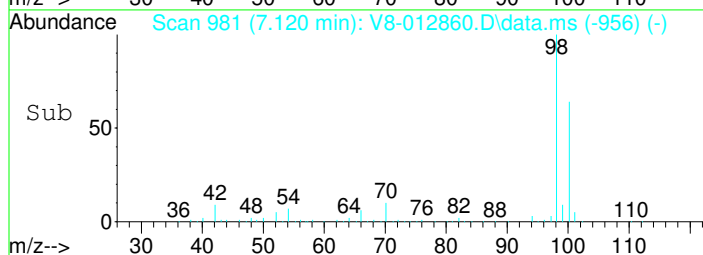
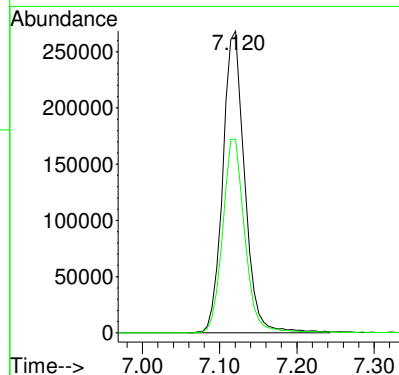
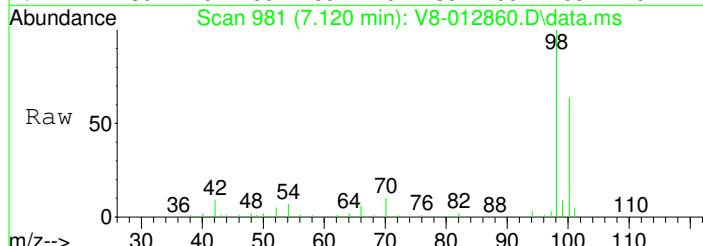
Tgt Ion	119	Resp	127109
Ion Ratio	Lower	Upper	
119	100		
82	171.9	112.1	232.7
117	309.4	203.0	421.6
54	58.1	41.7	86.5





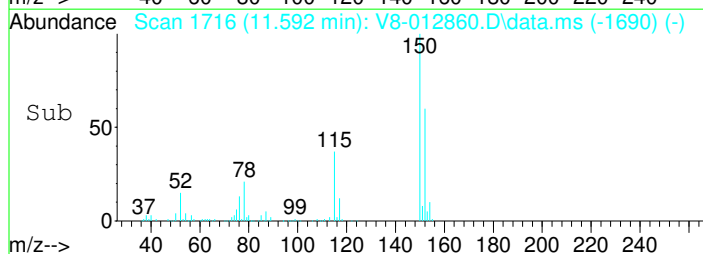
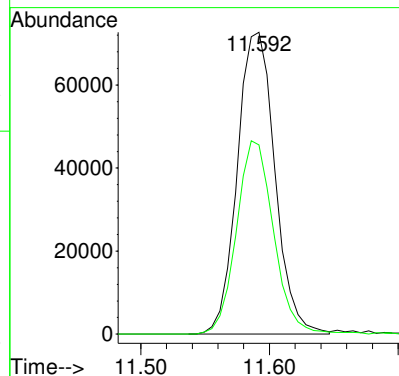
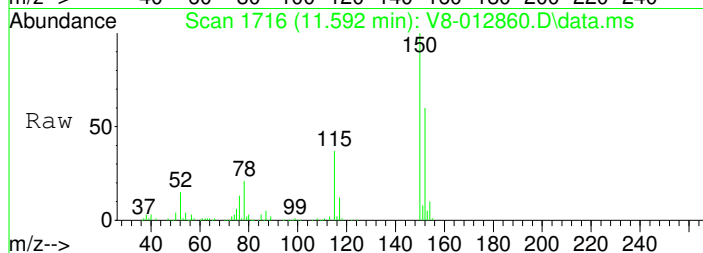
#60
Toluene-d8 (SURR)
Concen: 10.24 ppb
RT: 7.120 min Scan# 981
Delta R.T. 0.000 min
Lab File: V8-012860.D
Acq: 9 May 2026 7:18 pm

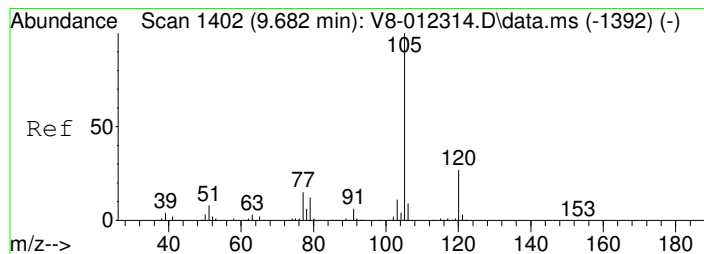
Tgt Ion: 98 Resp: 528362
Ion Ratio Lower Upper
98 100
100 64.9 43.0 89.4



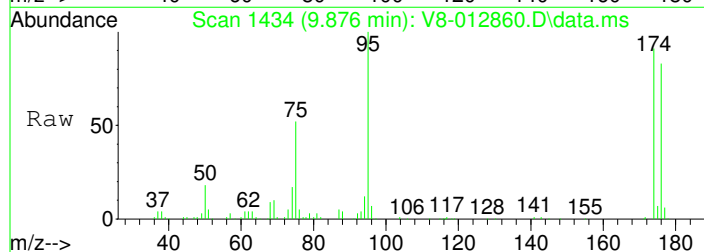
#80
1,2-DICHLOROBENZENE-d4 (ISTD)
Concen: 10.00 ppb
RT: 11.592 min Scan# 1716
Delta R.T. 0.006 min
Lab File: V8-012860.D
Acq: 9 May 2026 7:18 pm

Tgt Ion: 152 Resp: 148007
Ion Ratio Lower Upper
152 100
115 63.1 40.6 84.4

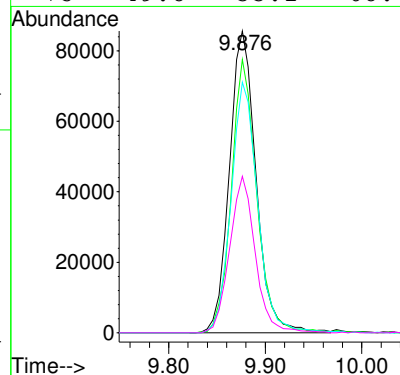
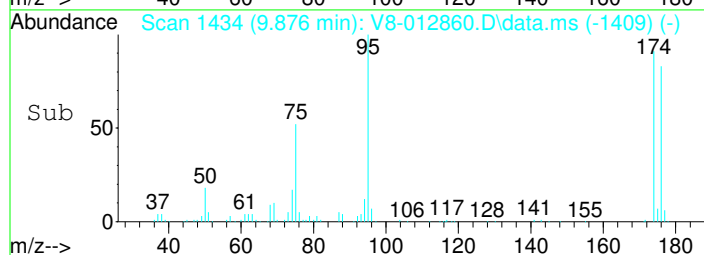




#82
 p-Bromofluorobenzene (SURR)
 Concen: 10.43 ppb
 RT: 9.876 min Scan# 1434
 Delta R.T. 0.000 min
 Lab File: V8-012860.D
 Acq: 9 May 2026 7:18 pm



Tgt Ion:	95	Resp:	164717
Ion Ratio	Lower	Upper	
95	100		
174	85.9	54.0	112.2
176	82.8	50.2	104.2
75	49.8	33.1	68.7



Sample Information

Client Sample ID: MW-13R (20260505)

Sample ID: 26E0163-04

Project (SDG) No.
26E0163

Client Project ID
230051 - 170 Freeman Street, Brooklyn

Matrix
Ground Water

Collection Date/Time
May 5, 2026 9:35 am

Date Received
05/05/2026

Volatile Organic Compounds by GC/MS

Sample Prepared by Method: EPA 5030B

Results Reported to MDL

CAS No.	Parameter	Result	Lab Qualifier	CLP Flag	Units	RL	MDL	Dilution	Reference Method	Prepared	Analyzed Date	By
630-20-6	1,1,1,2-Tetrachloroethane	ND		U	ug/L	0.500	0.216	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:50	THD
71-55-6	1,1,1-Trichloroethane	ND		U	ug/L	0.500	0.266	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:50	THD
79-34-5	1,1,2,2-Tetrachloroethane	ND		U	ug/L	0.500	0.256	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:50	THD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	ug/L	0.500	0.286	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:50	THD
79-00-5	1,1,2-Trichloroethane	ND		U	ug/L	0.500	0.249	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:50	THD
75-34-3	1,1-Dichloroethane	ND		U	ug/L	0.500	0.272	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:50	THD
75-35-4	1,1-Dichloroethylene	ND		U	ug/L	0.500	0.327	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:50	THD
87-61-6	1,2,3-Trichlorobenzene	ND		U	ug/L	0.500	0.222	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:50	THD
96-18-4	1,2,3-Trichloropropane	ND		U	ug/L	0.500	0.273	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:50	THD
120-82-1	1,2,4-Trichlorobenzene	ND		U	ug/L	0.500	0.138	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:50	THD
95-63-6	1,2,4-Trimethylbenzene	ND		U	ug/L	0.500	0.310	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:50	THD
96-12-8	1,2-Dibromo-3-chloropropane	ND		U	ug/L	0.500	0.432	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:50	THD
106-93-4	1,2-Dibromoethane	ND		U	ug/L	0.500	0.215	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:50	THD
95-50-1	1,2-Dichlorobenzene	ND		U	ug/L	0.500	0.270	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:50	THD
107-06-2	1,2-Dichloroethane	ND		U	ug/L	0.500	0.377	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:50	THD
78-87-5	1,2-Dichloropropane	ND		U	ug/L	0.500	0.327	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:50	THD
108-67-8	1,3,5-Trimethylbenzene	ND		U	ug/L	0.500	0.347	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:50	THD
541-73-1	1,3-Dichlorobenzene	ND		U	ug/L	0.500	0.283	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:50	THD
106-46-7	1,4-Dichlorobenzene	ND		U	ug/L	0.500	0.311	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:50	THD
78-93-3	2-Butanone	ND		U	ug/L	0.500	0.421	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:50	THD
591-78-6	2-Hexanone	ND		U	ug/L	0.500	0.320	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:50	THD
108-10-1	4-Methyl-2-pentanone	ND		U	ug/L	0.500	0.365	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:50	THD
67-64-1	Acetone	ND		U	ug/L	2.00	1.34	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:50	THD
107-02-8	Acrolein	ND		U	ug/L	0.500	0.447	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:50	THD
107-13-1	Acrylonitrile	ND		U	ug/L	0.500	0.422	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:50	THD
71-43-2	Benzene	ND		U	ug/L	0.500	0.279	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:50	THD
74-97-5	Bromochloromethane	ND		U	ug/L	0.500	0.354	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:50	THD
75-27-4	Bromodichloromethane	ND		U	ug/L	0.500	0.245	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:50	THD
75-25-2	Bromoform	ND		U	ug/L	0.500	0.163	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:50	THD
74-83-9	Bromomethane	ND		U	ug/L	2.00	0.500	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:50	THD
75-15-0	Carbon disulfide	ND		U	ug/L	0.500	0.362	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:50	THD
56-23-5	Carbon tetrachloride	ND		U	ug/L	0.500	0.204	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:50	THD
108-90-7	Chlorobenzene	ND		U	ug/L	0.500	0.284	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:50	THD
75-00-3	Chloroethane	ND		U	ug/L	0.500	0.448	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:50	THD
67-66-3	Chloroform	ND		U	ug/L	0.500	0.243	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:50	THD

Sample Information

Client Sample ID: MW-13R (20260505)			Sample ID: 26E0163-04			
Project (SDG) No.		Client Project ID		Matrix	Collection Date/Time	Date Received
26E0163		230051 - 170 Freeman Street, Brooklyn		Ground Water	May 5, 2026 9:35 am	05/05/2026

Volatile Organic Compounds by GC/MS

Sample Prepared by Method: EPA 5030B

Results Reported to MDL

CAS No.	Parameter	Result	Lab Qualifier	CLP Flag	Units	RL	MDL	Dilution	Reference Method	Prepared	Analyzed Date	By
74-87-3	Chloromethane	ND		U	ug/L	0.500	0.372	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:50	THD
156-59-2	cis-1,2-Dichloroethylene	ND		U	ug/L	0.500	0.294	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:50	THD
10061-01-5	cis-1,3-Dichloropropylene	ND		U	ug/L	0.500	0.262	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:50	THD
110-82-7	Cyclohexane	ND		U	ug/L	0.500	0.491	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:50	THD
124-48-1	Dibromochloromethane	ND		U	ug/L	0.500	0.146	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:50	THD
74-95-3	Dibromomethane	ND		U	ug/L	0.500	0.203	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:50	THD
75-71-8	Dichlorodifluoromethane	ND		U	ug/L	0.500	0.451	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:50	THD
100-41-4	Ethyl Benzene	ND		U	ug/L	0.500	0.290	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:50	THD
87-68-3	Hexachlorobutadiene	ND		U	ug/L	0.500	0.241	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:50	THD
98-82-8	Isopropylbenzene	ND		U	ug/L	0.500	0.405	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:50	THD
79-20-9	Methyl acetate	ND		U	ug/L	0.500	0.442	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:50	THD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		U	ug/L	0.500	0.244	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:50	THD
108-87-2	Methylcyclohexane	ND		U	ug/L	0.500	0.477	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:50	THD
75-09-2	Methylene chloride	ND		U	ug/L	2.00	0.397	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:50	THD
104-51-8	n-Butylbenzene	ND		U	ug/L	0.500	0.399	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:50	THD
103-65-1	n-Propylbenzene	ND		U	ug/L	0.500	0.384	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:50	THD
95-47-6	o-Xylene	ND		U	ug/L	0.500	0.261	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:50	THD
179601-23-1	p- & m- Xylenes	ND		U	ug/L	1.00	0.578	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:50	THD
99-87-6	p-Isopropyltoluene	ND		U	ug/L	0.500	0.377	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:50	THD
135-98-8	sec-Butylbenzene	ND		U	ug/L	0.500	0.444	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:50	THD
100-42-5	Styrene	ND		U	ug/L	0.500	0.255	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:50	THD
75-65-0	tert-Butyl alcohol (TBA)	ND		U	ug/L	1.00	0.608	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:50	THD
98-06-6	tert-Butylbenzene	ND		U	ug/L	0.500	0.367	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:50	THD
127-18-4	Tetrachloroethylene	ND	QL-02	U	ug/L	0.500	0.239	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:50	THD
108-88-3	Toluene	ND		U	ug/L	0.500	0.346	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:50	THD
156-60-5	trans-1,2-Dichloroethylene	ND		U	ug/L	0.500	0.279	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:50	THD
10061-02-6	trans-1,3-Dichloropropylene	ND		U	ug/L	0.500	0.229	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:50	THD
110-57-6	trans-1,4-dichloro-2-butene	ND	CCVE	U	ug/L	0.500	0.283	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:50	THD
79-01-6	Trichloroethylene	ND		U	ug/L	0.500	0.249	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:50	THD
75-69-4	Trichlorofluoromethane	ND		U	ug/L	0.500	0.337	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:50	THD
75-01-4	Vinyl Chloride	ND		U	ug/L	0.500	0.469	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:50	THD
1330-20-7	Xylenes, Total	ND		U	ug/L	1.50	0.839	1	EPA 8260D	5/9/26 7:00	5/ 9/26 19:50	THD
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	101 %				69-130						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	105 %				79-122						
2037-26-5	Surrogate: SURR: Toluene-d8	104 %				81-117						

Data Path : C:\msdchem\1\data\V8-05-09-26\
 Data File : V8-012861.D
 Acq On : 9 May 2026 7:50 pm
 Operator : THD
 InstName : VOA No. 8
 Sample : 26E0163-04 A
 Misc :
 ALS Vial : 100 Sample Multiplier: 1

Quant Time: May 11 11:47:28 2026
 Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Fri May 08 12:52:12 2026
 Response via : Initial Calibration

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

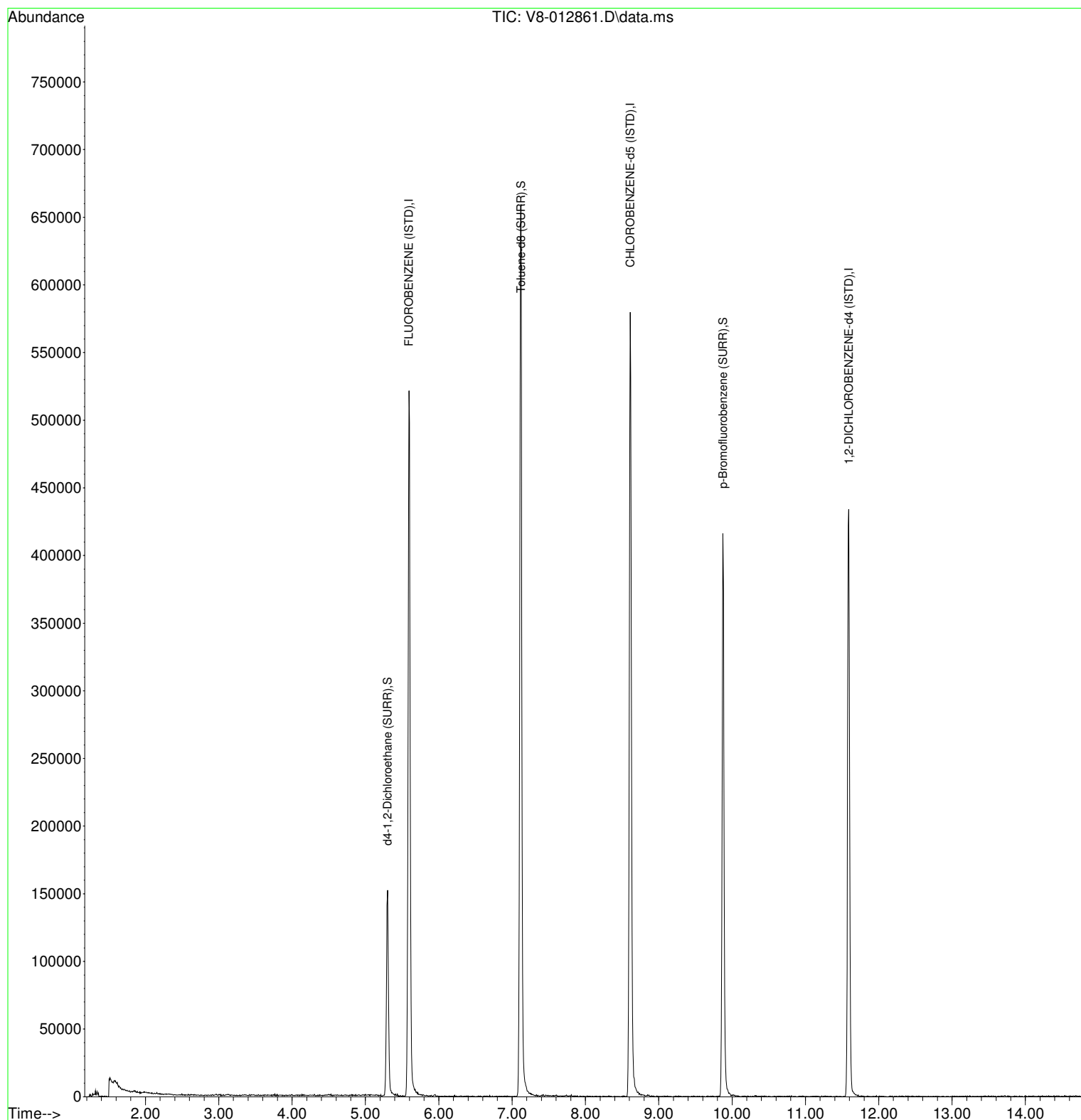
Internal Standards						
1) FLUOROBENZENE (ISTD)	5.593	50	48989	10.00	ppb	0.00
48) CHLOROBENZENE-d5 (ISTD)	8.611	119	124871	10.00	ppb	0.00
80) 1,2-DICHLOROBENZENE-d4...	11.592	152	145337	10.00	ppb	0.00
System Monitoring Compounds						
42) d4-1,2-Dichloroethane ...	5.301	65	112273	10.12	ppb	0.00
Spiked Amount 10.000	Range	69 - 130	Recovery	=	101.20%	
60) Toluene-d8 (SURR)	7.120	98	526460	10.38	ppb	0.00
Spiked Amount 10.000	Range	81 - 117	Recovery	=	103.80%	
82) p-Bromofluorobenzene (...)	9.876	95	162508	10.48	ppb	0.00
Spiked Amount 10.000	Range	79 - 122	Recovery	=	104.80%	

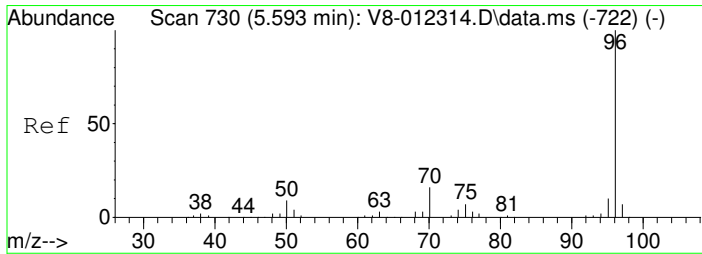
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : V8-012861.D
Acq On : 9 May 2026 7:50 pm
Operator : THD
InstName : VOA No. 8
Sample : 26E0163-04 A
Misc :
ALS Vial : 100 Sample Multiplier: 1

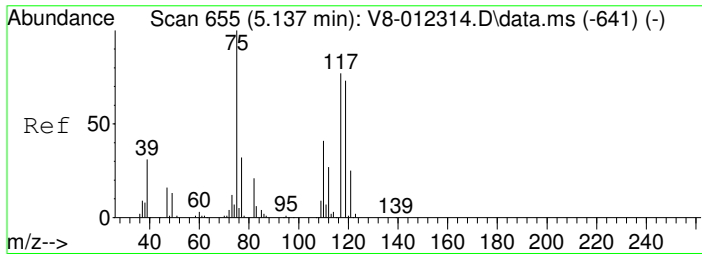
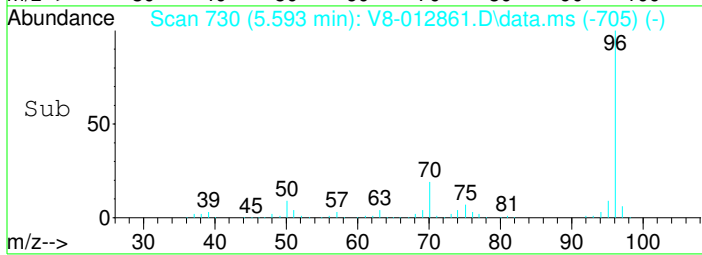
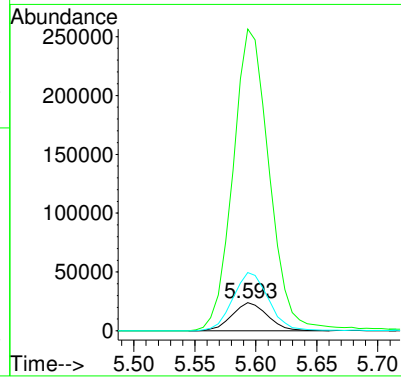
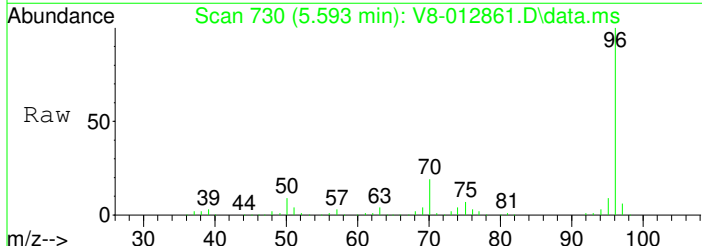
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Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Fri May 08 12:52:12 2026
Response via : Initial Calibration





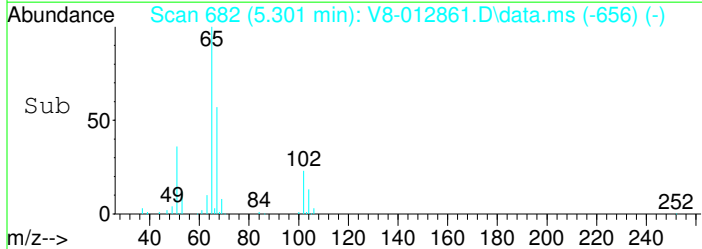
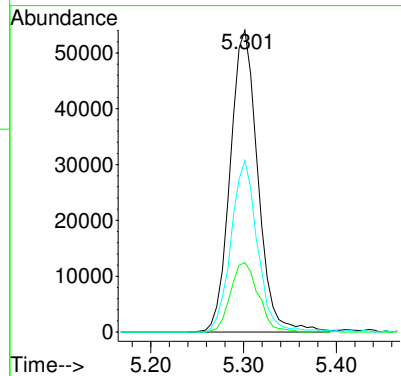
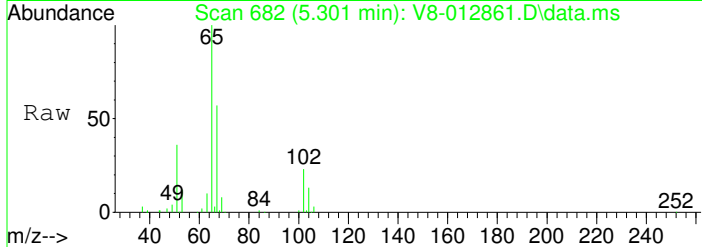
#1
 FLUOROBENZENE (ISTD)
 Concen: 10.00 ppb
 RT: 5.593 min Scan# 730
 Delta R.T. 0.000 min
 Lab File: V8-012861.D
 Acq: 9 May 2026 7:50 pm

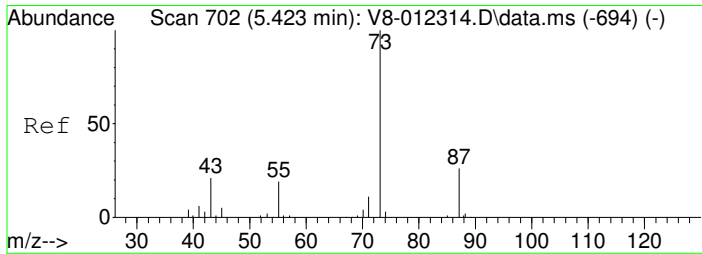
Tgt Ion:	50	Resp:	48989
Ion Ratio	Lower	Upper	
50	100		
96	1094.9	709.9	1474.3
70	207.3	137.5	285.7



#42
 d4-1,2-Dichloroethane (SURR)
 Concen: 10.12 ppb
 RT: 5.301 min Scan# 682
 Delta R.T. 0.006 min
 Lab File: V8-012861.D
 Acq: 9 May 2026 7:50 pm

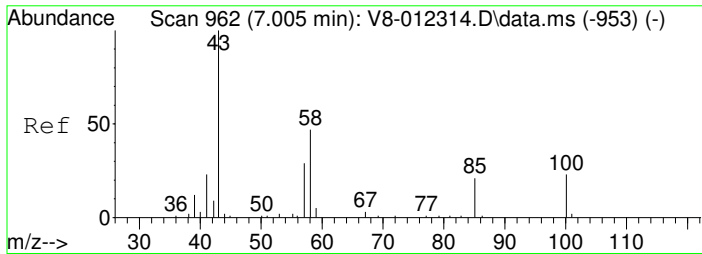
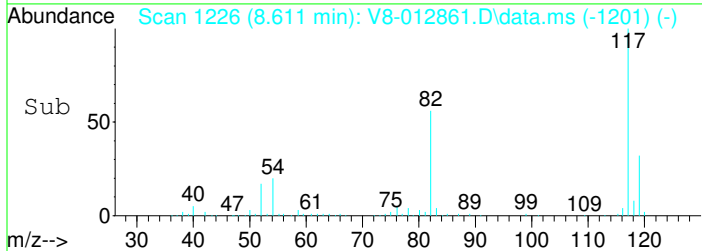
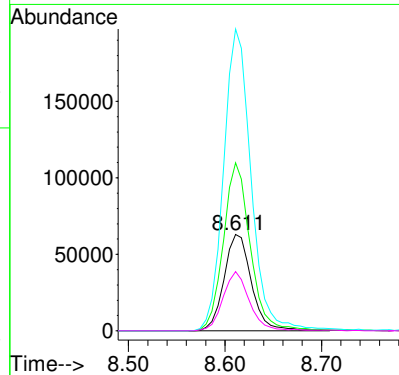
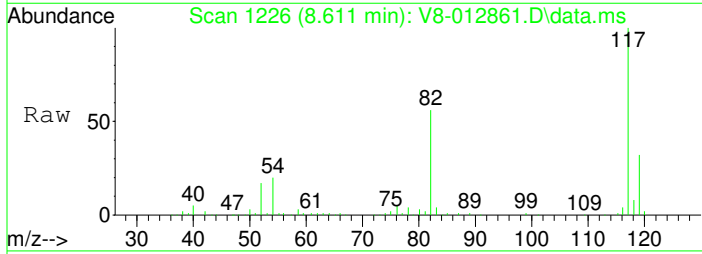
Tgt Ion:	65	Resp:	112273
Ion Ratio	Lower	Upper	
65	100		
102	23.2	15.3	31.9
67	54.6	36.3	75.3





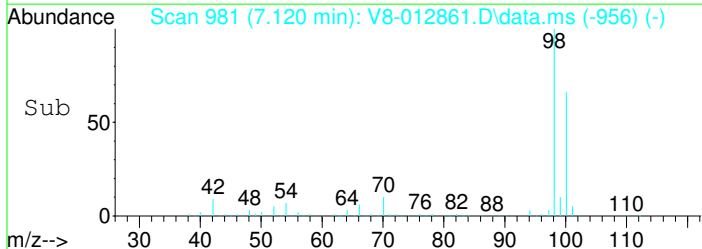
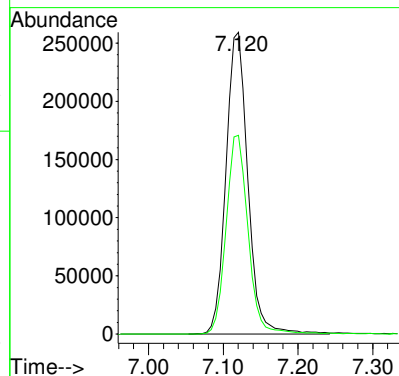
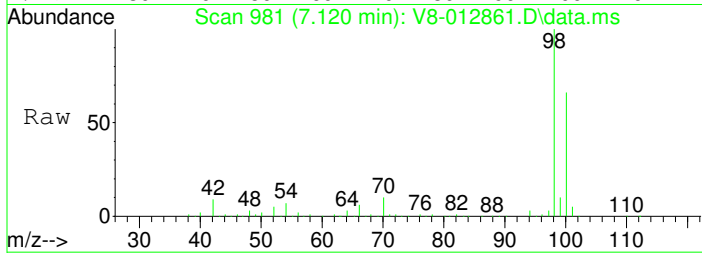
#48
CHLOROBENZENE-d5 (ISTD)
Concen: 10.00 ppb
RT: 8.611 min Scan# 1226
Delta R.T. -0.000 min
Lab File: V8-012861.D
Acq: 9 May 2026 7:50 pm

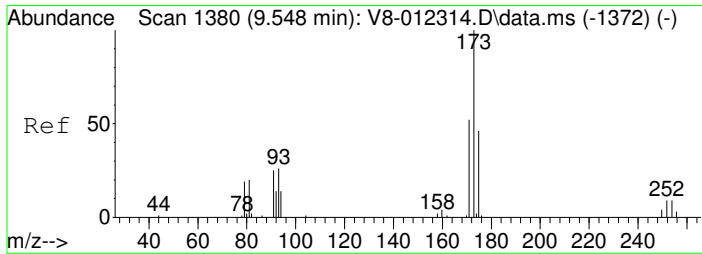
Tgt Ion:	119	Resp:	124871
Ion Ratio	Lower	Upper	
119	100		
82	170.8	112.1	232.7
117	313.6	203.0	421.6
54	60.0	41.7	86.5



#60
Toluene-d8 (SURRE)
Concen: 10.38 ppb
RT: 7.120 min Scan# 981
Delta R.T. 0.000 min
Lab File: V8-012861.D
Acq: 9 May 2026 7:50 pm

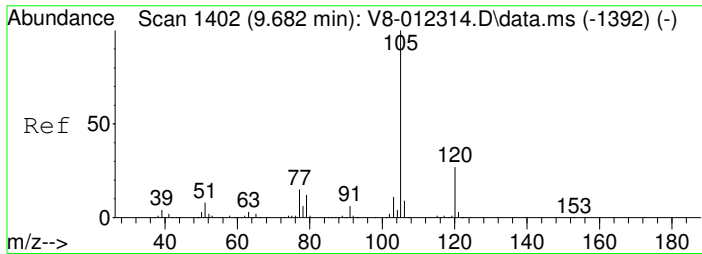
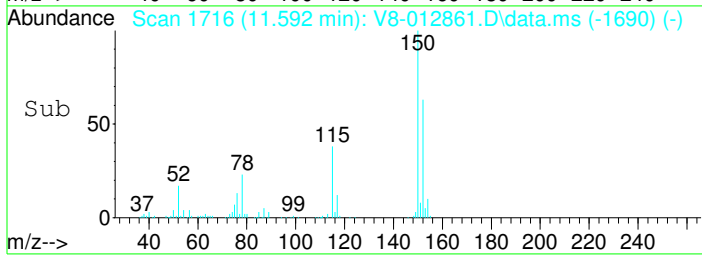
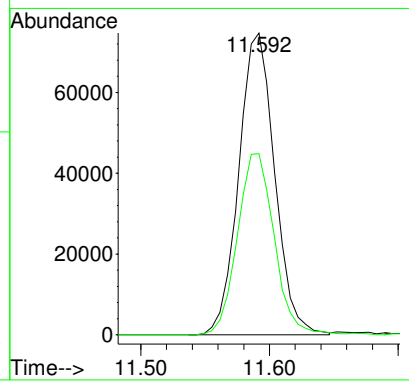
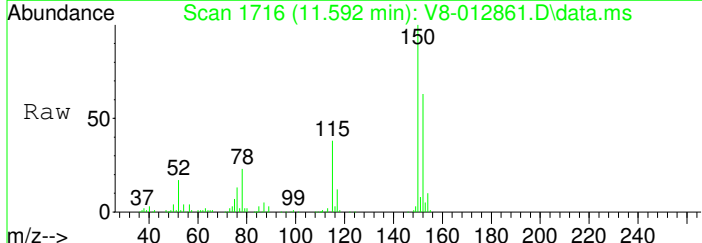
Tgt Ion:	98	Resp:	526460
Ion Ratio	Lower	Upper	
98	100		
100	66.0	43.0	89.4





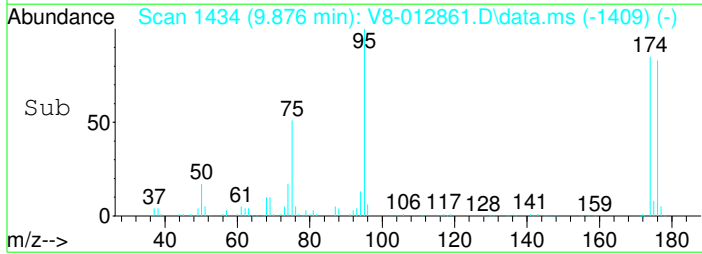
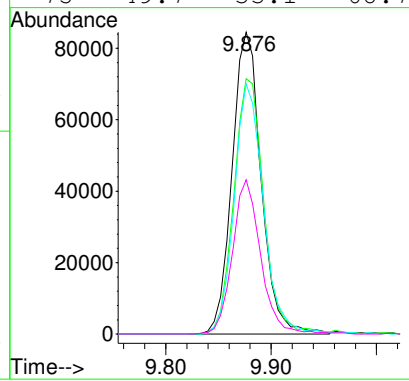
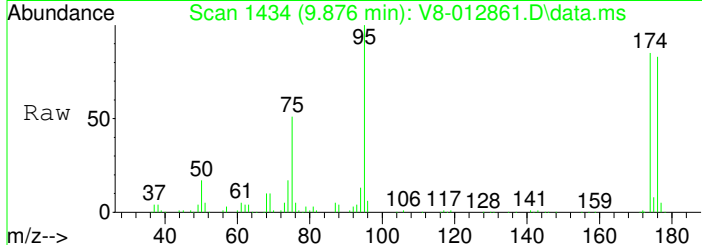
#80
 1,2-DICHLOROBENZENE-d4 (ISTD)
 Concen: 10.00 ppb
 RT: 11.592 min Scan# 1716
 Delta R.T. 0.006 min
 Lab File: V8-012861.D
 Acq: 9 May 2026 7:50 pm

Tgt Ion:	152	Resp:	145337
Ion Ratio	Lower	Upper	
152	100		
115	61.4	40.6	84.4



#82
 p-Bromofluorobenzene (SURRE)
 Concen: 10.48 ppb
 RT: 9.876 min Scan# 1434
 Delta R.T. 0.000 min
 Lab File: V8-012861.D
 Acq: 9 May 2026 7:50 pm

Tgt Ion:	95	Resp:	162508
Ion Ratio	Lower	Upper	
95	100		
174	87.0	54.0	112.2
176	83.3	50.2	104.2
75	49.7	33.1	68.7



Sample Information

Client Sample ID: MW-14 (20260505)

Sample ID: 26E0163-05

Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26E0163	230051 - 170 Freeman Street, Brooklyn	Ground Water	May 5, 2026 9:05 am	05/05/2026

Volatile Organic Compounds by GC/MS

Sample Prepared by Method: EPA 5030B

Results Reported to MDL

CAS No.	Parameter	Result	Lab Qualifier	CLP Flag	Units	RL	MDL	Dilution	Reference Method	Prepared	Analyzed Date	By
630-20-6	1,1,1,2-Tetrachloroethane	ND		U	ug/L	0.500	0.216	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
71-55-6	1,1,1-Trichloroethane	ND		U	ug/L	0.500	0.266	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
79-34-5	1,1,2,2-Tetrachloroethane	ND		U	ug/L	0.500	0.256	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	ug/L	0.500	0.286	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
79-00-5	1,1,2-Trichloroethane	ND		U	ug/L	0.500	0.249	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
75-34-3	1,1-Dichloroethane	ND		U	ug/L	0.500	0.272	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
75-35-4	1,1-Dichloroethylene	ND		U	ug/L	0.500	0.327	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
87-61-6	1,2,3-Trichlorobenzene	ND		U	ug/L	0.500	0.222	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
96-18-4	1,2,3-Trichloropropane	ND		U	ug/L	0.500	0.273	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
120-82-1	1,2,4-Trichlorobenzene	ND		U	ug/L	0.500	0.138	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
95-63-6	1,2,4-Trimethylbenzene	ND		U	ug/L	0.500	0.310	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
96-12-8	1,2-Dibromo-3-chloropropane	ND		U	ug/L	0.500	0.432	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
106-93-4	1,2-Dibromoethane	ND		U	ug/L	0.500	0.215	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
95-50-1	1,2-Dichlorobenzene	ND		U	ug/L	0.500	0.270	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
107-06-2	1,2-Dichloroethane	ND		U	ug/L	0.500	0.377	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
78-87-5	1,2-Dichloropropane	ND		U	ug/L	0.500	0.327	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
108-67-8	1,3,5-Trimethylbenzene	ND		U	ug/L	0.500	0.347	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
541-73-1	1,3-Dichlorobenzene	ND		U	ug/L	0.500	0.283	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
106-46-7	1,4-Dichlorobenzene	ND		U	ug/L	0.500	0.311	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
78-93-3	2-Butanone	ND		U	ug/L	0.500	0.421	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
591-78-6	2-Hexanone	ND		U	ug/L	0.500	0.320	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
108-10-1	4-Methyl-2-pentanone	ND		U	ug/L	0.500	0.365	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
67-64-1	Acetone	ND		U	ug/L	2.00	1.34	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
107-02-8	Acrolein	ND		U	ug/L	0.500	0.447	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
107-13-1	Acrylonitrile	ND		U	ug/L	0.500	0.422	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
71-43-2	Benzene	ND		U	ug/L	0.500	0.279	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
74-97-5	Bromochloromethane	ND		U	ug/L	0.500	0.354	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
75-27-4	Bromodichloromethane	ND		U	ug/L	0.500	0.245	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
75-25-2	Bromoform	ND		U	ug/L	0.500	0.163	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
74-83-9	Bromomethane	ND		U	ug/L	2.00	0.500	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
75-15-0	Carbon disulfide	ND		U	ug/L	0.500	0.362	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
56-23-5	Carbon tetrachloride	ND		U	ug/L	0.500	0.204	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
108-90-7	Chlorobenzene	ND		U	ug/L	0.500	0.284	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
75-00-3	Chloroethane	ND		U	ug/L	0.500	0.448	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
67-66-3	Chloroform	ND		U	ug/L	0.500	0.243	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD

Sample Information

Client Sample ID: MW-14 (20260505)			Sample ID: 26E0163-05			
Project (SDG) No.		Client Project ID		Matrix	Collection Date/Time	Date Received
26E0163		230051 - 170 Freeman Street, Brooklyn		Ground Water	May 5, 2026 9:05 am	05/05/2026

Volatile Organic Compounds by GC/MS

Sample Prepared by Method: EPA 5030B			Results Reported to MDL									
CAS No.	Parameter	Result	Lab Qualifier	CLP Flag	Units	RL	MDL	Dilution	Reference Method	Prepared	Analized Date	By
74-87-3	Chloromethane	ND		U	ug/L	0.500	0.372	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
156-59-2	cis-1,2-Dichloroethylene	ND		U	ug/L	0.500	0.294	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
10061-01-5	cis-1,3-Dichloropropylene	ND		U	ug/L	0.500	0.262	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
110-82-7	Cyclohexane	ND		U	ug/L	0.500	0.491	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
124-48-1	Dibromochloromethane	ND		U	ug/L	0.500	0.146	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
74-95-3	Dibromomethane	ND		U	ug/L	0.500	0.203	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
75-71-8	Dichlorodifluoromethane	ND		U	ug/L	0.500	0.451	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
100-41-4	Ethyl Benzene	ND		U	ug/L	0.500	0.290	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
87-68-3	Hexachlorobutadiene	ND		U	ug/L	0.500	0.241	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
98-82-8	Isopropylbenzene	ND		U	ug/L	0.500	0.405	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
79-20-9	Methyl acetate	ND		U	ug/L	0.500	0.442	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		U	ug/L	0.500	0.244	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
108-87-2	Methylcyclohexane	ND		U	ug/L	0.500	0.477	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
75-09-2	Methylene chloride	ND		U	ug/L	2.00	0.397	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
104-51-8	n-Butylbenzene	ND		U	ug/L	0.500	0.399	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
103-65-1	n-Propylbenzene	ND		U	ug/L	0.500	0.384	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
95-47-6	o-Xylene	ND		U	ug/L	0.500	0.261	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
179601-23-1	p- & m- Xylenes	ND		U	ug/L	1.00	0.578	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
99-87-6	p-Isopropyltoluene	ND		U	ug/L	0.500	0.377	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
135-98-8	sec-Butylbenzene	ND		U	ug/L	0.500	0.444	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
100-42-5	Styrene	ND		U	ug/L	0.500	0.255	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
75-65-0	tert-Butyl alcohol (TBA)	ND		U	ug/L	1.00	0.608	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
98-06-6	tert-Butylbenzene	ND		U	ug/L	0.500	0.367	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
127-18-4	Tetrachloroethylene	ND	QL-02	U	ug/L	0.500	0.239	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
108-88-3	Toluene	ND		U	ug/L	0.500	0.346	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
156-60-5	trans-1,2-Dichloroethylene	ND		U	ug/L	0.500	0.279	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
10061-02-6	trans-1,3-Dichloropropylene	ND		U	ug/L	0.500	0.229	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
110-57-6	trans-1,4-dichloro-2-butene	ND	CCVE	U	ug/L	0.500	0.283	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
79-01-6	Trichloroethylene	ND		U	ug/L	0.500	0.249	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
75-69-4	Trichlorofluoromethane	ND		U	ug/L	0.500	0.337	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
75-01-4	Vinyl Chloride	ND		U	ug/L	0.500	0.469	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
1330-20-7	Xylenes, Total	ND		U	ug/L	1.50	0.839	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:22	THD
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	103 %				69-130						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	104 %				79-122						
2037-26-5	Surrogate: SURR: Toluene-d8	102 %				81-117						

Data Path : C:\msdchem\1\data\V8-05-09-26\
 Data File : V8-012862.D
 Acq On : 9 May 2026 8:22 pm
 Operator : THD
 InstName : VOA No. 8
 Sample : 26E0163-05 A
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 11 11:48:57 2026
 Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Fri May 08 12:52:12 2026
 Response via : Initial Calibration

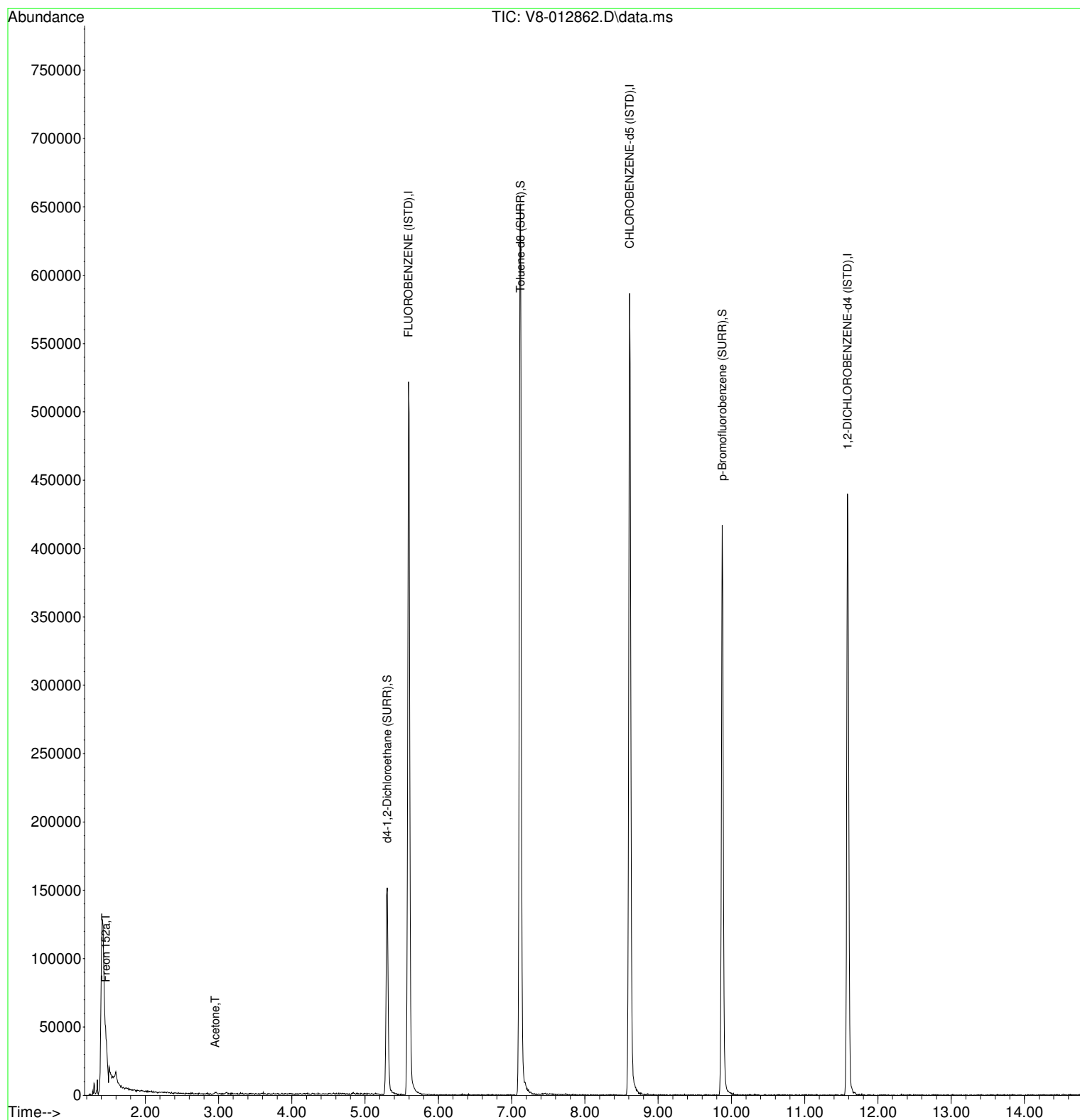
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

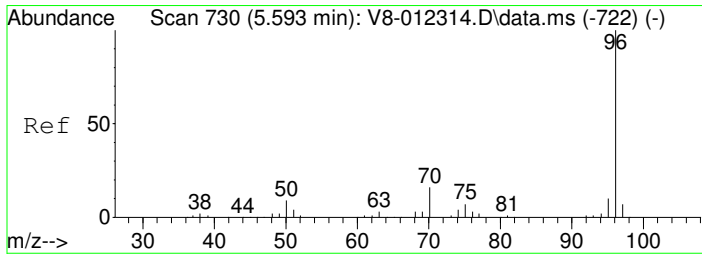
Internal Standards						
1) FLUOROBENZENE (ISTD)	5.593	50	49589	10.00	ppb	0.00
48) CHLOROBENZENE-d5 (ISTD)	8.611	119	126640	10.00	ppb	0.00
80) 1,2-DICHLOROBENZENE-d4...	11.586	152	147059	10.00	ppb	0.00
System Monitoring Compounds						
42) d4-1,2-Dichloroethane ...	5.301	65	115265	10.27	ppb	0.00
Spiked Amount 10.000	Range	69 - 130	Recovery	=	102.70%	
60) Toluene-d8 (SURR)	7.120	98	525059	10.21	ppb	0.00
Spiked Amount 10.000	Range	81 - 117	Recovery	=	102.10%	
82) p-Bromofluorobenzene (...)	9.876	95	163241	10.40	ppb	0.00
Spiked Amount 10.000	Range	79 - 122	Recovery	=	104.00%	
Target Compounds						
3) Freon 152a	1.458	65	24608	6.12	ppb	50
18) Acetone	2.953	58	460	0.72	ppb	67

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

Data Path : C:\msdchem\1\data\V8-05-09-26\
Data File : V8-012862.D
Acq On : 9 May 2026 8:22 pm
Operator : THD
InstName : VOA No. 8
Sample : 26E0163-05 A
Misc :
ALS Vial : 1 Sample Multiplier: 1

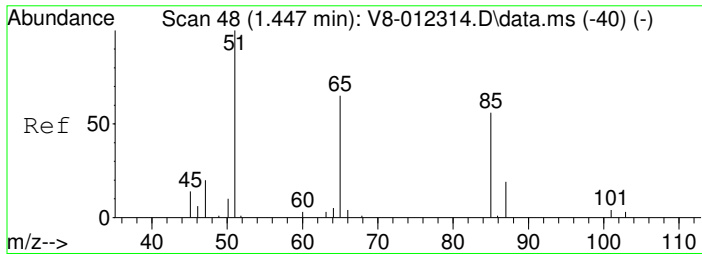
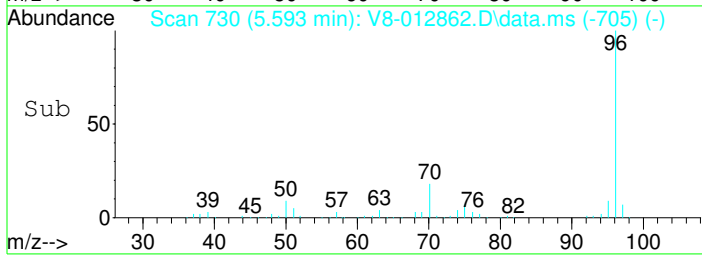
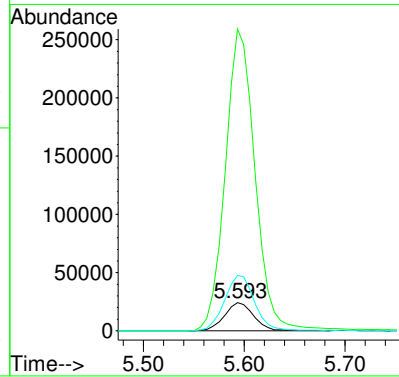
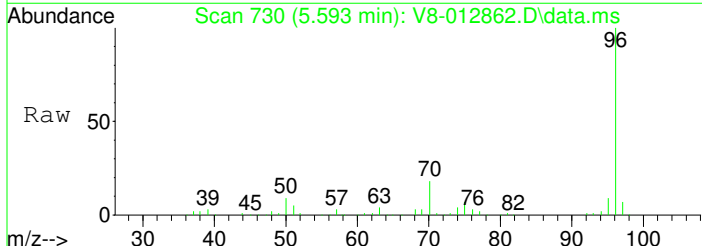
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Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Fri May 08 12:52:12 2026
Response via : Initial Calibration





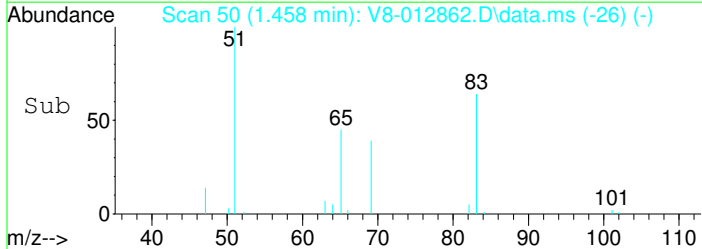
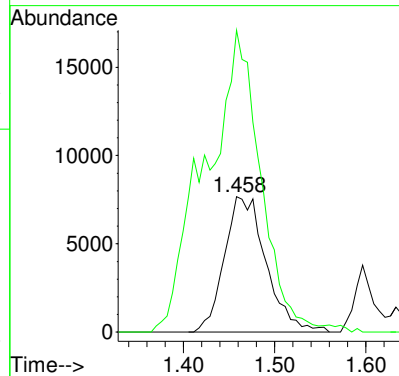
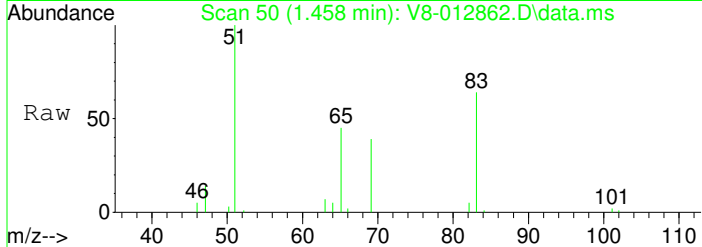
#1
 FLUOROBENZENE (ISTD)
 Concen: 10.00 ppb
 RT: 5.593 min Scan# 730
 Delta R.T. 0.000 min
 Lab File: V8-012862.D
 Acq: 9 May 2026 8:22 pm

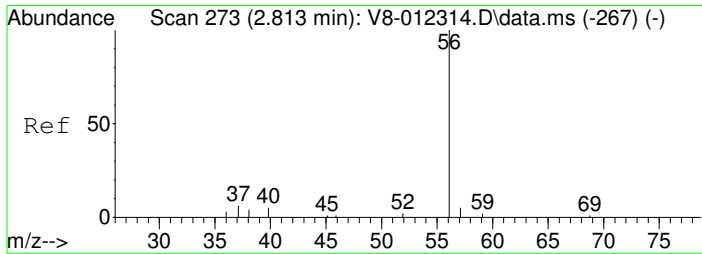
Tgt Ion:	50	Resp:	49589
Ion Ratio	Lower	Upper	
50	100		
96	1079.2	709.9	1474.3
70	200.9	137.5	285.7



#3
 Freon 152a
 Concen: 6.12 ppb
 RT: 1.458 min Scan# 50
 Delta R.T. -0.012 min
 Lab File: V8-012862.D
 Acq: 9 May 2026 8:22 pm

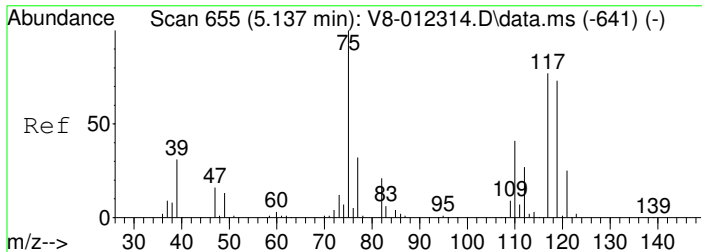
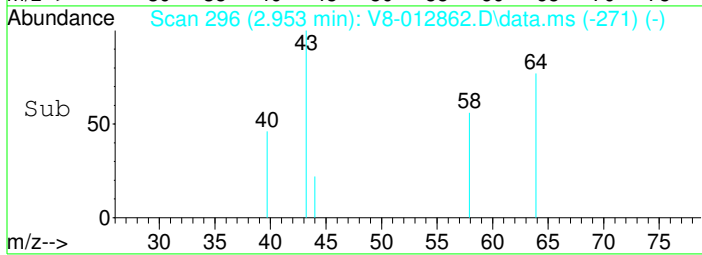
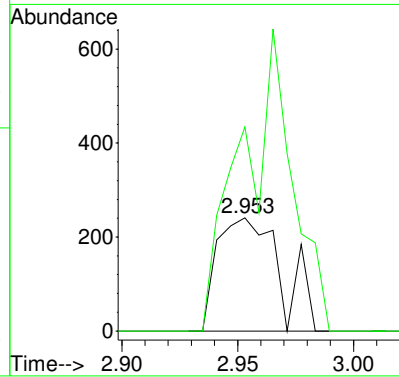
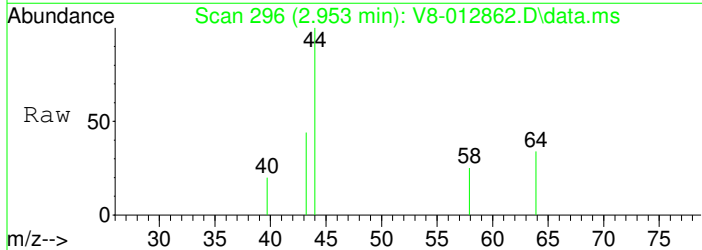
Tgt Ion:	65	Resp:	24608
Ion Ratio	Lower	Upper	
65	100		
51	293.0	269.2	559.2





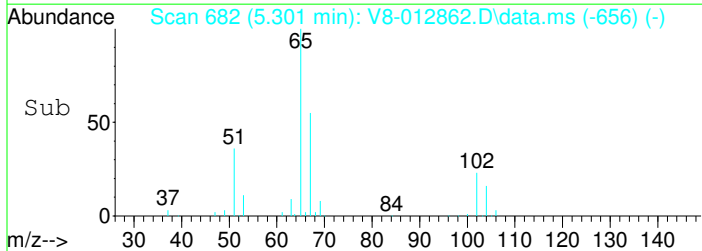
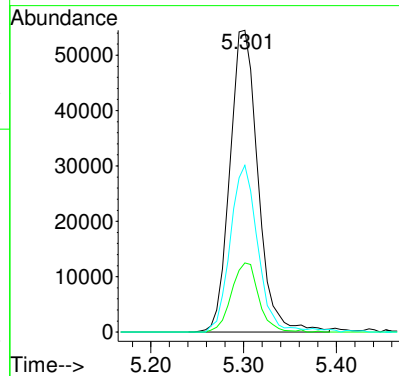
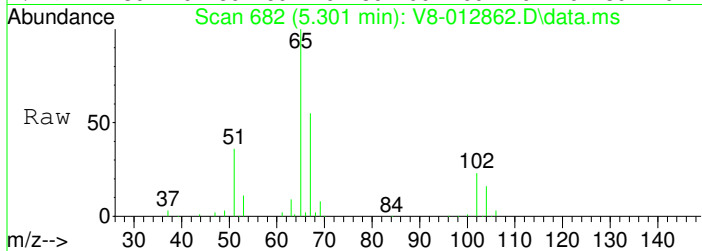
#18
 Acetone
 Concen: 0.72 ppb
 RT: 2.953 min Scan# 296
 Delta R.T. 0.000 min
 Lab File: V8-012862.D
 Acq: 9 May 2026 8:22 pm

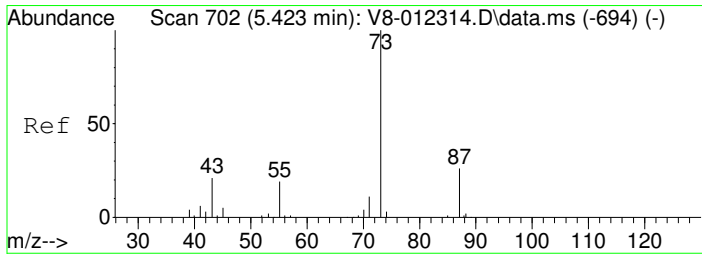
Tgt Ion	Ratio	Lower	Upper
58	100		
43	213.9	179.1	371.9



#42
 d4-1,2-Dichloroethane (SURR)
 Concen: 10.27 ppb
 RT: 5.301 min Scan# 682
 Delta R.T. 0.006 min
 Lab File: V8-012862.D
 Acq: 9 May 2026 8:22 pm

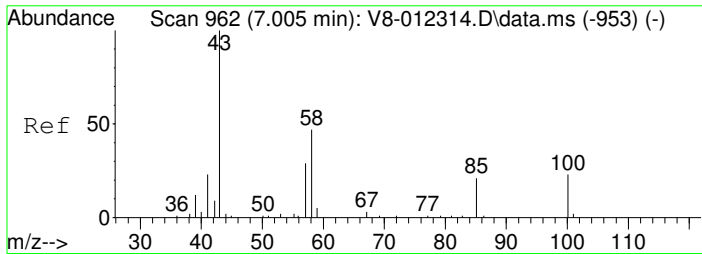
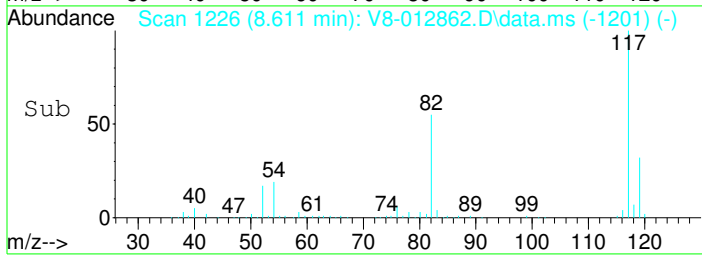
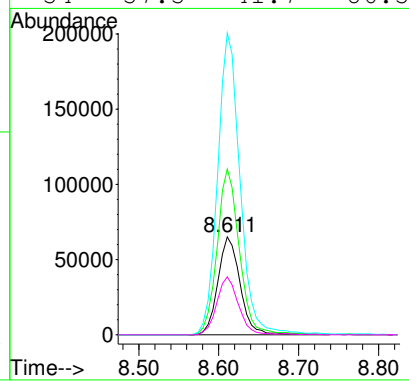
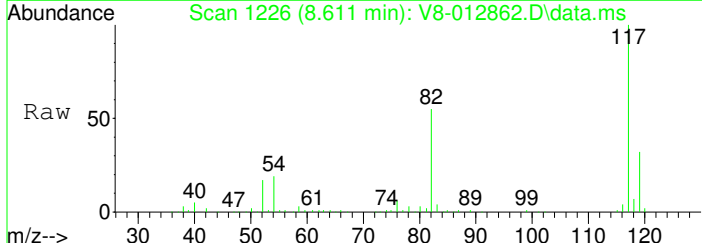
Tgt Ion	Ratio	Lower	Upper
65	100		
102	22.3	15.3	31.9
67	53.7	36.3	75.3





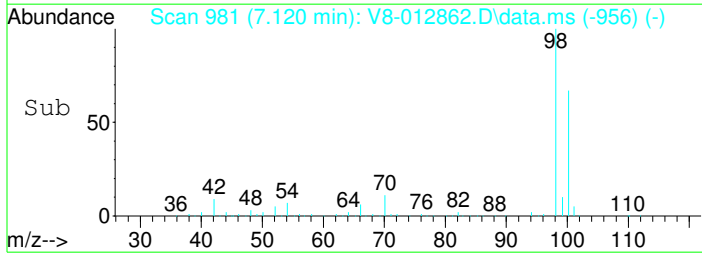
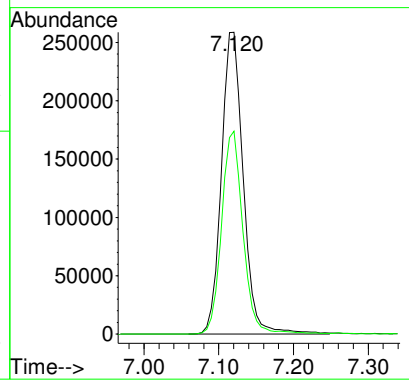
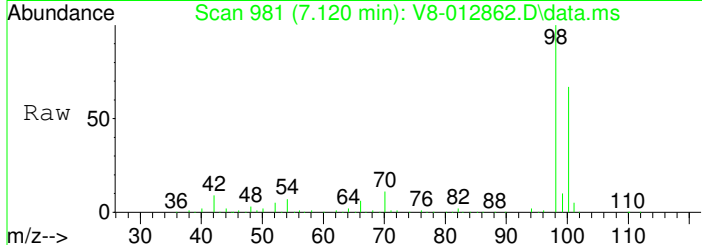
#48
 CHLOROBENZENE-d5 (ISTD)
 Concen: 10.00 ppb
 RT: 8.611 min Scan# 1226
 Delta R.T. -0.000 min
 Lab File: V8-012862.D
 Acq: 9 May 2026 8:22 pm

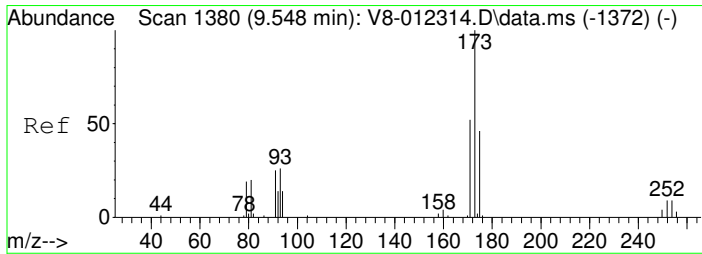
Tgt Ion:	119	Resp:	126640
Ion Ratio		Lower	Upper
119	100		
82	169.4	112.1	232.7
117	310.3	203.0	421.6
54	57.5	41.7	86.5



#60
 Toluene-d8 (SURR)
 Concen: 10.21 ppb
 RT: 7.120 min Scan# 981
 Delta R.T. 0.000 min
 Lab File: V8-012862.D
 Acq: 9 May 2026 8:22 pm

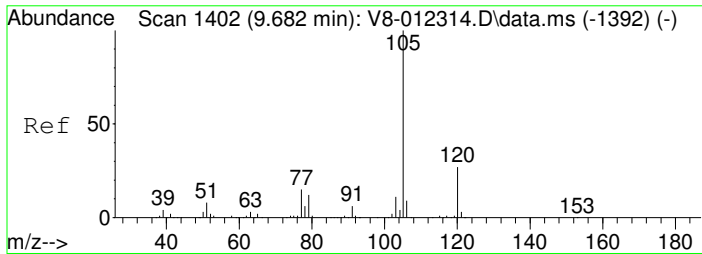
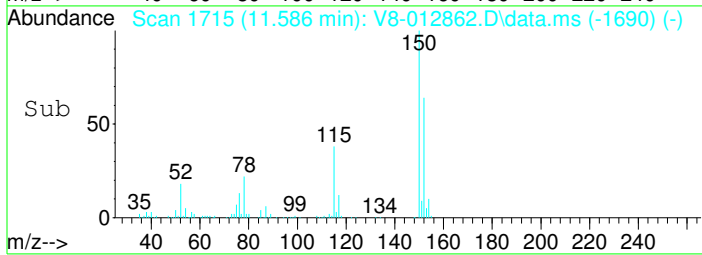
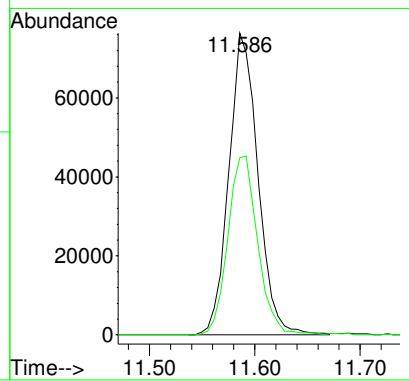
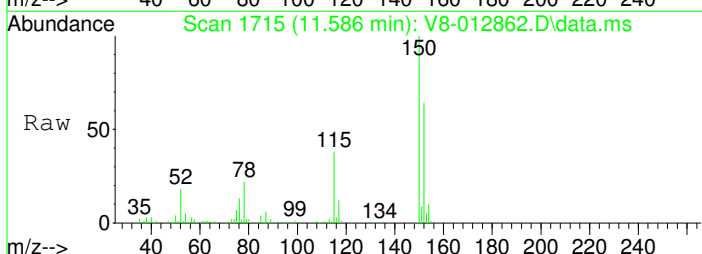
Tgt Ion:	98	Resp:	525059
Ion Ratio		Lower	Upper
98	100		
100	65.8	43.0	89.4





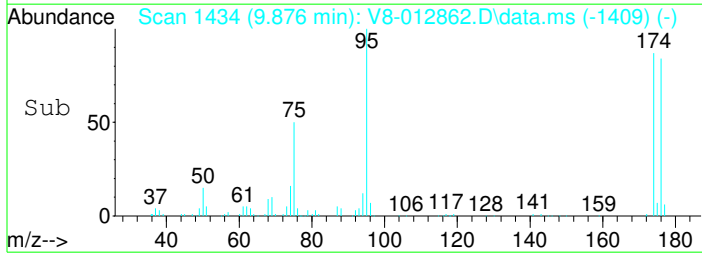
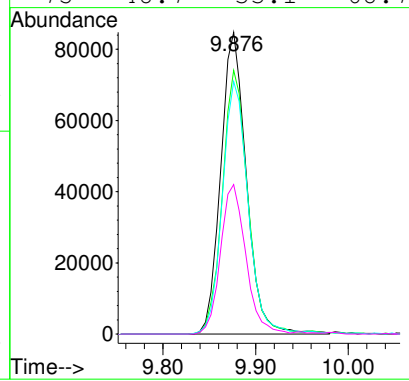
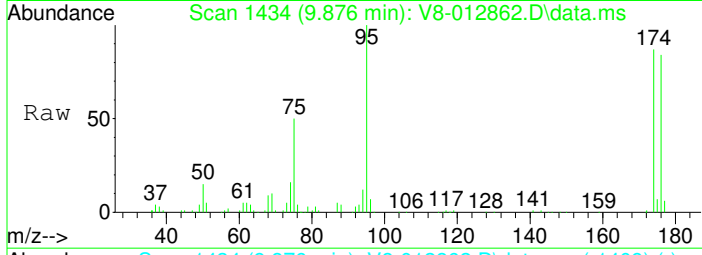
#80
 1,2-DICHLOROBENZENE-d4 (ISTD)
 Concen: 10.00 ppb
 RT: 11.586 min Scan# 1715
 Delta R.T. -0.000 min
 Lab File: V8-012862.D
 Acq: 9 May 2026 8:22 pm

Tgt Ion:	152	Resp:	147059
Ion Ratio	Lower	Upper	
152	100		
115	60.7	40.6	84.4



#82
 p-Bromofluorobenzene (SURRE)
 Concen: 10.40 ppb
 RT: 9.876 min Scan# 1434
 Delta R.T. 0.000 min
 Lab File: V8-012862.D
 Acq: 9 May 2026 8:22 pm

Tgt Ion:	95	Resp:	163241
Ion Ratio	Lower	Upper	
95	100		
174	86.2	54.0	112.2
176	84.3	50.2	104.2
75	48.7	33.1	68.7



Sample Information

Client Sample ID: MW-15 (20260505)			Sample ID: 26E0163-06		
Project (SDG) No.		Client Project ID		Matrix	Collection Date/Time
26E0163		230051 - 170 Freeman Street, Brooklyn		Ground Water	May 5, 2026 12:00 pm
			Date Received		
			05/05/2026		

Volatile Organic Compounds by GC/MS

Sample Prepared by Method: EPA 5030B

Results Reported to MDL

CAS No.	Parameter	Result	Lab Qualifier	CLP Flag	Units	RL	MDL	Dilution	Reference Method	Prepared	Analyzed Date	By
630-20-6	1,1,1,2-Tetrachloroethane	ND		U	ug/L	0.500	0.216	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
71-55-6	1,1,1-Trichloroethane	ND		U	ug/L	0.500	0.266	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
79-34-5	1,1,2,2-Tetrachloroethane	ND		U	ug/L	0.500	0.256	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	ug/L	0.500	0.286	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
79-00-5	1,1,2-Trichloroethane	ND		U	ug/L	0.500	0.249	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
75-34-3	1,1-Dichloroethane	ND		U	ug/L	0.500	0.272	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
75-35-4	1,1-Dichloroethylene	ND		U	ug/L	0.500	0.327	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
87-61-6	1,2,3-Trichlorobenzene	ND		U	ug/L	0.500	0.222	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
96-18-4	1,2,3-Trichloropropane	ND		U	ug/L	0.500	0.273	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
120-82-1	1,2,4-Trichlorobenzene	ND		U	ug/L	0.500	0.138	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
95-63-6	1,2,4-Trimethylbenzene	ND		U	ug/L	0.500	0.310	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
96-12-8	1,2-Dibromo-3-chloropropane	ND		U	ug/L	0.500	0.432	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
106-93-4	1,2-Dibromoethane	ND		U	ug/L	0.500	0.215	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
95-50-1	1,2-Dichlorobenzene	ND		U	ug/L	0.500	0.270	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
107-06-2	1,2-Dichloroethane	ND		U	ug/L	0.500	0.377	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
78-87-5	1,2-Dichloropropane	ND		U	ug/L	0.500	0.327	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
108-67-8	1,3,5-Trimethylbenzene	ND		U	ug/L	0.500	0.347	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
541-73-1	1,3-Dichlorobenzene	ND		U	ug/L	0.500	0.283	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
106-46-7	1,4-Dichlorobenzene	ND		U	ug/L	0.500	0.311	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
78-93-3	2-Butanone	ND		U	ug/L	0.500	0.421	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
591-78-6	2-Hexanone	ND		U	ug/L	0.500	0.320	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
108-10-1	4-Methyl-2-pentanone	ND		U	ug/L	0.500	0.365	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
67-64-1	Acetone	ND		U	ug/L	2.00	1.34	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
107-02-8	Acrolein	ND		U	ug/L	0.500	0.447	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
107-13-1	Acrylonitrile	ND		U	ug/L	0.500	0.422	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
71-43-2	Benzene	ND		U	ug/L	0.500	0.279	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
74-97-5	Bromochloromethane	ND		U	ug/L	0.500	0.354	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
75-27-4	Bromodichloromethane	ND		U	ug/L	0.500	0.245	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
75-25-2	Bromoform	ND		U	ug/L	0.500	0.163	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
74-83-9	Bromomethane	ND		U	ug/L	2.00	0.500	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
75-15-0	Carbon disulfide	ND		U	ug/L	0.500	0.362	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
56-23-5	Carbon tetrachloride	ND		U	ug/L	0.500	0.204	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
108-90-7	Chlorobenzene	ND		U	ug/L	0.500	0.284	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
75-00-3	Chloroethane	ND		U	ug/L	0.500	0.448	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
67-66-3	Chloroform	ND		U	ug/L	0.500	0.243	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD

Sample Information

Client Sample ID: MW-15 (20260505)			Sample ID: 26E0163-06		
Project (SDG) No.		Client Project ID		Matrix	Collection Date/Time
26E0163		230051 - 170 Freeman Street, Brooklyn		Ground Water	May 5, 2026 12:00 pm
			Date Received		
			05/05/2026		

Volatile Organic Compounds by GC/MS

Sample Prepared by Method: EPA 5030B				Results Reported to MDL								
CAS No.	Parameter	Result	Lab Qualifier	CLP Flag	Units	RL	MDL	Dilution	Reference Method	Prepared	Analyzed Date	By
74-87-3	Chloromethane	ND		U	ug/L	0.500	0.372	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
156-59-2	cis-1,2-Dichloroethylene	ND		U	ug/L	0.500	0.294	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
10061-01-5	cis-1,3-Dichloropropylene	ND		U	ug/L	0.500	0.262	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
110-82-7	Cyclohexane	ND		U	ug/L	0.500	0.491	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
124-48-1	Dibromochloromethane	ND		U	ug/L	0.500	0.146	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
74-95-3	Dibromomethane	ND		U	ug/L	0.500	0.203	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
75-71-8	Dichlorodifluoromethane	ND		U	ug/L	0.500	0.451	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
100-41-4	Ethyl Benzene	ND		U	ug/L	0.500	0.290	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
87-68-3	Hexachlorobutadiene	ND		U	ug/L	0.500	0.241	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
98-82-8	Isopropylbenzene	ND		U	ug/L	0.500	0.405	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
79-20-9	Methyl acetate	ND		U	ug/L	0.500	0.442	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		U	ug/L	0.500	0.244	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
108-87-2	Methylcyclohexane	ND		U	ug/L	0.500	0.477	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
75-09-2	Methylene chloride	ND		U	ug/L	2.00	0.397	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
104-51-8	n-Butylbenzene	ND		U	ug/L	0.500	0.399	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
103-65-1	n-Propylbenzene	ND		U	ug/L	0.500	0.384	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
95-47-6	o-Xylene	ND		U	ug/L	0.500	0.261	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
79601-23-1	p- & m- Xylenes	ND		U	ug/L	1.00	0.578	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
99-87-6	p-Isopropyltoluene	ND		U	ug/L	0.500	0.377	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
135-98-8	sec-Butylbenzene	ND		U	ug/L	0.500	0.444	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
100-42-5	Styrene	ND		U	ug/L	0.500	0.255	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
75-65-0	tert-Butyl alcohol (TBA)	ND		U	ug/L	1.00	0.608	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
98-06-6	tert-Butylbenzene	ND		U	ug/L	0.500	0.367	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
127-18-4	Tetrachloroethylene	ND	QL-02	U	ug/L	0.500	0.239	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
108-88-3	Toluene	ND		U	ug/L	0.500	0.346	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
156-60-5	trans-1,2-Dichloroethylene	ND		U	ug/L	0.500	0.279	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
10061-02-6	trans-1,3-Dichloropropylene	ND		U	ug/L	0.500	0.229	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
110-57-6	trans-1,4-dichloro-2-butene	ND	CCVE	U	ug/L	0.500	0.283	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
79-01-6	Trichloroethylene	ND		U	ug/L	0.500	0.249	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
75-69-4	Trichlorofluoromethane	ND		U	ug/L	0.500	0.337	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
75-01-4	Vinyl Chloride	ND		U	ug/L	0.500	0.469	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
1330-20-7	Xylenes, Total	ND		U	ug/L	1.50	0.839	1	EPA 8260D	5/9/26 7:00	5/ 9/26 20:54	THD
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	100 %				69-130						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	104 %				79-122						
2037-26-5	Surrogate: SURR: Toluene-d8	103 %				81-117						

Data Path : C:\msdchem\1\data\V8-05-09-26\
 Data File : V8-012863.D
 Acq On : 9 May 2026 8:54 pm
 Operator : THD
 InstName : VOA No. 8
 Sample : 26E0163-06 A
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 11 11:49:35 2026
 Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Fri May 08 12:52:12 2026
 Response via : Initial Calibration

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

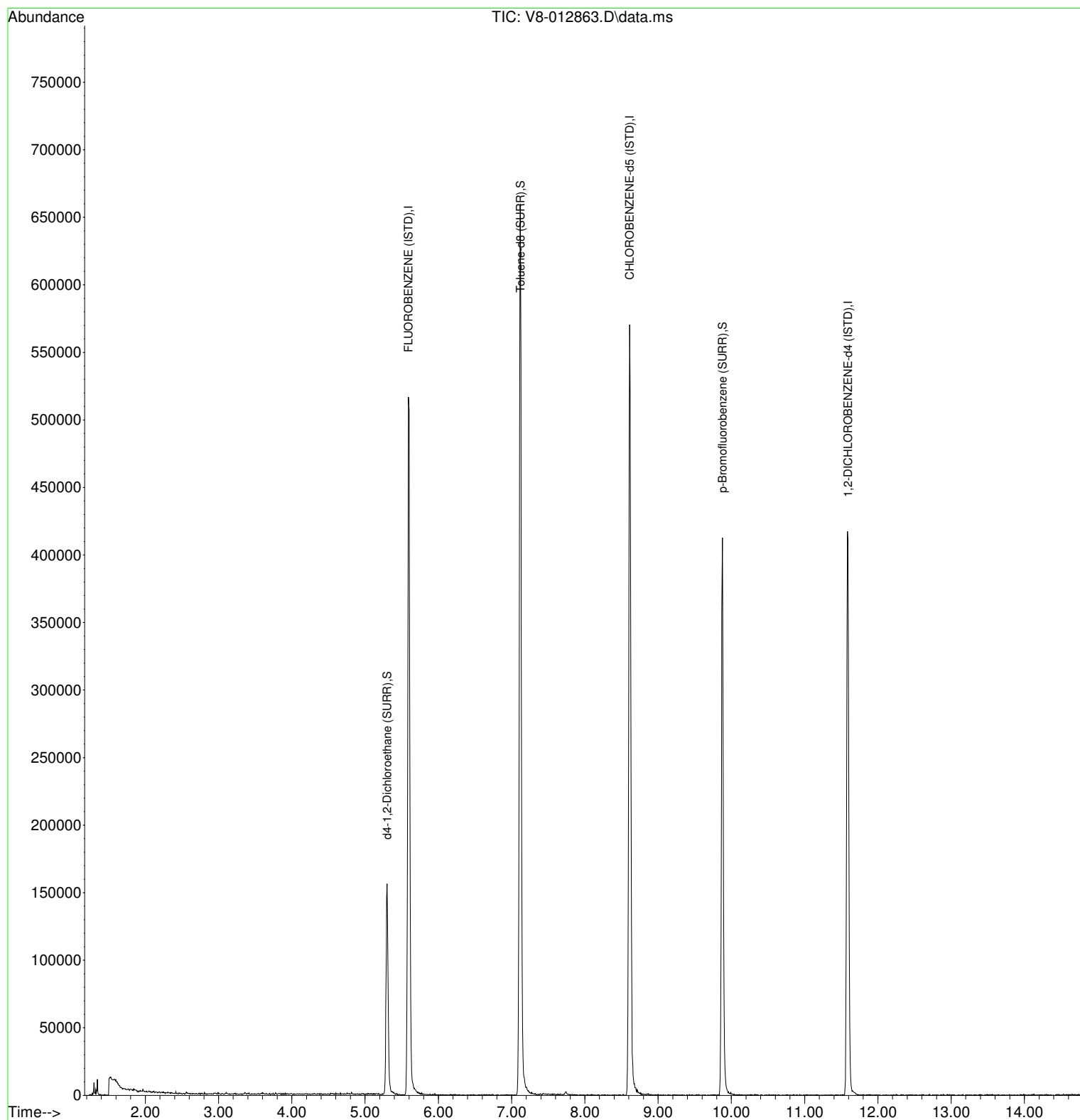
Internal Standards						
1) FLUOROBENZENE (ISTD)	5.593	50	49891	10.00	ppb	0.00
48) CHLOROBENZENE-d5 (ISTD)	8.611	119	125140	10.00	ppb	0.00
80) 1,2-DICHLOROBENZENE-d4...	11.592	152	143903	10.00	ppb	0.00
System Monitoring Compounds						
42) d4-1,2-Dichloroethane ...	5.301	65	113210	10.02	ppb	0.00
Spiked Amount 10.000	Range	69 - 130	Recovery	=	100.20%	
60) Toluene-d8 (SURR)	7.120	98	522637	10.29	ppb	0.00
Spiked Amount 10.000	Range	81 - 117	Recovery	=	102.90%	
82) p-Bromofluorobenzene (...)	9.876	95	159221	10.37	ppb	0.00
Spiked Amount 10.000	Range	79 - 122	Recovery	=	103.70%	

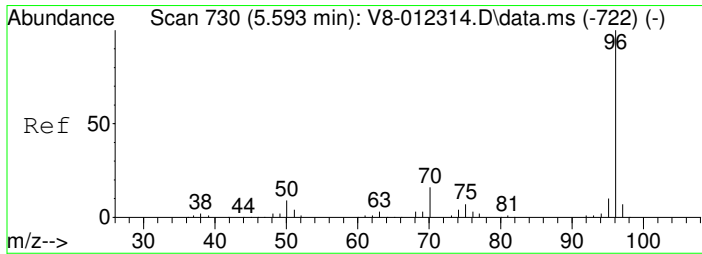
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\data\V8-05-09-26\
Data File : V8-012863.D
Acq On : 9 May 2026 8:54 pm
Operator : THD
InstName : VOA No. 8
Sample : 26E0163-06 A
Misc :
ALS Vial : 2 Sample Multiplier: 1

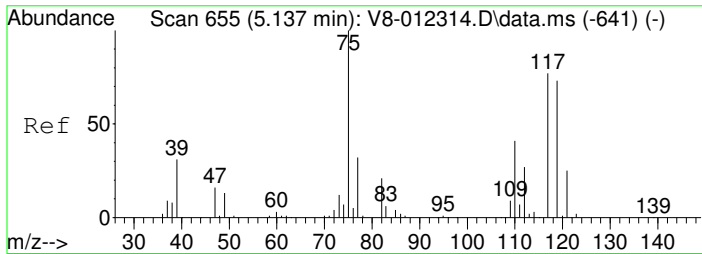
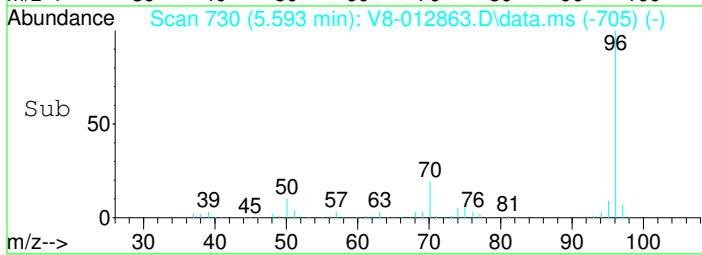
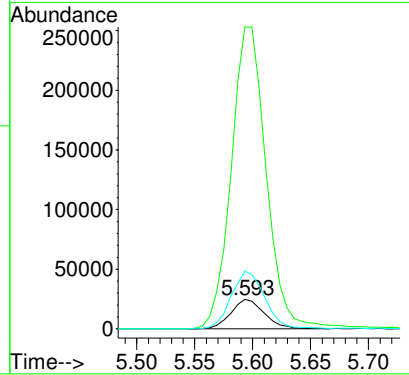
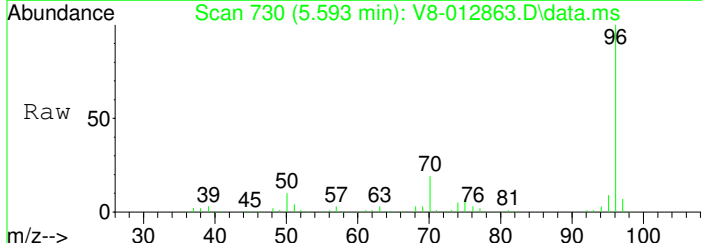
Quant Time: May 11 11:49:35 2026
Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Fri May 08 12:52:12 2026
Response via : Initial Calibration





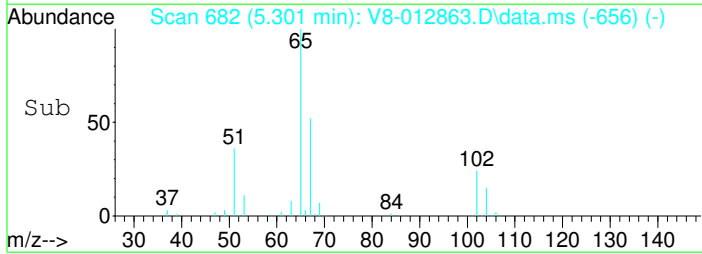
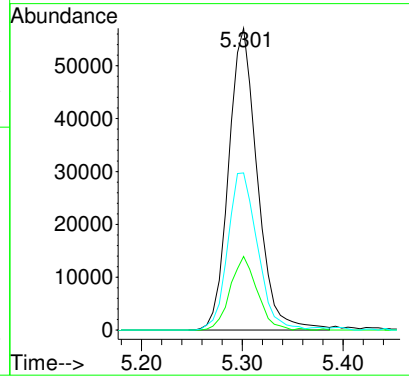
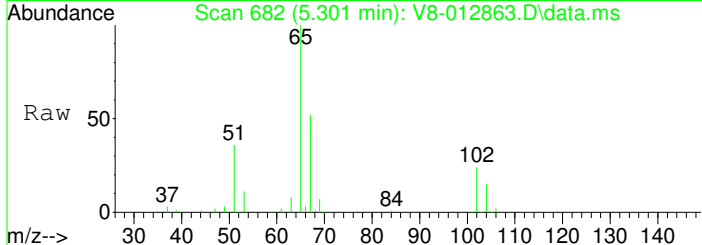
#1
 FLUOROBENZENE (ISTD)
 Concen: 10.00 ppb
 RT: 5.593 min Scan# 730
 Delta R.T. 0.000 min
 Lab File: V8-012863.D
 Acq: 9 May 2026 8:54 pm

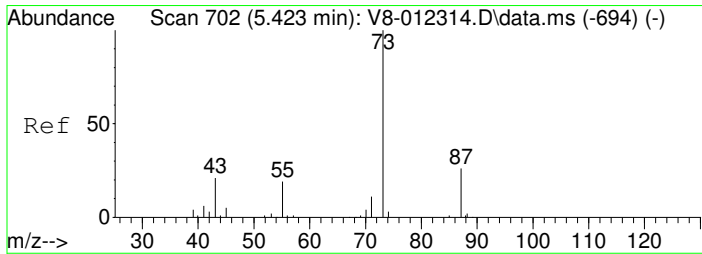
Tgt Ion:	50	Resp:	49891
Ion Ratio	Lower	Upper	
50	100		
96	1071.1	709.9	1474.3
70	195.9	137.5	285.7



#42
 d4-1,2-Dichloroethane (SURR)
 Concen: 10.02 ppb
 RT: 5.301 min Scan# 682
 Delta R.T. 0.006 min
 Lab File: V8-012863.D
 Acq: 9 May 2026 8:54 pm

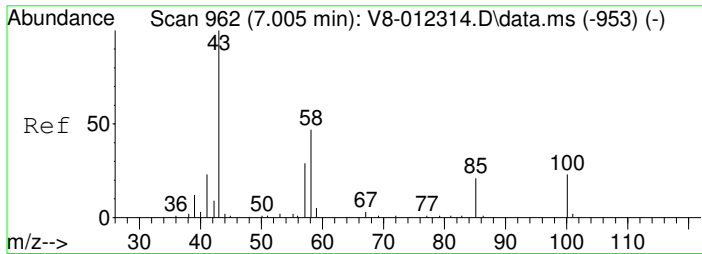
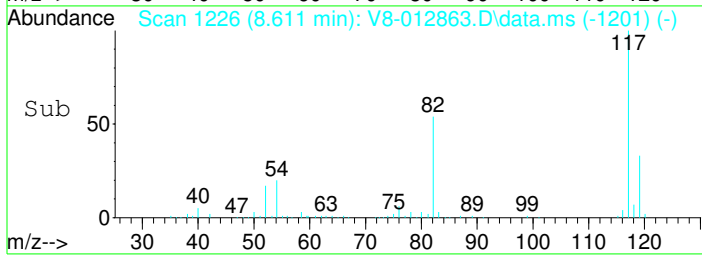
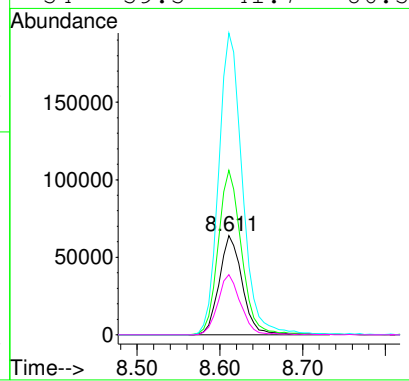
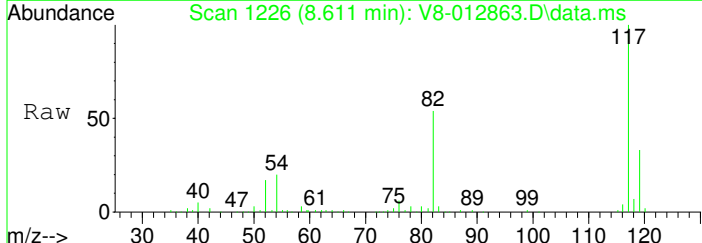
Tgt Ion:	65	Resp:	113210
Ion Ratio	Lower	Upper	
65	100		
102	23.1	15.3	31.9
67	54.1	36.3	75.3





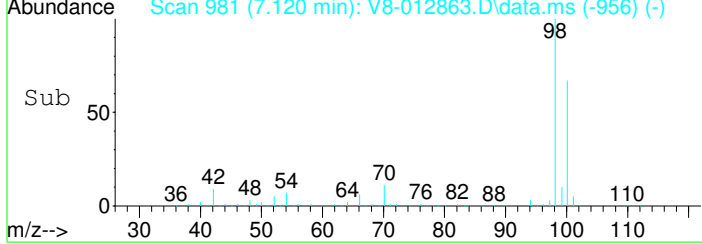
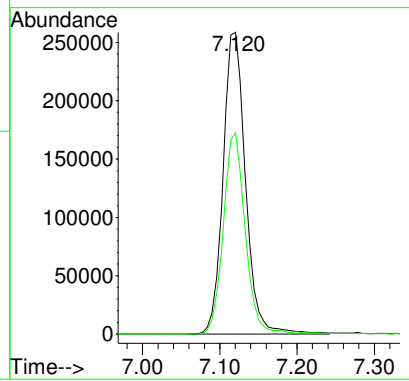
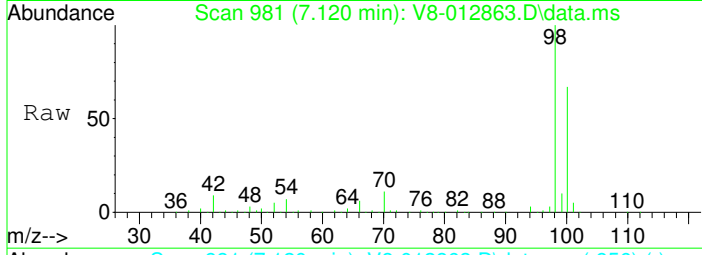
#48
 CHLOROBENZENE-d5 (ISTD)
 Concen: 10.00 ppb
 RT: 8.611 min Scan# 1226
 Delta R.T. -0.000 min
 Lab File: V8-012863.D
 Acq: 9 May 2026 8:54 pm

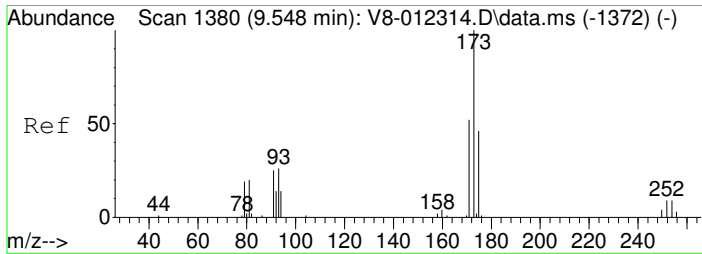
Tgt Ion:	119	Resp:	125140
Ion Ratio		Lower	Upper
119	100		
82	165.9	112.1	232.7
117	310.1	203.0	421.6
54	59.5	41.7	86.5



#60
 Toluene-d8 (SURR)
 Concen: 10.29 ppb
 RT: 7.120 min Scan# 981
 Delta R.T. 0.000 min
 Lab File: V8-012863.D
 Acq: 9 May 2026 8:54 pm

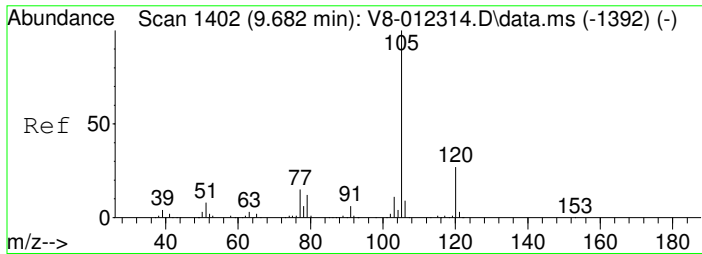
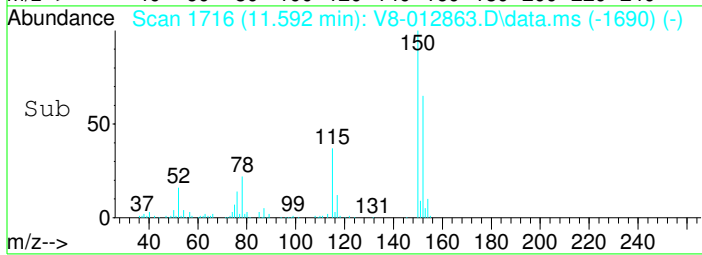
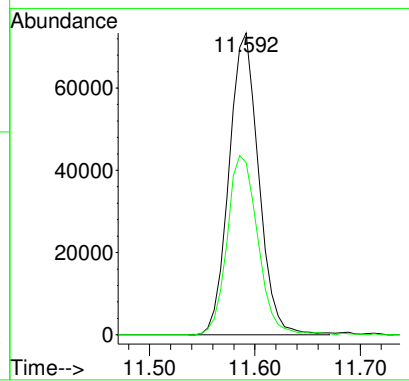
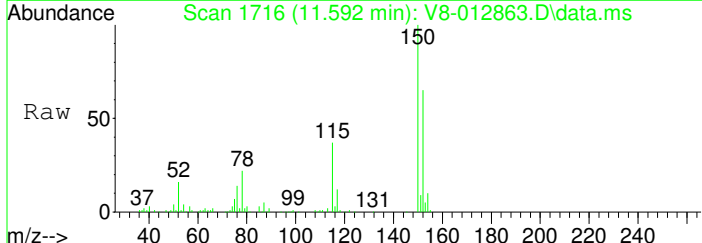
Tgt Ion:	98	Resp:	522637
Ion Ratio		Lower	Upper
98	100		
100	65.5	43.0	89.4





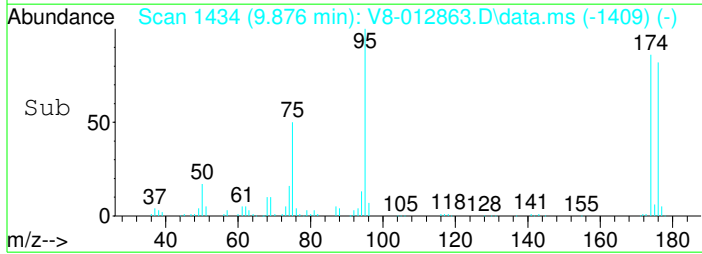
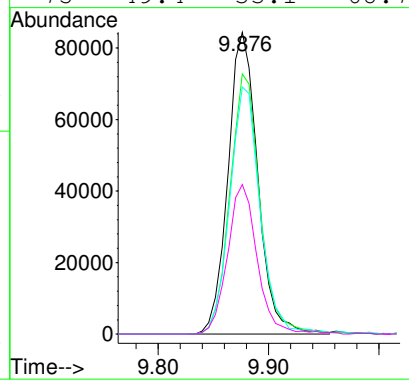
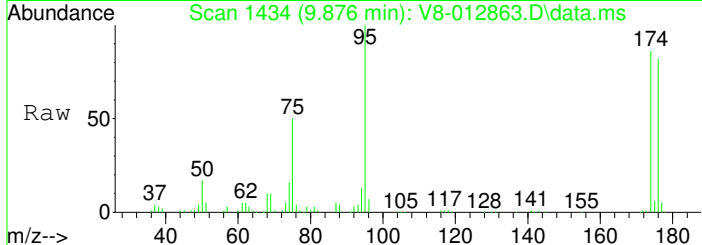
#80
 1,2-DICHLOROBENZENE-d4 (ISTD)
 Concen: 10.00 ppb
 RT: 11.592 min Scan# 1716
 Delta R.T. 0.006 min
 Lab File: V8-012863.D
 Acq: 9 May 2026 8:54 pm

Tgt Ion:	152	Resp:	143903
Ion Ratio	Lower	Upper	
152	100		
115	61.4	40.6	84.4



#82
 p-Bromofluorobenzene (SURRE)
 Concen: 10.37 ppb
 RT: 9.876 min Scan# 1434
 Delta R.T. 0.000 min
 Lab File: V8-012863.D
 Acq: 9 May 2026 8:54 pm

Tgt Ion:	95	Resp:	159221
Ion Ratio	Lower	Upper	
95	100		
174	87.1	54.0	112.2
176	83.4	50.2	104.2
75	49.4	33.1	68.7



Sample Information

Client Sample ID: FB (20260505)			Sample ID: 26E0163-07	
Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26E0163	230051 - 170 Freeman Street, Brooklyn	Ground Water	May 5, 2026 12:05 pm	05/05/2026

Volatile Organic Compounds by GC/MS

Sample Prepared by Method: EPA 5030B

Results Reported to MDL

CAS No.	Parameter	Result	Lab Qualifier	CLP Flag	Units	RL	MDL	Dilution	Reference Method	Prepared	Analyzed Date	By
630-20-6	1,1,1,2-Tetrachloroethane	ND		U	ug/L	0.500	0.216	1	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
71-55-6	1,1,1-Trichloroethane	ND		U	ug/L	0.500	0.266	1	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
79-34-5	1,1,2,2-Tetrachloroethane	ND		U	ug/L	0.500	0.256	1	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	ug/L	0.500	0.286	1	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
79-00-5	1,1,2-Trichloroethane	ND		U	ug/L	0.500	0.249	1	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
75-34-3	1,1-Dichloroethane	ND		U	ug/L	0.500	0.272	1	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
75-35-4	1,1-Dichloroethylene	ND		U	ug/L	0.500	0.327	1	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
87-61-6	1,2,3-Trichlorobenzene	ND		U	ug/L	0.500	0.222	1	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
96-18-4	1,2,3-Trichloropropane	ND		U	ug/L	0.500	0.273	1	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
120-82-1	1,2,4-Trichlorobenzene	ND		U	ug/L	0.500	0.138	1	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
95-63-6	1,2,4-Trimethylbenzene	ND		U	ug/L	0.500	0.310	1	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
96-12-8	1,2-Dibromo-3-chloropropane	ND		U	ug/L	0.500	0.432	1	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
106-93-4	1,2-Dibromoethane	ND		U	ug/L	0.500	0.215	1	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
95-50-1	1,2-Dichlorobenzene	ND		U	ug/L	0.500	0.270	1	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
107-06-2	1,2-Dichloroethane	ND		U	ug/L	0.500	0.377	1	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
78-87-5	1,2-Dichloropropane	ND		U	ug/L	0.500	0.327	1	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
108-67-8	1,3,5-Trimethylbenzene	ND		U	ug/L	0.500	0.347	1	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
541-73-1	1,3-Dichlorobenzene	ND		U	ug/L	0.500	0.283	1	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
106-46-7	1,4-Dichlorobenzene	ND		U	ug/L	0.500	0.311	1	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
78-93-3	2-Butanone	ND		U	ug/L	0.500	0.421	1	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
591-78-6	2-Hexanone	ND		U	ug/L	0.500	0.320	1	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
108-10-1	4-Methyl-2-pentanone	ND		U	ug/L	0.500	0.365	1	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
67-64-1	Acetone	ND		U	ug/L	2.00	1.34	1	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
107-02-8	Acrolein	ND		U	ug/L	0.500	0.447	1	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
107-13-1	Acrylonitrile	ND		U	ug/L	0.500	0.422	1	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
71-43-2	Benzene	ND		U	ug/L	0.500	0.279	1	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
74-97-5	Bromochloromethane	ND		U	ug/L	0.500	0.354	1	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
75-27-4	Bromodichloromethane	ND		U	ug/L	0.500	0.245	1	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
75-25-2	Bromoform	ND		U	ug/L	0.500	0.163	1	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
74-83-9	Bromomethane	ND		U	ug/L	2.00	0.500	1	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
75-15-0	Carbon disulfide	ND		U	ug/L	0.500	0.362	1	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
56-23-5	Carbon tetrachloride	ND		U	ug/L	0.500	0.204	1	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
108-90-7	Chlorobenzene	ND		U	ug/L	0.500	0.284	1	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
75-00-3	Chloroethane	ND		U	ug/L	0.500	0.448	1	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
67-66-3	Chloroform	20.6			ug/L	0.500	0.243	1	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD

Sample Information

Client Sample ID: FB (20260505)			Sample ID: 26E0163-07		
Project (SDG) No.		Client Project ID		Matrix	Collection Date/Time
26E0163		230051 - 170 Freeman Street, Brooklyn		Ground Water	May 5, 2026 12:05 pm
			Date Received		
			05/05/2026		

Volatile Organic Compounds by GC/MS

Sample Prepared by Method: EPA 5030B			Results Reported to MDL									
CAS No.	Parameter	Result	Lab Qualifier	CLP Flag	Units	RL	MDL	Dilution	Reference Method	Prepared	Analyzed Date	By
74-87-3	Chloromethane	ND		U	ug/L	0.500	0.372	1	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
156-59-2	cis-1,2-Dichloroethylene	ND		U	ug/L	0.500	0.294	1	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
10061-01-5	cis-1,3-Dichloropropylene	ND		U	ug/L	0.500	0.262	1	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
110-82-7	Cyclohexane	ND		U	ug/L	0.500	0.491	1	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
124-48-1	Dibromochloromethane	ND		U	ug/L	0.500	0.146	1	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
74-95-3	Dibromomethane	ND		U	ug/L	0.500	0.203	1	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
75-71-8	Dichlorodifluoromethane	ND		U	ug/L	0.500	0.451	1	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
100-41-4	Ethyl Benzene	ND		U	ug/L	0.500	0.290	1	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
87-68-3	Hexachlorobutadiene	ND		U	ug/L	0.500	0.241	1	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
98-82-8	Isopropylbenzene	ND		U	ug/L	0.500	0.405	1	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
79-20-9	Methyl acetate	ND		U	ug/L	0.500	0.442	1	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		U	ug/L	0.500	0.244	1	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
108-87-2	Methylcyclohexane	ND		U	ug/L	0.500	0.477	1	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
75-09-2	Methylene chloride	ND		U	ug/L	2.00	0.397	1	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
104-51-8	n-Butylbenzene	ND		U	ug/L	0.500	0.399	1	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
103-65-1	n-Propylbenzene	ND		U	ug/L	0.500	0.384	1	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
95-47-6	o-Xylene	ND		U	ug/L	0.500	0.261	1	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
179601-23-1	p- & m- Xylenes	ND		U	ug/L	1.00	0.578	1	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
99-87-6	p-Isopropyltoluene	ND		U	ug/L	0.500	0.377	1	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
135-98-8	sec-Butylbenzene	ND		U	ug/L	0.500	0.444	1	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
100-42-5	Styrene	ND		U	ug/L	0.500	0.255	1	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
75-65-0	tert-Butyl alcohol (TBA)	ND		U	ug/L	1.00	0.608	1	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
98-06-6	tert-Butylbenzene	ND		U	ug/L	0.500	0.367	1	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
127-18-4	Tetrachloroethylene	ND	QL-02	U	ug/L	0.500	0.239	1	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
108-88-3	Toluene	ND		U	ug/L	0.500	0.346	1	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
156-60-5	trans-1,2-Dichloroethylene	ND		U	ug/L	0.500	0.279	1	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
10061-02-6	trans-1,3-Dichloropropylene	ND		U	ug/L	0.500	0.229	1	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
110-57-6	trans-1,4-dichloro-2-butene	ND	CCVE	U	ug/L	0.500	0.283	1	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
79-01-6	Trichloroethylene	ND		U	ug/L	0.500	0.249	1	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
75-69-4	Trichlorofluoromethane	ND		U	ug/L	0.500	0.337	1	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
75-01-4	Vinyl Chloride	ND		U	ug/L	0.500	0.469	1	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
1330-20-7	Xylenes, Total	ND		U	ug/L	1.50	0.839	1	EPA 8260D	5/9/26 7:00	5/ 9/26 17:09	THD
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	97.5 %				69-130						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	107 %				79-122						
2037-26-5	Surrogate: SURR: Toluene-d8	104 %				81-117						

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 Data File : V8-012856.D
 Acq On : 9 May 2026 5:09 pm
 Operator : THD
 InstName : VOA No. 8
 Sample : 26E0163-07 A
 Misc :
 ALS Vial : 95 Sample Multiplier: 1

Quant Time: May 11 11:40:36 2026
 Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Fri May 08 12:52:12 2026
 Response via : Initial Calibration

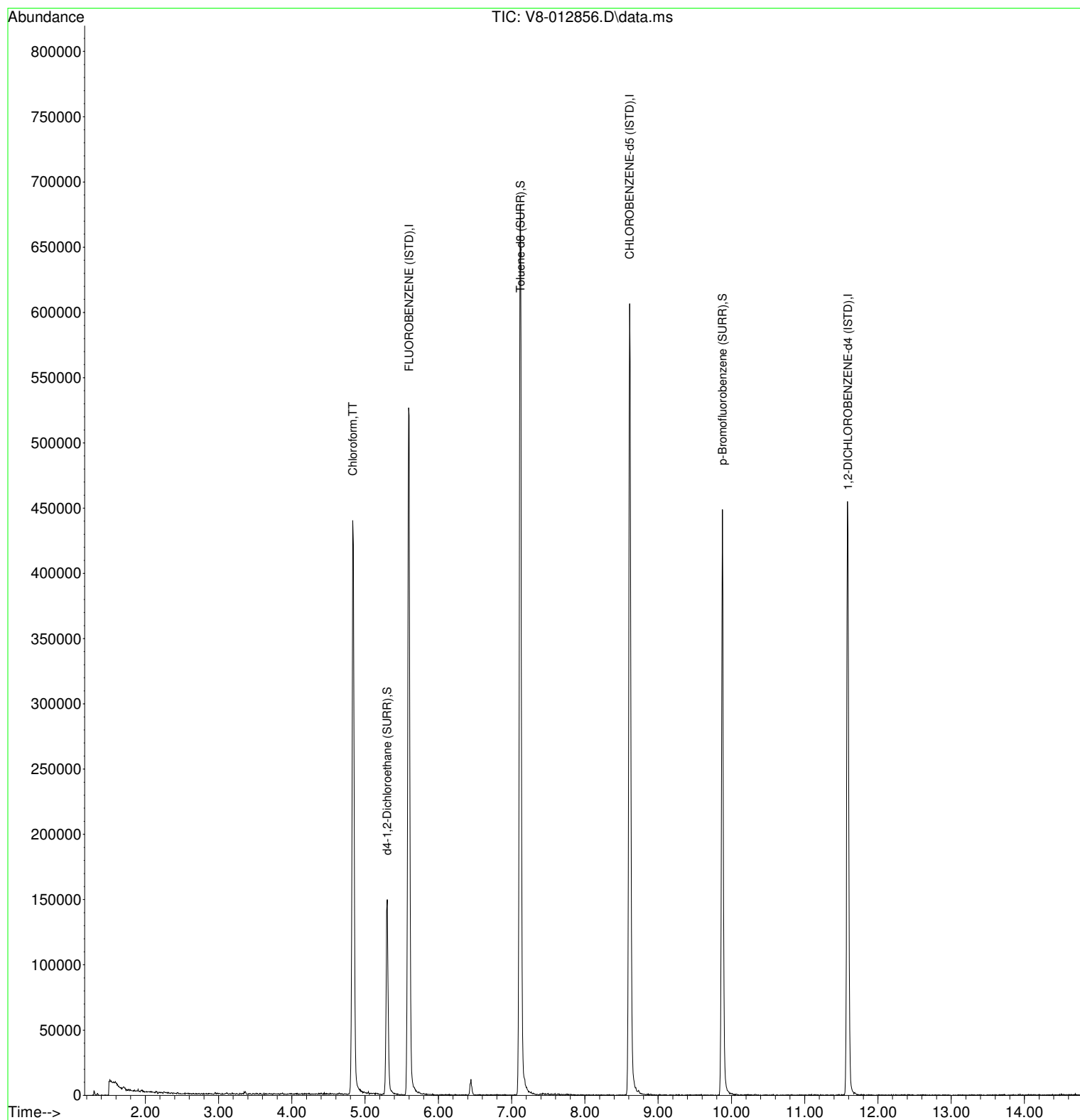
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

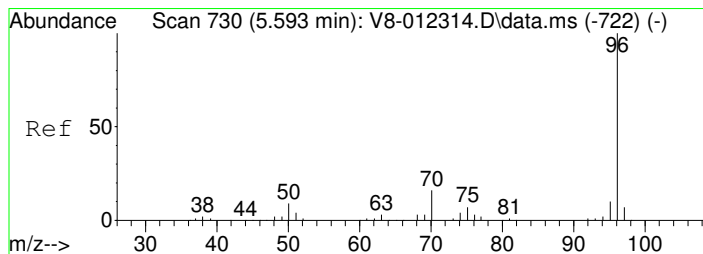
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1) FLUOROBENZENE (ISTD)	5.599	50	50071	10.00	ppb	0.00
48) CHLOROBENZENE-d5 (ISTD)	8.611	119	129346	10.00	ppb	0.00
80) 1,2-DICHLOROBENZENE-d4...	11.592	152	149633	10.00	ppb	0.00
System Monitoring Compounds						
42) d4-1,2-Dichloroethane ...	5.301	65	110552	9.75	ppb	0.00
Spiked Amount 10.000	Range	69 - 130	Recovery	=	97.50%	
60) Toluene-d8 (SURR)	7.120	98	547880	10.43	ppb	0.00
Spiked Amount 10.000	Range	81 - 117	Recovery	=	104.30%	
82) p-Bromofluorobenzene (...)	9.876	95	171088	10.72	ppb	0.00
Spiked Amount 10.000	Range	79 - 122	Recovery	=	107.20%	
Target Compounds						
38) Chloroform	4.833	83	391523	20.55	ppb	Qvalue 98

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

Data Path : C:\msdchem\1\data\V8-05-09-26\
Data File : V8-012856.D
Acq On : 9 May 2026 5:09 pm
Operator : THD
InstName : VOA No. 8
Sample : 26E0163-07 A
Misc :
ALS Vial : 95 Sample Multiplier: 1

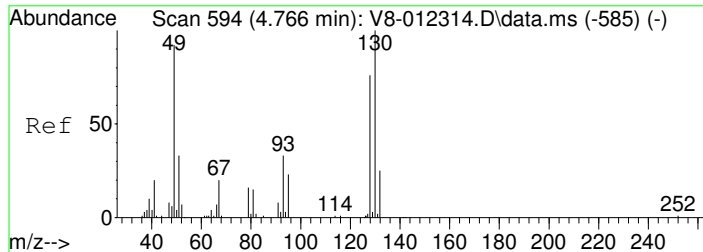
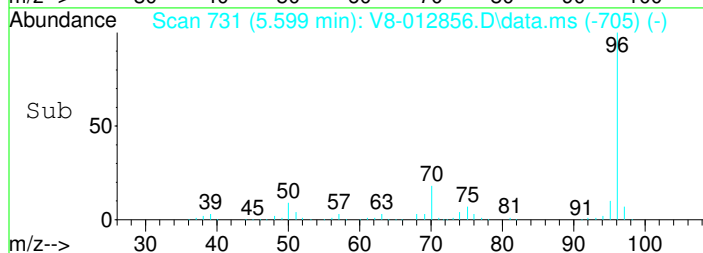
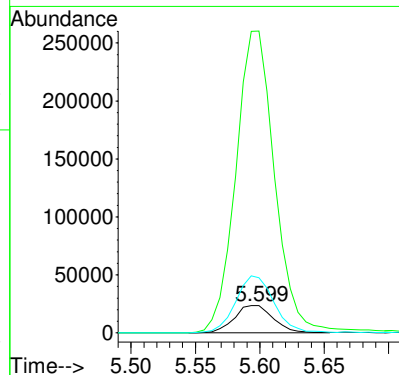
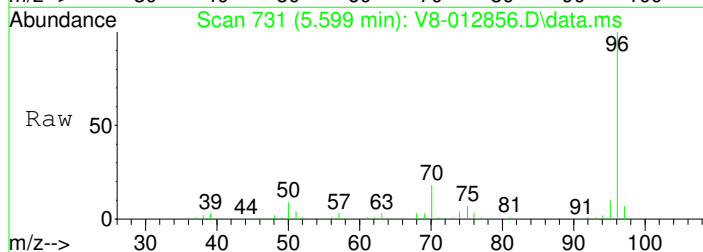
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QLast Update : Fri May 08 12:52:12 2026
Response via : Initial Calibration





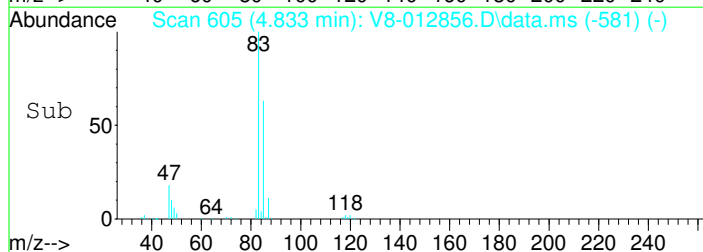
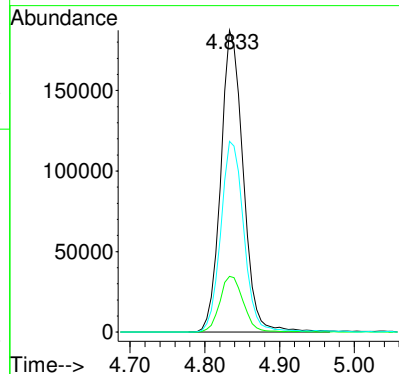
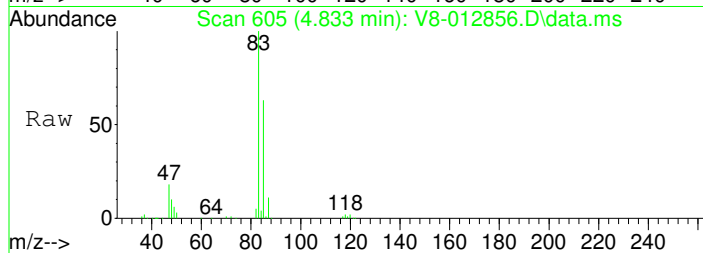
#1
 FLUOROBENZENE (ISTD)
 Concen: 10.00 ppb
 RT: 5.599 min Scan# 731
 Delta R.T. 0.006 min
 Lab File: V8-012856.D
 Acq: 9 May 2026 5:09 pm

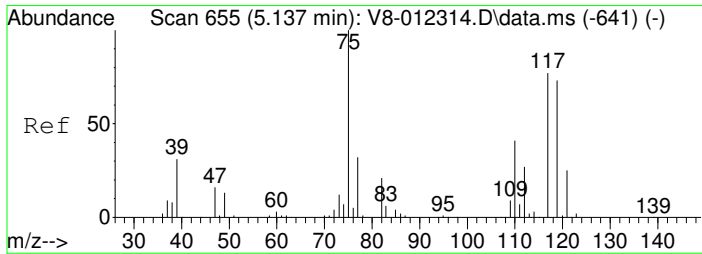
Tgt Ion	50	96	70
Resp	50071	1102.9	203.8
Ratio	100	709.9	137.5
Lower		1474.3	285.7
Upper			



#38
 Chloroform
 Concen: 20.55 ppb
 RT: 4.833 min Scan# 605
 Delta R.T. -0.006 min
 Lab File: V8-012856.D
 Acq: 9 May 2026 5:09 pm

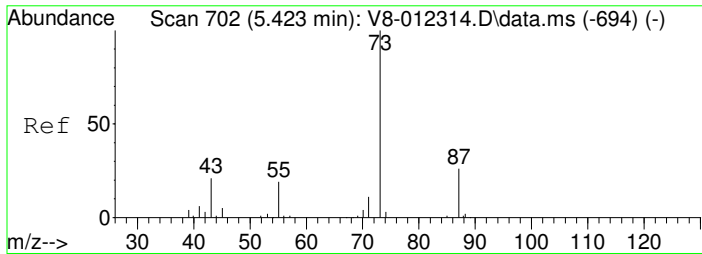
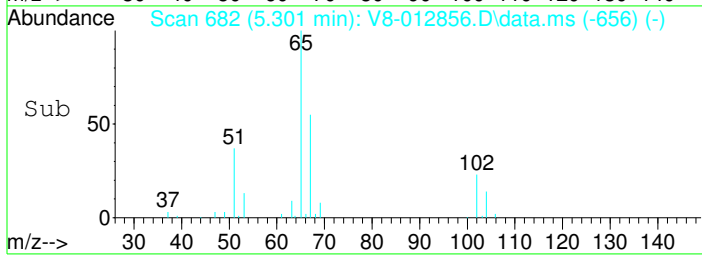
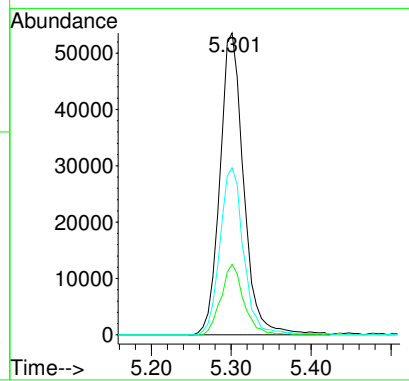
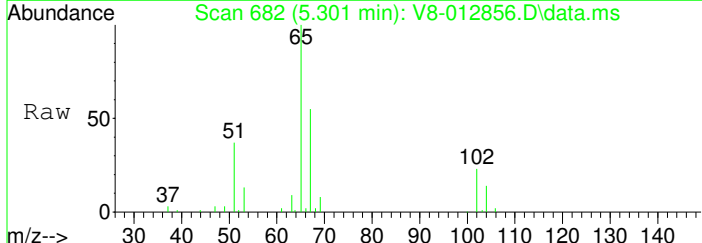
Tgt Ion	83	47	85
Resp	391523	19.3	64.9
Ratio	100	11.7	42.9
Lower		24.3	89.1
Upper			





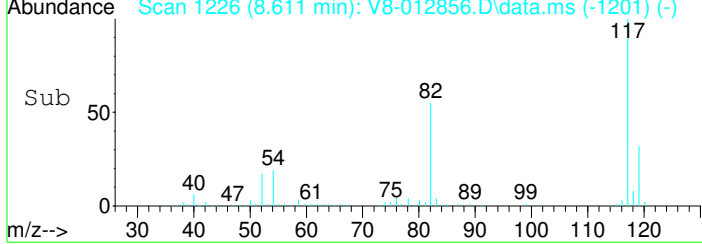
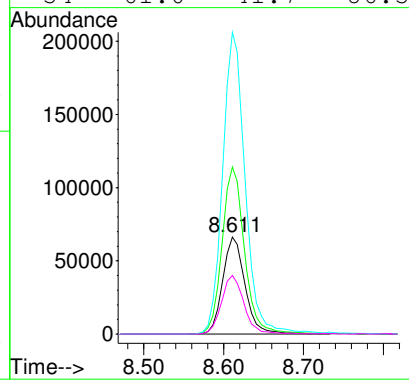
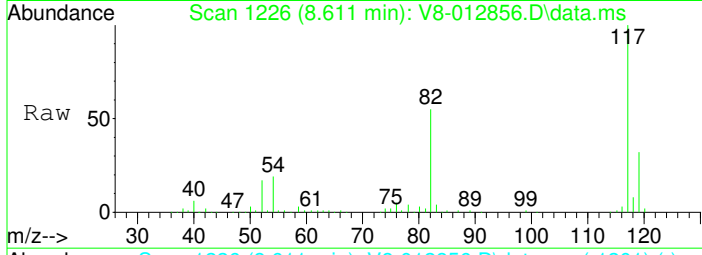
#42
d4-1,2-Dichloroethane (SURR)
Concen: 9.75 ppb
RT: 5.301 min Scan# 682
Delta R.T. 0.006 min
Lab File: V8-012856.D
Acq: 9 May 2026 5:09 pm

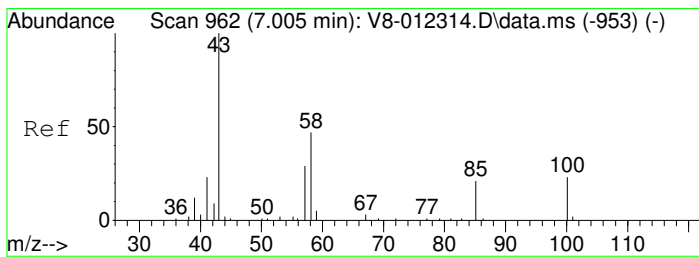
Tgt Ion:	65	Resp:	110552
Ion Ratio		Lower	Upper
65	100		
102	22.2	15.3	31.9
67	55.0	36.3	75.3



#48
CHLOROBENZENE-d5 (ISTD)
Concen: 10.00 ppb
RT: 8.611 min Scan# 1226
Delta R.T. -0.000 min
Lab File: V8-012856.D
Acq: 9 May 2026 5:09 pm

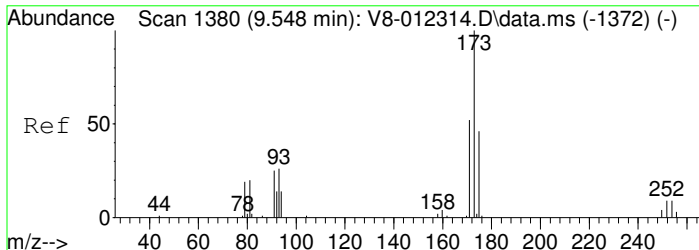
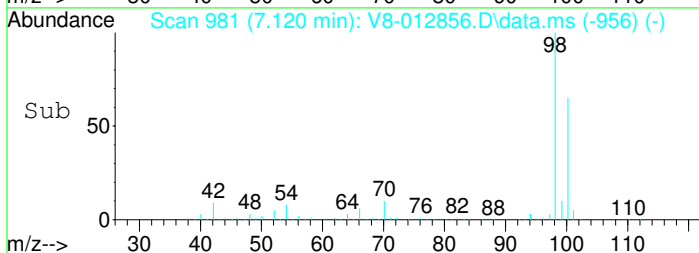
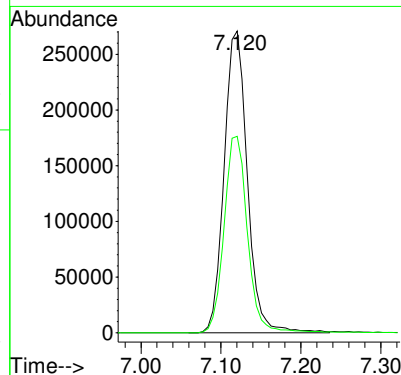
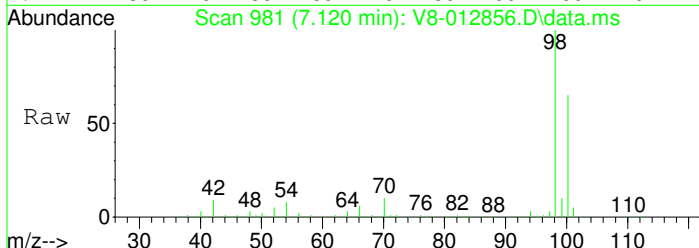
Tgt Ion:	119	Resp:	129346
Ion Ratio		Lower	Upper
119	100		
82	172.1	112.1	232.7
117	311.5	203.0	421.6
54	61.0	41.7	86.5





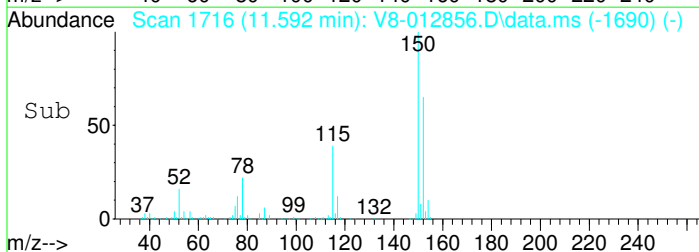
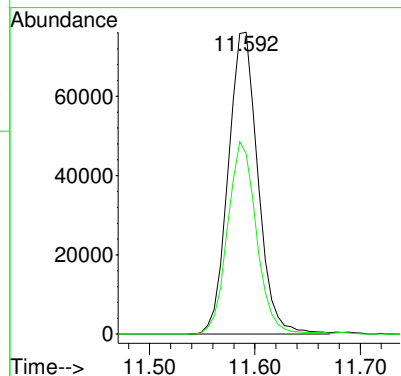
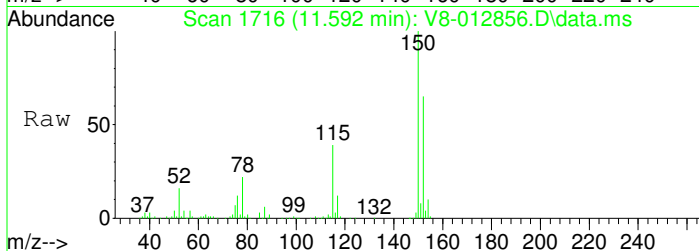
#60
Toluene-d8 (SURR)
Concen: 10.43 ppb
RT: 7.120 min Scan# 981
Delta R.T. 0.000 min
Lab File: V8-012856.D
Acq: 9 May 2026 5:09 pm

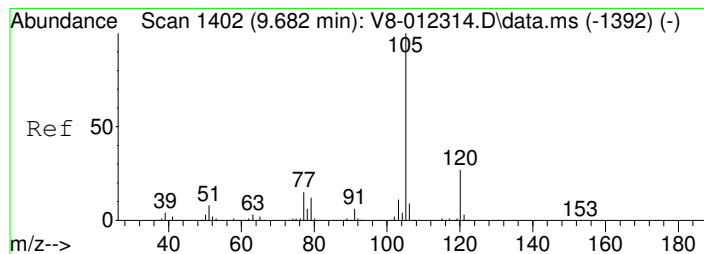
Tgt Ion: 98 Resp: 547880
Ion Ratio Lower Upper
98 100
100 65.6 43.0 89.4



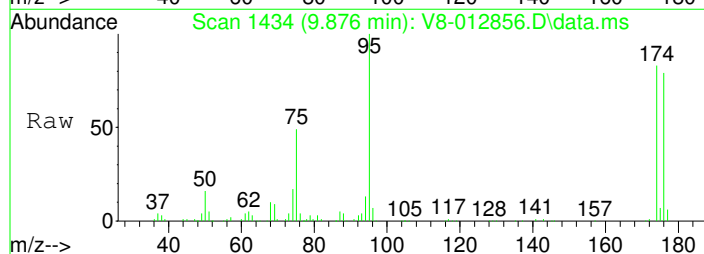
#80
1,2-DICHLOROBENZENE-d4 (ISTD)
Concen: 10.00 ppb
RT: 11.592 min Scan# 1716
Delta R.T. 0.006 min
Lab File: V8-012856.D
Acq: 9 May 2026 5:09 pm

Tgt Ion: 152 Resp: 149633
Ion Ratio Lower Upper
152 100
115 61.7 40.6 84.4

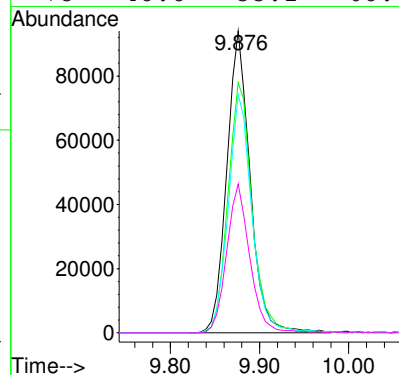
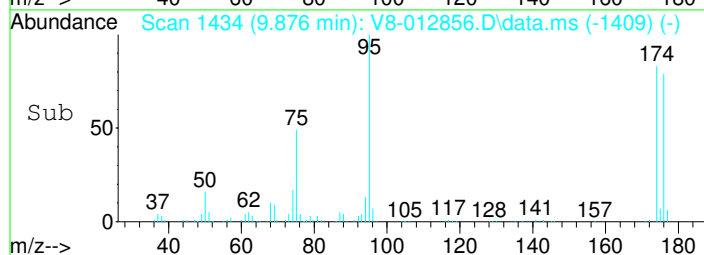




#82
 p-Bromofluorobenzene (SURR)
 Concen: 10.72 ppb
 RT: 9.876 min Scan# 1434
 Delta R.T. 0.000 min
 Lab File: V8-012856.D
 Acq: 9 May 2026 5:09 pm



Tgt Ion:	95	Resp:	171088
Ion Ratio	Lower	Upper	
95	100		
174	86.0	54.0	112.2
176	80.0	50.2	104.2
75	48.8	33.1	68.7



Sample Information

Client Sample ID: TB (20260505)			Sample ID: 26E0163-08	
Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26E0163	230051 - 170 Freeman Street, Brooklyn	Ground Water	May 5, 2026 12:05 pm	05/05/2026

Volatile Organic Compounds by GC/MS

Sample Prepared by Method: EPA 5030B			Results Reported to MDL									
CAS No.	Parameter	Result	Lab Qualifier	CLP Flag	Units	RL	MDL	Dilution	Reference Method	Prepared	Analyzed Date	By
630-20-6	1,1,1,2-Tetrachloroethane	ND		U	ug/L	0.500	0.216	1	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
71-55-6	1,1,1-Trichloroethane	ND		U	ug/L	0.500	0.266	1	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
79-34-5	1,1,2,2-Tetrachloroethane	ND		U	ug/L	0.500	0.256	1	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		U	ug/L	0.500	0.286	1	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
79-00-5	1,1,2-Trichloroethane	ND		U	ug/L	0.500	0.249	1	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
75-34-3	1,1-Dichloroethane	ND		U	ug/L	0.500	0.272	1	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
75-35-4	1,1-Dichloroethylene	ND		U	ug/L	0.500	0.327	1	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE	U	ug/L	0.500	0.222	1	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
96-18-4	1,2,3-Trichloropropane	ND		U	ug/L	0.500	0.273	1	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	U	ug/L	0.500	0.138	1	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
95-63-6	1,2,4-Trimethylbenzene	ND		U	ug/L	0.500	0.310	1	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
96-12-8	1,2-Dibromo-3-chloropropane	ND		U	ug/L	0.500	0.432	1	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
106-93-4	1,2-Dibromoethane	ND		U	ug/L	0.500	0.215	1	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
95-50-1	1,2-Dichlorobenzene	ND		U	ug/L	0.500	0.270	1	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
107-06-2	1,2-Dichloroethane	ND		U	ug/L	0.500	0.377	1	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
78-87-5	1,2-Dichloropropane	ND		U	ug/L	0.500	0.327	1	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
108-67-8	1,3,5-Trimethylbenzene	ND		U	ug/L	0.500	0.347	1	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
541-73-1	1,3-Dichlorobenzene	ND		U	ug/L	0.500	0.283	1	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
106-46-7	1,4-Dichlorobenzene	ND		U	ug/L	0.500	0.311	1	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
78-93-3	2-Butanone	ND		U	ug/L	0.500	0.421	1	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
591-78-6	2-Hexanone	ND		U	ug/L	0.500	0.320	1	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
108-10-1	4-Methyl-2-pentanone	ND		U	ug/L	0.500	0.365	1	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
67-64-1	Acetone	3.11			ug/L	2.00	1.34	1	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
107-02-8	Acrolein	ND	CCVE, ICVE	U	ug/L	0.500	0.447	1	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
107-13-1	Acrylonitrile	ND		U	ug/L	0.500	0.422	1	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
71-43-2	Benzene	ND		U	ug/L	0.500	0.279	1	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
74-97-5	Bromochloromethane	ND		U	ug/L	0.500	0.354	1	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
75-27-4	Bromodichloromethane	ND		U	ug/L	0.500	0.245	1	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
75-25-2	Bromoform	ND		U	ug/L	0.500	0.163	1	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
74-83-9	Bromomethane	ND	CCVE	U	ug/L	2.00	0.500	1	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
75-15-0	Carbon disulfide	ND		U	ug/L	0.500	0.362	1	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
56-23-5	Carbon tetrachloride	ND		U	ug/L	0.500	0.204	1	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
108-90-7	Chlorobenzene	ND		U	ug/L	0.500	0.284	1	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
75-00-3	Chloroethane	ND		U	ug/L	0.500	0.448	1	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD

Sample Information

Client Sample ID: TB (20260505)

Sample ID: 26E0163-08

Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
26E0163	230051 - 170 Freeman Street, Brooklyn	Ground Water	May 5, 2026 12:05 pm	05/05/2026

Volatile Organic Compounds by GC/MS

Sample Prepared by Method: EPA 5030B

Results Reported to MDL

CAS No.	Parameter	Result	Lab Qualifier	CLP Flag	Units	RL	MDL	Dilution	Reference Method	Prepared	Analyzed Date	By
67-66-3	Chloroform	ND		U	ug/L	0.500	0.243	1	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
74-87-3	Chloromethane	ND		U	ug/L	0.500	0.372	1	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
156-59-2	cis-1,2-Dichloroethylene	ND		U	ug/L	0.500	0.294	1	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
10061-01-5	cis-1,3-Dichloropropylene	ND		U	ug/L	0.500	0.262	1	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
110-82-7	Cyclohexane	ND		U	ug/L	0.500	0.491	1	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
124-48-1	Dibromochloromethane	ND		U	ug/L	0.500	0.146	1	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
74-95-3	Dibromomethane	ND		U	ug/L	0.500	0.203	1	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
75-71-8	Dichlorodifluoromethane	ND		U	ug/L	0.500	0.451	1	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
100-41-4	Ethyl Benzene	ND		U	ug/L	0.500	0.290	1	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
87-68-3	Hexachlorobutadiene	ND	CCVE	U	ug/L	0.500	0.241	1	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
98-82-8	Isopropylbenzene	ND		U	ug/L	0.500	0.405	1	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
79-20-9	Methyl acetate	ND		U	ug/L	0.500	0.442	1	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		U	ug/L	0.500	0.244	1	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
108-87-2	Methylcyclohexane	ND		U	ug/L	0.500	0.477	1	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
75-09-2	Methylene chloride	ND		U	ug/L	2.00	0.397	1	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
104-51-8	n-Butylbenzene	ND		U	ug/L	0.500	0.399	1	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
103-65-1	n-Propylbenzene	ND		U	ug/L	0.500	0.384	1	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
95-47-6	o-Xylene	ND		U	ug/L	0.500	0.261	1	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
179601-23-1	p- & m- Xylenes	ND		U	ug/L	1.00	0.578	1	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
99-87-6	p-Isopropyltoluene	ND		U	ug/L	0.500	0.377	1	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
135-98-8	sec-Butylbenzene	ND		U	ug/L	0.500	0.444	1	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
100-42-5	Styrene	ND		U	ug/L	0.500	0.255	1	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
75-65-0	tert-Butyl alcohol (TBA)	ND		U	ug/L	1.00	0.608	1	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
98-06-6	tert-Butylbenzene	ND		U	ug/L	0.500	0.367	1	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	U	ug/L	0.500	0.239	1	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
108-88-3	Toluene	ND		U	ug/L	0.500	0.346	1	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
156-60-5	trans-1,2-Dichloroethylene	ND		U	ug/L	0.500	0.279	1	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
10061-02-6	trans-1,3-Dichloropropylene	ND		U	ug/L	0.500	0.229	1	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
110-57-6	trans-1,4-dichloro-2-butene	ND		U	ug/L	0.500	0.283	1	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
79-01-6	Trichloroethylene	ND		U	ug/L	0.500	0.249	1	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
75-69-4	Trichlorofluoromethane	ND		U	ug/L	0.500	0.337	1	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
75-01-4	Vinyl Chloride	ND		U	ug/L	0.500	0.469	1	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
1330-20-7	Xylenes, Total	ND		U	ug/L	1.50	0.839	1	EPA 8260D	5/7/26 7:00	5/ 9/26 04:00	THD
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	96.8 %				69-130						

Sample Information

Client Sample ID: TB (20260505)			Sample ID: 26E0163-08		
Project (SDG) No.	Client Project ID		Matrix	Collection Date/Time	Date Received
26E0163	230051 - 170 Freeman Street, Brooklyn		Ground Water	May 5, 2026 12:05 pm	05/05/2026

Volatile Organic Compounds by GC/MS

Sample Prepared by Method: EPA 5030B

Results Reported to MDL

CAS No.	Parameter	Result	Lab Qualifier	CLP Flag	Units	RL	MDL	Dilution	Reference Method	Prepared	Analyzed Date	By
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	106 %				79-122						
2037-26-5	Surrogate: SURR: Toluene-d8	103 %				81-117						

Data Path : C:\msdchem\1\data\V8-05-08-26\
 Data File : V8-012832.D
 Acq On : 9 May 2026 4:00 am
 Operator : THD
 InstName : VOA No. 8
 Sample : 26E0163-08 A
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Quant Time: May 09 15:35:30 2026
 Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Fri May 08 12:52:12 2026
 Response via : Initial Calibration

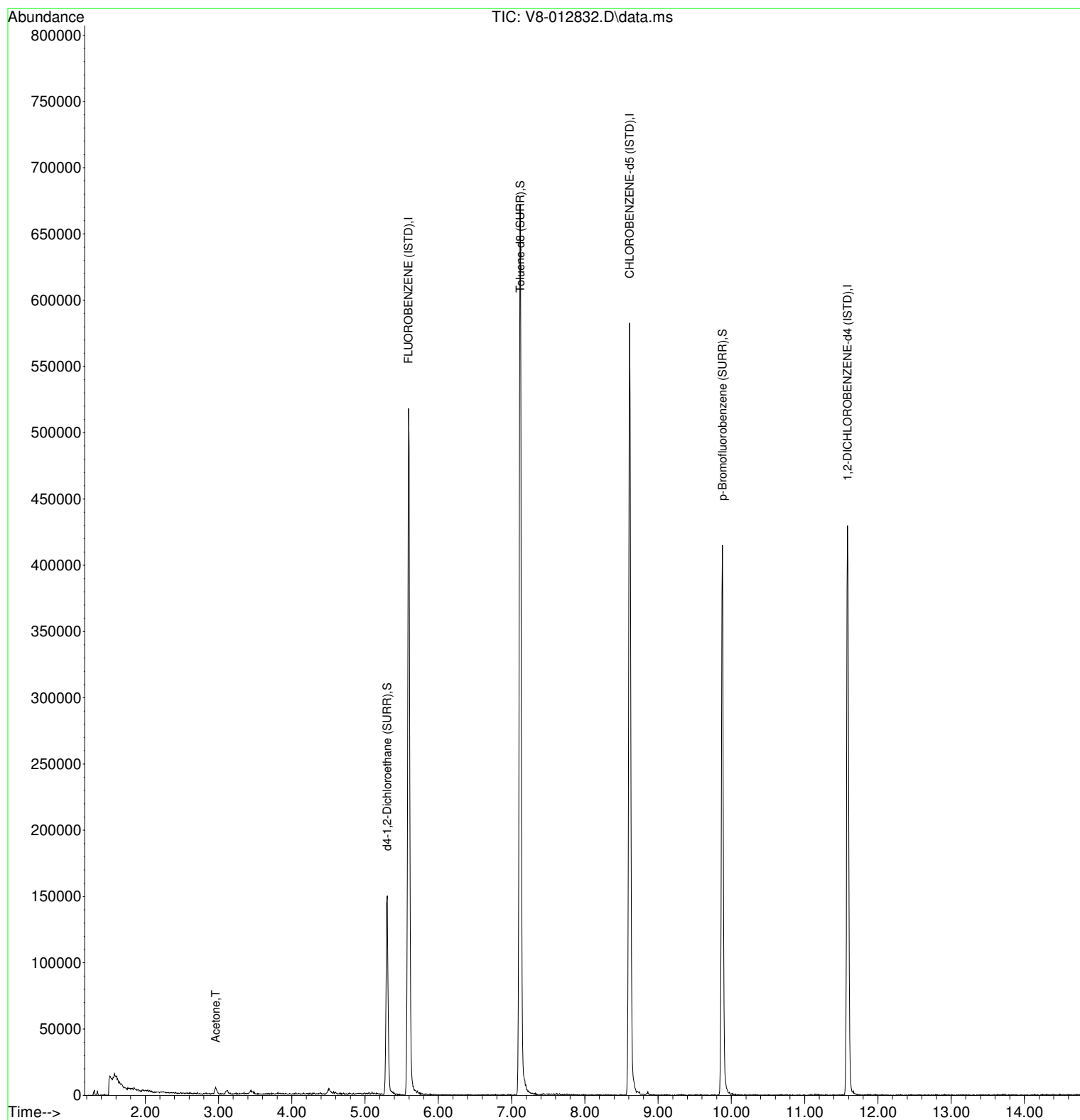
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

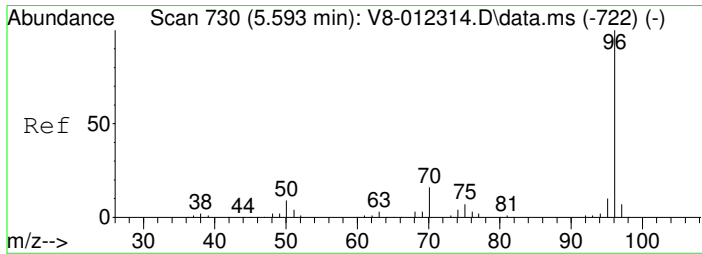
Internal Standards						
1) FLUOROBENZENE (ISTD)	5.593	50	50021	10.00	ppb	0.00
48) CHLOROBENZENE-d5 (ISTD)	8.611	119	125236	10.00	ppb	0.00
80) 1,2-DICHLOROBENZENE-d4...	11.586	152	145631	10.00	ppb	0.00
System Monitoring Compounds						
42) d4-1,2-Dichloroethane ...	5.301	65	109564	9.68	ppb	0.00
Spiked Amount 10.000	Range	69 - 130	Recovery	=	96.80%	
60) Toluene-d8 (SURR)	7.114	98	522720	10.28	ppb	0.00
Spiked Amount 10.000	Range	81 - 117	Recovery	=	102.80%	
82) p-Bromofluorobenzene (...)	9.876	95	165433	10.65	ppb	0.00
Spiked Amount 10.000	Range	79 - 122	Recovery	=	106.50%	
Target Compounds						
18) Acetone	2.959	58	1995	3.11	ppb	Qvalue 98

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

Data Path : C:\msdchem\1\data\V8-05-08-26\
Data File : V8-012832.D
Acq On : 9 May 2026 4:00 am
Operator : THD
InstName : VOA No. 8
Sample : 26E0163-08 A
Misc :
ALS Vial : 71 Sample Multiplier: 1

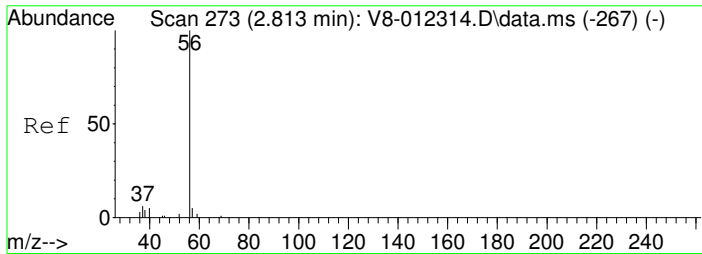
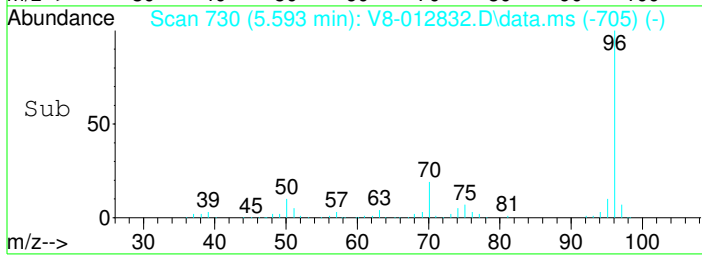
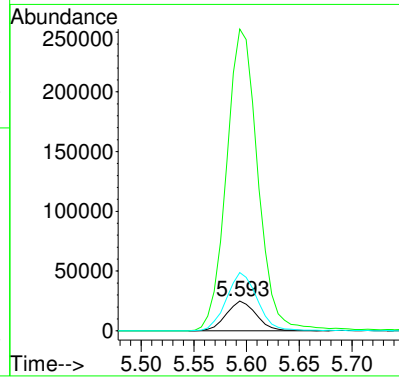
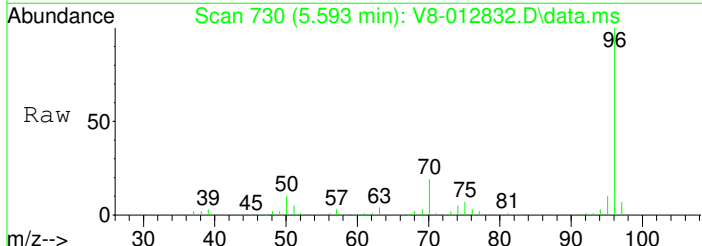
Quant Time: May 09 15:35:30 2026
Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Fri May 08 12:52:12 2026
Response via : Initial Calibration





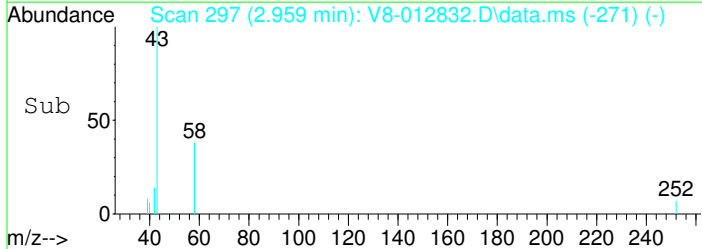
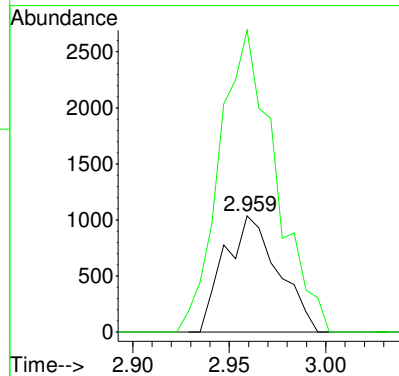
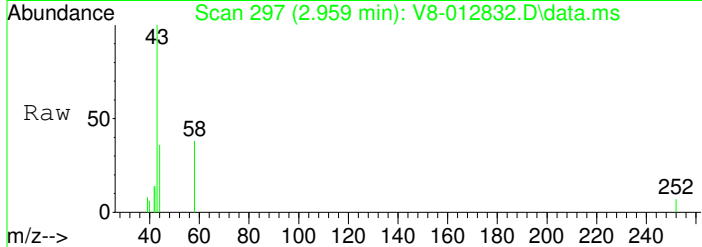
#1
FLUOROBENZENE (ISTD)
Concen: 10.00 ppb
RT: 5.593 min Scan# 730
Delta R.T. 0.000 min
Lab File: V8-012832.D
Acq: 9 May 2026 4:00 am

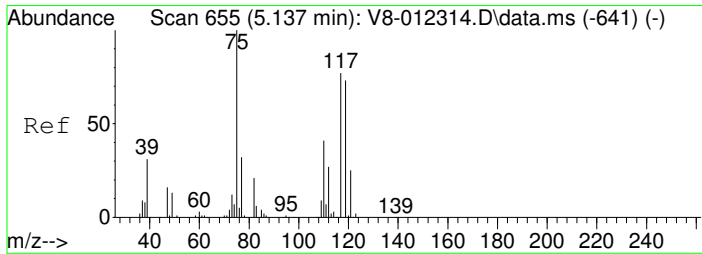
Tgt Ion	50	Resp	50021
Ion Ratio	Lower	Upper	
50	100		
96	1054.3	709.9	1474.3
70	200.2	137.5	285.7



#18
Acetone
Concen: 3.11 ppb
RT: 2.959 min Scan# 297
Delta R.T. 0.006 min
Lab File: V8-012832.D
Acq: 9 May 2026 4:00 am

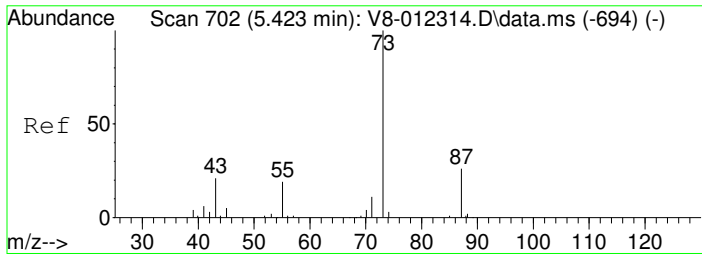
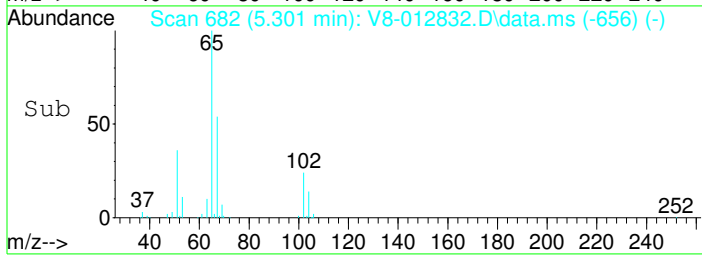
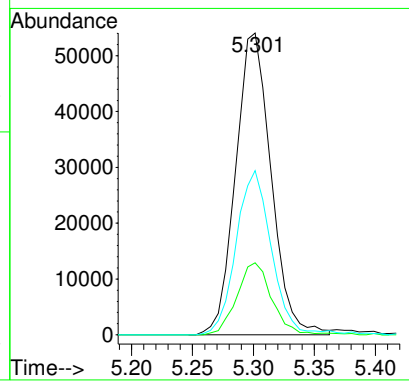
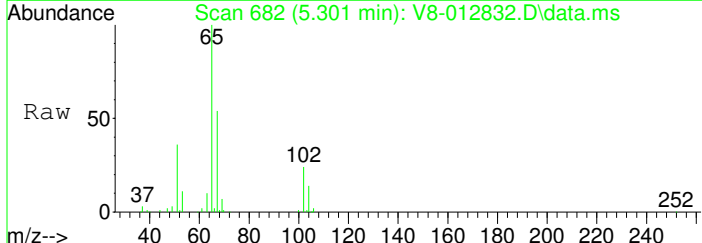
Tgt Ion	58	Resp	1995
Ion Ratio	Lower	Upper	
58	100		
43	272.3	179.1	371.9





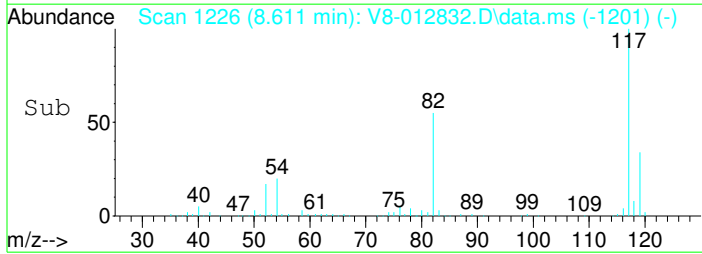
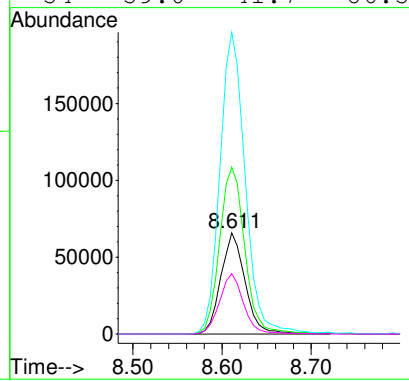
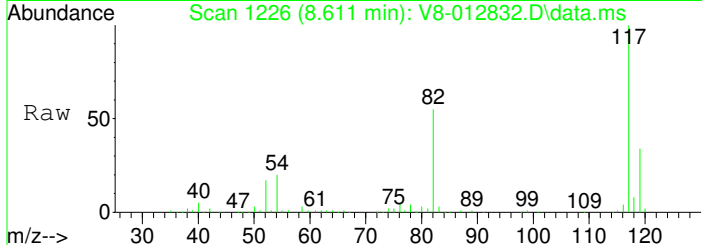
#42
d4-1,2-Dichloroethane (SURR)
Concen: 9.68 ppb
RT: 5.301 min Scan# 682
Delta R.T. 0.006 min
Lab File: V8-012832.D
Acq: 9 May 2026 4:00 am

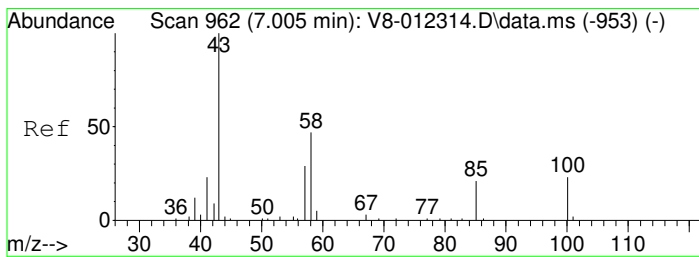
Tgt Ion:	65	Resp:	109564
Ion Ratio	Lower	Upper	
65	100		
102	23.7	15.3	31.9
67	54.2	36.3	75.3



#48
CHLOROBENZENE-d5 (ISTD)
Concen: 10.00 ppb
RT: 8.611 min Scan# 1226
Delta R.T. -0.000 min
Lab File: V8-012832.D
Acq: 9 May 2026 4:00 am

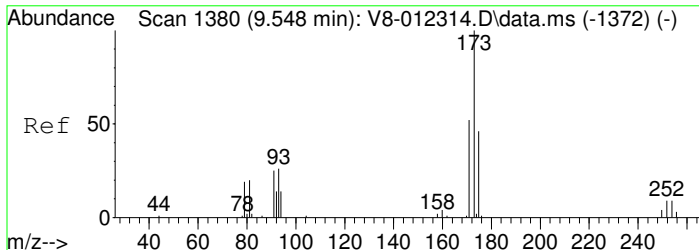
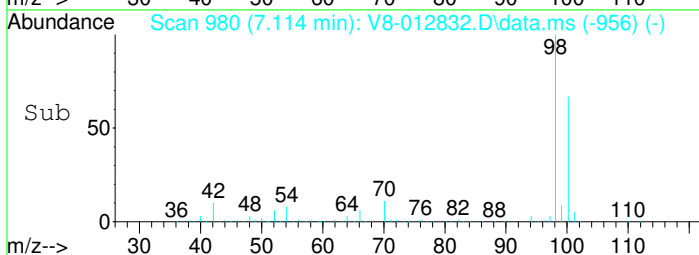
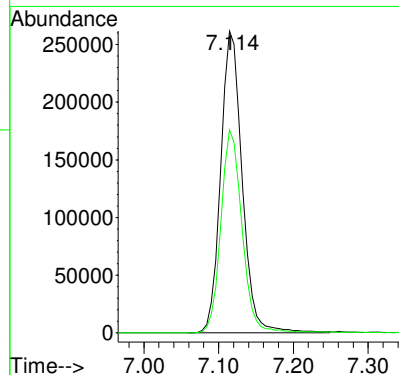
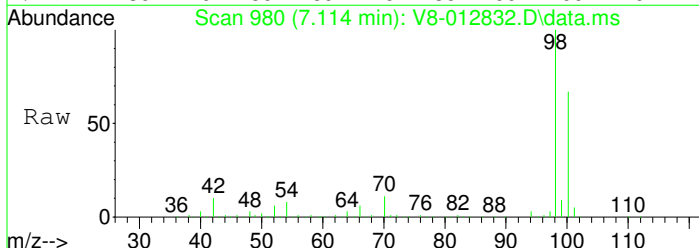
Tgt Ion:	119	Resp:	125236
Ion Ratio	Lower	Upper	
119	100		
82	170.4	112.1	232.7
117	308.7	203.0	421.6
54	59.0	41.7	86.5





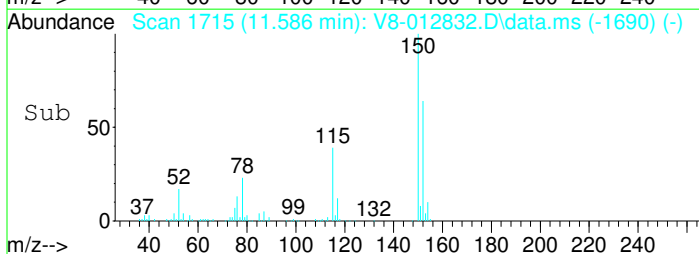
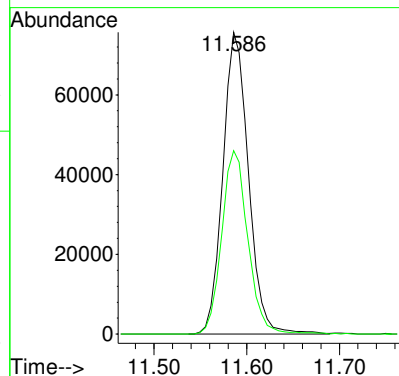
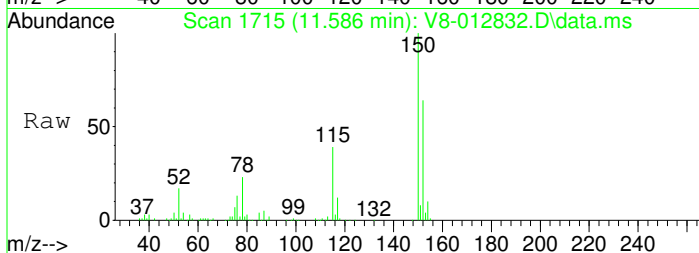
#60
Toluene-d8 (SURR)
Concen: 10.28 ppb
RT: 7.114 min Scan# 980
Delta R.T. -0.006 min
Lab File: V8-012832.D
Acq: 9 May 2026 4:00 am

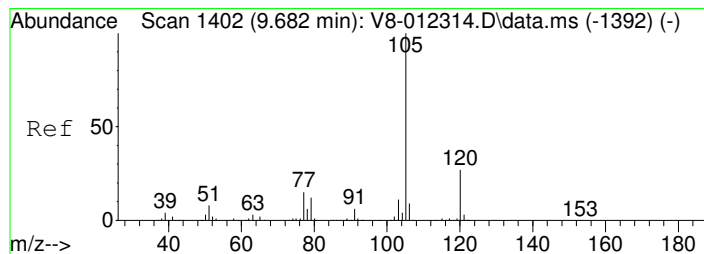
Tgt Ion: 98 Resp: 522720
Ion Ratio Lower Upper
98 100
100 66.2 43.0 89.4



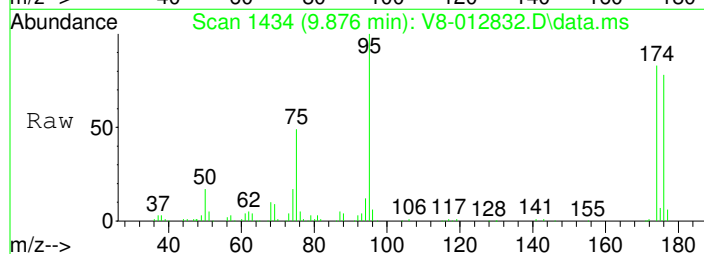
#80
1,2-DICHLOROBENZENE-d4 (ISTD)
Concen: 10.00 ppb
RT: 11.586 min Scan# 1715
Delta R.T. -0.000 min
Lab File: V8-012832.D
Acq: 9 May 2026 4:00 am

Tgt Ion: 152 Resp: 145631
Ion Ratio Lower Upper
152 100
115 62.1 40.6 84.4

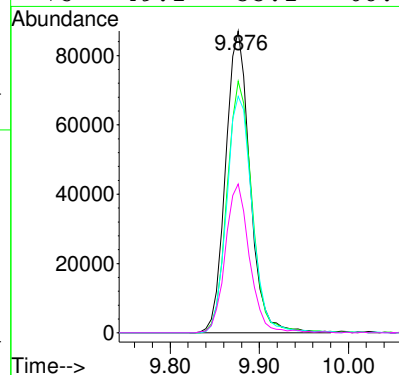
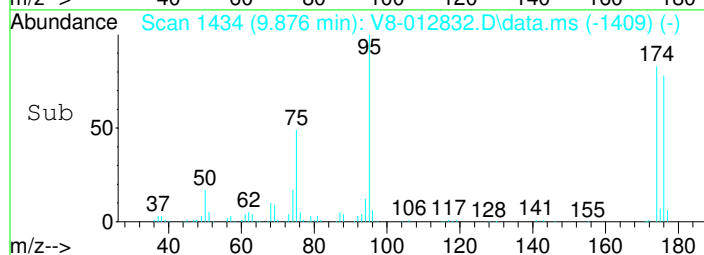




#82
 p-Bromofluorobenzene (SURR)
 Concen: 10.65 ppb
 RT: 9.876 min Scan# 1434
 Delta R.T. 0.000 min
 Lab File: V8-012832.D
 Acq: 9 May 2026 4:00 am



Tgt Ion:	95	Resp:	165433
Ion Ratio	Lower	Upper	
95	100		
174	84.7	54.0	112.2
176	82.1	50.2	104.2
75	49.1	33.1	68.7



FORM II

SURROGATE STANDARD RECOVERY AND RT SUMMARY

EPA 8260D

Laboratory: ALS Environmental - StratfordSDG: 26E0163Client: Hydro Tech EnvironmentalProject: 230051 - 170 Freeman Street, BrooklynSequence: S6E0904Instrument: VOA No. 8Batch: BE60494Calibration: SE60011

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
LCS (BE60494-BS1) Lab File ID: V8-012828.D Analyzed: 05/09/26 01:51								
SURR: 1,2-Dichloroethane-d4	10.0	92.0	69 - 130	5.301	5.2999	0.0011	+/-0.50	
SURR: Toluene-d8	10.0	103	81 - 117	7.114	7.1158	-0.0018	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	105	79 - 122	9.876	9.8742	0.0018	+/-0.50	
LCS Dup (BE60494-BSD1) Lab File ID: V8-012829.D Analyzed: 05/09/26 02:23								
SURR: 1,2-Dichloroethane-d4	10.0	97.3	69 - 130	5.301	5.2999	0.0011	+/-0.50	
SURR: Toluene-d8	10.0	103	81 - 117	7.114	7.1158	-0.0018	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	106	79 - 122	9.876	9.8742	0.0018	+/-0.50	
Blank (BE60494-BLK1) Lab File ID: V8-012831.D Analyzed: 05/09/26 03:28								
SURR: 1,2-Dichloroethane-d4	10.0	99.7	69 - 130	5.295	5.2999	-0.0049	+/-0.50	
SURR: Toluene-d8	10.0	102	81 - 117	7.114	7.1158	-0.0018	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	107	79 - 122	9.876	9.8742	0.0018	+/-0.50	
TB (20260505) (26E0163-08) Lab File ID: V8-012832.D Analyzed: 05/09/26 04:00								
SURR: 1,2-Dichloroethane-d4	10.0	96.8	69 - 130	5.301	5.2999	0.0011	+/-0.50	
SURR: Toluene-d8	10.0	103	81 - 117	7.114	7.1158	-0.0018	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	106	79 - 122	9.876	9.8742	0.0018	+/-0.50	
MW-9 (20260505) (26E0163-01) Lab File ID: V8-012836.D Analyzed: 05/09/26 06:09								
SURR: 1,2-Dichloroethane-d4	10.0	100	69 - 130	5.301	5.2999	0.0011	+/-0.50	
SURR: Toluene-d8	10.0	102	81 - 117	7.114	7.1158	-0.0018	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	99.3	79 - 122	9.876	9.8742	0.0018	+/-0.50	

FORM II

SURROGATE STANDARD RECOVERY AND RT SUMMARY EPA 8260D

Laboratory: ALS Environmental - Stratford

SDG: 26E0163

Client: Hydro Tech Environmental

Project: 230051 - 170 Freeman Street, Brooklyn

Sequence: S6E1115

Instrument: VOA No. 8

Batch: BE60547

Calibration: SE60011

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
LCS (BE60547-BS1) Lab File ID: V8-012851.D Analyzed: 05/09/26 14:30								
SURR: 1,2-Dichloroethane-d4	10.0	99.1	69 - 130	5.301	5.2999	0.0011	+/-0.50	
SURR: Toluene-d8	10.0	104	81 - 117	7.12	7.1158	0.0042	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	101	79 - 122	9.876	9.8742	0.0018	+/-0.50	
Blank (BE60547-BLK1) Lab File ID: V8-012854.D Analyzed: 05/09/26 16:05								
SURR: 1,2-Dichloroethane-d4	10.0	96.4	69 - 130	5.301	5.2999	0.0011	+/-0.50	
SURR: Toluene-d8	10.0	103	81 - 117	7.12	7.1158	0.0042	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	101	79 - 122	9.876	9.8742	0.0018	+/-0.50	
FB (20260505) (26E0163-07) Lab File ID: V8-012856.D Analyzed: 05/09/26 17:09								
SURR: 1,2-Dichloroethane-d4	10.0	97.5	69 - 130	5.301	5.2999	0.0011	+/-0.50	
SURR: Toluene-d8	10.0	104	81 - 117	7.12	7.1158	0.0042	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	107	79 - 122	9.876	9.8742	0.0018	+/-0.50	
MW-10 (20260505) (26E0163-02) Lab File ID: V8-012859.D Analyzed: 05/09/26 18:46								
SURR: 1,2-Dichloroethane-d4	10.0	97.9	69 - 130	5.301	5.2999	0.0011	+/-0.50	
SURR: Toluene-d8	10.0	102	81 - 117	7.12	7.1158	0.0042	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	102	79 - 122	9.876	9.8742	0.0018	+/-0.50	
MW-11R (20260505) (26E0163-03) Lab File ID: V8-012860.D Analyzed: 05/09/26 19:18								
SURR: 1,2-Dichloroethane-d4	10.0	104	69 - 130	5.301	5.2999	0.0011	+/-0.50	
SURR: Toluene-d8	10.0	102	81 - 117	7.12	7.1158	0.0042	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	104	79 - 122	9.876	9.8742	0.0018	+/-0.50	
MW-13R (20260505) (26E0163-04) Lab File ID: V8-012861.D Analyzed: 05/09/26 19:50								
SURR: 1,2-Dichloroethane-d4	10.0	101	69 - 130	5.301	5.2999	0.0011	+/-0.50	
SURR: Toluene-d8	10.0	104	81 - 117	7.12	7.1158	0.0042	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	105	79 - 122	9.876	9.8742	0.0018	+/-0.50	
MW-14 (20260505) (26E0163-05) Lab File ID: V8-012862.D Analyzed: 05/09/26 20:22								
SURR: 1,2-Dichloroethane-d4	10.0	103	69 - 130	5.301	5.2999	0.0011	+/-0.50	
SURR: Toluene-d8	10.0	102	81 - 117	7.12	7.1158	0.0042	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	104	79 - 122	9.876	9.8742	0.0018	+/-0.50	
MW-15 (20260505) (26E0163-06) Lab File ID: V8-012863.D Analyzed: 05/09/26 20:54								
SURR: 1,2-Dichloroethane-d4	10.0	100	69 - 130	5.301	5.2999	0.0011	+/-0.50	
SURR: Toluene-d8	10.0	103	81 - 117	7.12	7.1158	0.0042	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	104	79 - 122	9.876	9.8742	0.0018	+/-0.50	

FORM II

SURROGATE STANDARD RECOVERY AND RT SUMMARY

EPA 8260D

Laboratory:ALS Environmental - StratfordSDG:26E0163

Client:Hydro Tech EnvironmentalProject:230051 - 170 Freeman Street, Brooklyn

Sequence:S6E1115Instrument:VOA No. 8

Batch:BE60547Calibration:SE60011

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Matrix Spike (BE60547-MS1)		Lab File ID: V8-012870.D			Analyzed: 05/10/26 00:40			
SURR: 1,2-Dichloroethane-d4	10.0	92.8	69 - 130	5.301	5.2999	0.0011	+/-0.50	
SURR: Toluene-d8	10.0	105	81 - 117	7.114	7.1158	-0.0018	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	106	79 - 122	9.87	9.8742	-0.0042	+/-0.50	
Matrix Spike Dup (BE60547-MSD1)		Lab File ID: V8-012871.D			Analyzed: 05/10/26 01:12			
SURR: 1,2-Dichloroethane-d4	10.0	93.9	69 - 130	5.301	5.2999	0.0011	+/-0.50	
SURR: Toluene-d8	10.0	106	81 - 117	7.114	7.1158	-0.0018	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	106	79 - 122	9.876	9.8742	0.0018	+/-0.50	

FORM II

SURROGATE STANDARD RECOVERY AND RT SUMMARY

EPA 8260D

Laboratory: ALS Environmental - StratfordSDG: 26E0163Client: Hydro Tech EnvironmentalProject: 230051 - 170 Freeman Street, BrooklynSequence: S6E1235Instrument: VOA No. 8Batch: BE60583Calibration: SE60011

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
LCS (BE60583-BS1) Lab File ID: V8-012899.D Analyzed: 05/11/26 09:17								
SURR: 1,2-Dichloroethane-d4	10.0	91.9	69 - 130	5.295	5.2999	-0.0049	+/-0.50	
SURR: Toluene-d8	10.0	106	81 - 117	7.114	7.1158	-0.0018	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	106	79 - 122	9.87	9.8742	-0.0042	+/-0.50	
LCS Dup (BE60583-BSD1) Lab File ID: V8-012900.D Analyzed: 05/11/26 09:49								
SURR: 1,2-Dichloroethane-d4	10.0	93.2	69 - 130	5.295	5.2999	-0.0049	+/-0.50	
SURR: Toluene-d8	10.0	106	81 - 117	7.114	7.1158	-0.0018	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	108	79 - 122	9.87	9.8742	-0.0042	+/-0.50	
Blank (BE60583-BLK1) Lab File ID: V8-012902.D Analyzed: 05/11/26 11:14								
SURR: 1,2-Dichloroethane-d4	10.0	95.1	69 - 130	5.295	5.2999	-0.0049	+/-0.50	
SURR: Toluene-d8	10.0	102	81 - 117	7.114	7.1158	-0.0018	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	107	79 - 122	9.87	9.8742	-0.0042	+/-0.50	
MW-9 (20260505) (26E0163-01RE1) Lab File ID: V8-012905.D Analyzed: 05/11/26 12:50								
SURR: 1,2-Dichloroethane-d4	10.0	98.1	69 - 130	5.295	5.2999	-0.0049	+/-0.50	
SURR: Toluene-d8	10.0	102	81 - 117	7.114	7.1158	-0.0018	+/-0.50	
SURR: p-Bromofluorobenzene	10.0	108	79 - 122	9.87	9.8742	-0.0042	+/-0.50	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260D

MW-14 (20260505)

Laboratory: ALS Environmental - Stratford

SDG: 26E0163

Client: Hydro Tech Environmental

Project: 230051 - 170 Freeman Street, Brooklyn

Matrix: Water

Batch: BE60547

Laboratory ID: BE60547-MS1

Preparation: EPA 5030B

Initial/Final: 25 mL / 25 mL

Source Sample Name: 26E0163-05

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	10.9	109	45 - 161	
1,1,1-Trichloroethane	10.0	0.00	10.2	102	70 - 146	
1,1,2,2-Tetrachloroethane	10.0	0.00	11.9	119	74 - 121	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	0.00	7.95	79.5	21 - 217	
1,1,2-Trichloroethane	10.0	0.00	11.6	116	59 - 146	
1,1-Dichloroethane	10.0	0.00	10.3	103	54 - 146	
1,1-Dichloroethylene	10.0	0.00	9.64	96.4	44 - 165	
1,2,3-Trichlorobenzene	10.0	0.00	6.56	65.6	40 - 161	
1,2,3-Trichloropropane	10.0	0.00	11.8	118	74 - 127	
1,2,4-Trichlorobenzene	10.0	0.00	6.13	61.3	41 - 161	
1,2,4-Trimethylbenzene	10.0	0.00	9.56	95.6	72 - 129	
1,2-Dibromo-3-chloropropane	10.0	0.00	11.1	111	31 - 151	
1,2-Dibromoethane	10.0	0.00	11.2	112	75 - 125	
1,2-Dichlorobenzene	10.0	0.00	9.63	96.3	63 - 122	
1,2-Dichloroethane	10.0	0.00	10.1	101	68 - 131	
1,2-Dichloropropane	10.0	0.00	11.7	117	77 - 121	
1,3,5-Trimethylbenzene	10.0	0.00	9.52	95.2	69 - 126	
1,3-Dichlorobenzene	10.0	0.00	9.12	91.2	74 - 119	
1,4-Dichlorobenzene	10.0	0.00	9.23	92.3	70 - 124	
2-Butanone	10.0	0.00	9.65	96.5	10 - 193	
2-Hexanone	10.0	0.00	11.5	115	53 - 133	
4-Methyl-2-pentanone	10.0	0.00	12.4	124	38 - 150	
Acetone	10.0	0.720	8.31	75.9	13 - 149	
Acrolein	40.0	0.00	27.0	67.4	10 - 195	
Acrylonitrile	10.0	0.00	11.0	110	37 - 165	
Benzene	10.0	0.00	10.2	102	38 - 155	
Bromochloromethane	10.0	0.00	10.3	103	75 - 121	
Bromodichloromethane	10.0	0.00	11.8	118	70 - 129	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260D

MW-14 (20260505)

Laboratory: ALS Environmental - Stratford

SDG: 26E0163

Client: Hydro Tech Environmental

Project: 230051 - 170 Freeman Street, Brooklyn

Matrix: Water

Batch: BE60547

Laboratory ID: BE60547-MS1

Preparation: EPA 5030B

Initial/Final: 25 mL / 25 mL

Source Sample Name: 26E0163-05

COMPOUND	SPIKE ADDED ppb	SAMPLE CONCENTRATION ppb	MS CONCENTRATION ppb	MS % REC. #	QC LIMITS REC.	Q
Bromoform	10.0	0.00	9.56	95.6	66 - 136	
Bromomethane	10.0	0.00	9.35	93.5	30 - 158	
Carbon disulfide	10.0	0.00	8.40	84.0	10 - 138	
Carbon tetrachloride	10.0	0.00	10.2	102	71 - 146	
Chlorobenzene	10.0	0.00	10.5	105	81 - 117	
Chloroethane	10.0	0.00	10.6	106	51 - 145	
Chloroform	10.0	0.00	10.1	101	80 - 124	
Chloromethane	10.0	0.00	2.86	28.6	16 - 163	
cis-1,2-Dichloroethylene	10.0	0.00	9.80	98.0	76 - 125	
cis-1,3-Dichloropropylene	10.0	0.00	11.2	112	58 - 131	
Cyclohexane	10.0	0.00	9.02	90.2	70 - 130	
Dibromochloromethane	10.0	0.00	11.3	113	71 - 129	
Dibromomethane	10.0	0.00	11.4	114	76 - 120	
Dichlorodifluoromethane	10.0	0.00	11.5	115	30 - 147	
Ethyl Benzene	10.0	0.00	10.5	105	72 - 128	
Hexachlorobutadiene	10.0	0.00	5.78	57.8	34 - 166	
Isopropylbenzene	10.0	0.00	10.9	109	66 - 139	
Methyl acetate	10.0	0.00	8.33	83.3	10 - 200	
Methyl tert-butyl ether (MTBE)	10.0	0.00	8.89	88.9	75 - 128	
Methylcyclohexane	10.0	0.00	7.12	71.2	70 - 130	
Methylene chloride	10.0	0.00	9.61	96.1	57 - 128	
n-Butylbenzene	10.0	0.00	7.08	70.8	61 - 138	
n-Propylbenzene	10.0	0.00	9.79	97.9	66 - 134	
o-Xylene	10.0	0.00	11.0	110	69 - 126	
p- & m- Xylenes	20.0	0.00	20.8	104	67 - 130	
p-Isopropyltoluene	10.0	0.00	7.27	72.7	64 - 137	
sec-Butylbenzene	10.0	0.00	8.69	86.9	53 - 155	
Styrene	10.0	0.00	10.6	106	69 - 125	
tert-Butyl alcohol (TBA)	50.0	0.00	51.0	102	10 - 130	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY
EPA 8260D

MW-14 (20260505)

Laboratory: ALS Environmental - Stratford

SDG: 26E0163

Client: Hydro Tech Environmental

Project: 230051 - 170 Freeman Street, Brooklyn

Matrix: Water

Batch: BE60547

Laboratory ID: BE60547-MS1

Preparation: EPA 5030B

Initial/Final: 25 mL / 25 mL

Source Sample Name: 26E0163-05

COMPOUND	SPIKE ADDED ppb	SAMPLE CONCENTRATION ppb	MS CONCENTRATION ppb	MS % REC. #	QC LIMITS REC.	Q
tert-Butylbenzene	10.0	0.00	9.92	99.2	65 - 139	
Tetrachloroethylene	10.0	0.00	5.74	57.4 *	64 - 139	
Toluene	10.0	0.00	11.1	111	76 - 123	
trans-1,2-Dichloroethylene	10.0	0.00	9.21	92.1	79 - 131	
trans-1,3-Dichloropropylene	10.0	0.00	10.6	106	55 - 130	
trans-1,4-dichloro-2-butene	10.0	0.00	7.94	79.4	25 - 155	
Trichloroethylene	10.0	0.00	10.3	103	53 - 145	
Trichlorofluoromethane	10.0	0.00	9.69	96.9	61 - 142	
Vinyl Chloride	10.0	0.00	9.63	96.3	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-14 (20260505)

Laboratory: ALS Environmental - Stratford

SDG: 26E0163

Client: Hydro Tech Environmental

Project: 230051 - 170 Freeman Street, Brooklyn

Matrix: Water

Batch: BE60547

Laboratory ID: BE60547-MSD1

Preparation: EPA 5030B

Initial/Final: 25 mL / 25 mL

Source Sample Name: 26E0163-05

COMPOUND	SPIKE ADDED ppb	MSD CONCENTRATION ppb	MSD % REC. #	% RPD #	QC LIMITS		Q
					RPD	REC.	
1,1,1,2-Tetrachloroethane	10.0	11.7	117	7.34	30	45 - 161	
1,1,1-Trichloroethane	10.0	11.0	110	7.75	30	70 - 146	
1,1,2,2-Tetrachloroethane	10.0	12.5	125 *	4.34	30	74 - 121	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	8.99	89.9	12.3	30	21 - 217	
1,1,2-Trichloroethane	10.0	12.1	121	4.32	30	59 - 146	
1,1-Dichloroethane	10.0	11.0	110	6.01	30	54 - 146	
1,1-Dichloroethylene	10.0	10.8	108	11.4	30	44 - 165	
1,2,3-Trichlorobenzene	10.0	6.98	69.8	6.20	30	40 - 161	
1,2,3-Trichloropropane	10.0	12.0	120	1.09	30	74 - 127	
1,2,4-Trichlorobenzene	10.0	6.81	68.1	10.5	30	41 - 161	
1,2,4-Trimethylbenzene	10.0	10.1	101	5.69	30	72 - 129	
1,2-Dibromo-3-chloropropane	10.0	10.7	107	4.03	30	31 - 151	
1,2-Dibromoethane	10.0	12.2	122	9.31	30	75 - 125	
1,2-Dichlorobenzene	10.0	10.2	102	5.94	30	63 - 122	
1,2-Dichloroethane	10.0	10.4	104	2.92	30	68 - 131	
1,2-Dichloropropane	10.0	12.3	123 *	4.85	30	77 - 121	
1,3,5-Trimethylbenzene	10.0	10.1	101	5.91	30	69 - 126	
1,3-Dichlorobenzene	10.0	9.94	99.4	8.60	30	74 - 119	
1,4-Dichlorobenzene	10.0	9.96	99.6	7.61	30	70 - 124	
2-Butanone	10.0	10.2	102	5.54	30	10 - 193	
2-Hexanone	10.0	12.5	125	8.35	30	53 - 133	
4-Methyl-2-pentanone	10.0	12.7	127	2.15	30	38 - 150	
Acetone	10.0	9.28	85.6	11.0	30	13 - 149	
Acrolein	40.0	27.0	67.5	0.111	30	10 - 195	
Acrylonitrile	10.0	12.2	122	10.4	30	37 - 165	
Benzene	10.0	10.9	109	6.65	30	38 - 155	
Bromochloromethane	10.0	10.9	109	5.93	30	75 - 121	
Bromodichloromethane	10.0	12.2	122	3.67	30	70 - 129	
Bromoform	10.0	10.1	101	5.10	30	66 - 136	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 8260D

MW-14 (20260505)

Laboratory: ALS Environmental - Stratford

SDG: 26E0163

Client: Hydro Tech Environmental

Project: 230051 - 170 Freeman Street, Brooklyn

Matrix: Water

Batch: BE60547

Laboratory ID: BE60547-MSD1

Preparation: EPA 5030B

Initial/Final: 25 mL / 25 mL

Source Sample Name: 26E0163-05

COMPOUND	SPIKE ADDED ppb	MSD CONCENTRATION ppb	MSD % REC. #	% RPD #	QC LIMITS		Q
					RPD	REC.	
Bromomethane	10.0	10.1	101	7.42	30	30 - 158	
Carbon disulfide	10.0	9.25	92.5	9.63	30	10 - 138	
Carbon tetrachloride	10.0	11.3	113	10.4	30	71 - 146	
Chlorobenzene	10.0	11.0	110	4.83	30	81 - 117	
Chloroethane	10.0	11.0	110	3.69	30	51 - 145	
Chloroform	10.0	10.7	107	6.17	30	80 - 124	
Chloromethane	10.0	4.57	45.7	46.0 *	30	16 - 163	
cis-1,2-Dichloroethylene	10.0	10.8	108	9.52	30	76 - 125	
cis-1,3-Dichloropropylene	10.0	11.8	118	5.19	30	58 - 131	
Cyclohexane	10.0	9.88	98.8	9.10	30	70 - 130	
Dibromochloromethane	10.0	11.8	118	4.41	30	71 - 129	
Dibromomethane	10.0	11.8	118	3.46	30	76 - 120	
Dichlorodifluoromethane	10.0	12.8	128	11.0	30	30 - 147	
Ethyl Benzene	10.0	11.3	113	6.79	30	72 - 128	
Hexachlorobutadiene	10.0	6.34	63.4	9.24	30	34 - 166	
Isopropylbenzene	10.0	11.5	115	5.19	30	66 - 139	
Methyl acetate	10.0	8.84	88.4	5.94	30	10 - 200	
Methyl tert-butyl ether (MTBE)	10.0	9.55	95.5	7.16	30	75 - 128	
Methylcyclohexane	10.0	8.00	80.0	11.6	30	70 - 130	
Methylene chloride	10.0	10.3	103	7.32	30	57 - 128	
n-Butylbenzene	10.0	7.73	77.3	8.78	30	61 - 138	
n-Propylbenzene	10.0	10.3	103	4.79	30	66 - 134	
o-Xylene	10.0	11.7	117	6.34	30	69 - 126	
p- & m- Xylenes	20.0	22.4	112	7.54	30	67 - 130	
p-Isopropyltoluene	10.0	7.68	76.8	5.48	30	64 - 137	
sec-Butylbenzene	10.0	9.25	92.5	6.24	30	53 - 155	
Styrene	10.0	11.5	115	7.95	30	69 - 125	
tert-Butyl alcohol (TBA)	50.0	53.6	107	4.99	30	10 - 130	
tert-Butylbenzene	10.0	10.4	104	5.20	30	65 - 139	
Tetrachloroethylene	10.0	6.29	62.9 *	9.14	30	64 - 139	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY
EPA 8260D

MW-14 (20260505)

Laboratory: ALS Environmental - Stratford

SDG: 26E0163

Client: Hydro Tech Environmental

Project: 230051 - 170 Freeman Street, Brooklyn

Matrix: Water

Batch: BE60547

Laboratory ID: BE60547-MSD1

Preparation: EPA 5030B

Initial/Final: 25 mL / 25 mL

Source Sample Name: 26E0163-05

COMPOUND	SPIKE ADDED ppb	MSD CONCENTRATION ppb	MSD % REC. #	% RPD #	QC LIMITS		Q
					RPD	REC.	
Toluene	10.0	11.9	119	6.87	30	76 - 123	
trans-1,2-Dichloroethylene	10.0	10.3	103	10.8	30	79 - 131	
trans-1,3-Dichloropropylene	10.0	11.1	111	4.99	30	55 - 130	
trans-1,4-dichloro-2-butene	10.0	9.37	93.7	16.5	30	25 - 155	
Trichloroethylene	10.0	11.1	111	7.46	30	53 - 145	
Trichlorofluoromethane	10.0	10.9	109	11.9	30	61 - 142	
Vinyl Chloride	10.0	10.5	105	8.36	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: 26E0163
CLASS: VOA
METHOD: EPA 8260D

Data Path : C:\msdchem\1\data\V8-05-09-26\
 Data File : V8-012870.D
 Acq On : 10 May 2026 12:40 am
 Operator : THD
 InstName : VOA No. 8
 Sample : BE60547-MS1
 Misc : 26E0163-05 F
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 11 11:18:15 2026
 Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Fri May 08 12:52:12 2026
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) FLUOROBENZENE (ISTD)	5.593	50	47914	10.00	ppb	0.00
48) CHLOROBENZENE-d5 (ISTD)	8.611	119	116470	10.00	ppb	0.00
80) 1,2-DICHLOROBENZENE-d4...	11.592	152	146132	10.00	ppb	0.00
System Monitoring Compounds						
42) d4-1,2-Dichloroethane ...	5.301	65	100619	9.28	ppb	0.00
Spiked Amount 10.000	Range	69 - 130	Recovery	=	92.80%	
60) Toluene-d8 (SURR)	7.114	98	498155	10.53	ppb	0.00
Spiked Amount 10.000	Range	81 - 117	Recovery	=	105.30%	
82) p-Bromofluorobenzene (...)	9.870	95	164813	10.57	ppb	0.00
Spiked Amount 10.000	Range	79 - 122	Recovery	=	105.70%	
Target Compounds						
					Qvalue	
2) Freon 115	1.311	85	68	1.34	ppb	# 35
3) Freon 152a	1.458	65	62881	16.34	ppb	72
4) Dichlorodifluoromethane	1.458	85	47427	11.47	ppb	96
5) Freon 22	1.505	67	28324	18.31	ppb	72
6) Chlorodifluoromethane ...	1.505	67	28324	18.31	ppb	72
7) Chloromethane	1.633	50	25393	2.86	ppb	# 1
8) Vinyl Chloride	1.736	62	106264	9.63	ppb	98
9) Bromomethane	2.053	94	54210	9.35	ppb	100
10) Chloroethane	2.156	64	70982	10.65	ppb	97
11) Trichlorofluoromethane	2.393	101	130769	9.69	ppb	100
12) Ethyl Ether	2.661	59	118019	18.77	ppb	99
13) Ethanol	2.606	45	11148	128.54	ppb	92
14) Freon 123	2.752	83	146500	10.09	ppb	99
15) 1,1-Dichloroethylene	2.892	61	131224	9.64	ppb	98
16) Freon 113	2.880	101	71428	7.95	ppb	96
17) Acrolein	2.813	56	21449	26.97	ppb	89
18) Acetone	2.953	58	5022	8.31	ppb	95
19) Iodomethane	3.044	142	62695	6.37	ppb	96
20) Carbon disulfide	3.105	76	220806	8.40	ppb	100
21) Allyl Chloride	3.233	41	125132	9.14	ppb	93
22) Methyl Acetate	3.257	43	27700	8.33	ppb	98
23) tert-Butyl Alcohol (TBA)	3.482	59	39362	50.97	ppb	94
24) Methylene Chloride	3.361	49	103058	9.61	ppb	98
25) Acrylonitrile	3.598	53	16695	10.97	ppb	89
26) trans-1,2-Dichloroethy...	3.604	61	124305	9.21	ppb	97
27) tert-Butyl Methyl Ethe...	3.592	73	161635	8.89	ppb	99
28) n-hexane	3.823	57	64109	5.95	ppb	99
29) 1,1-Dichloroethane	3.999	63	181022	10.33	ppb	98
30) Vinyl Acetate	4.036	86	12930	11.12	ppb	96
31) Diisopropyl ether (DIPE)	4.024	45	244087	9.89	ppb	98
32) Ethyl-tert-Butyl ether...	4.358	59	145155	6.83	ppb	99
33) cis-1,2-Dichloroethylene	4.541	61	139975	9.80	ppb	98
34) 2-Butanone	4.559	72	6559	9.65	ppb	80
35) 2,2-Dichloropropane	4.523	77	102885	8.39	ppb	96
36) Tetrahydrofuran	4.815	71	6377	10.45	ppb	97
37) Bromochloromethane	4.766	49	62013	10.30	ppb	88
38) Chloroform	4.833	83	183473	10.06	ppb	97
39) 1,1,1-Trichloroethane	4.985	97	159731	10.17	ppb	98
40) Cyclohexane	5.028	56	134012	9.02	ppb	96
41) 1,1-Dichloropropylene	5.137	75	138689	9.56	ppb	97
43) Carbon Tetrachloride	5.137	117	123624	10.18	ppb	100
44) tert-Amyl alcohol (TAA)	5.362	59	36483	65.75	ppb	98
45) 1,2-Dichloroethane	5.368	62	100163	10.12	ppb	98

Data Path : C:\msdchem\1\data\V8-05-09-26\
 Data File : V8-012870.D
 Acq On : 10 May 2026 12:40 am
 Operator : THD
 InstName : VOA No. 8
 Sample : BE60547-MS1
 Misc : 26E0163-05 F
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 11 11:18:15 2026
 Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Fri May 08 12:52:12 2026
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
46) Benzene	5.338	78	436809	10.17	ppb	99
47) tert-Amyl methyl ether...	5.417	73	100840	5.96	ppb	97
49) Trichloroethylene	5.946	95	101385	10.33	ppb	98
50) Methyl Cyclohexane	6.104	83	104659	7.12	ppb	92
51) Methyl Methacrylate	6.256	69	43115	12.27	ppb	90
52) Dibromomethane	6.293	93	43966	11.37	ppb	99
53) Bromodichloromethane	6.445	83	123238	11.76	ppb	99
54) 1,2-Dichloropropane	6.165	63	101650	11.68	ppb	97
55) 1,4-Dioxane	6.305	88	15761	323.37	ppb	99
56) 2-Nitropropane	6.658	43	11770	11.62	ppb	96
58) cis-1,3-Dichloropropene	6.865	75	126598	11.25	ppb	99
59) 4-Methyl-2-Pentanone	7.011	43	45730	12.45	ppb	# 97
61) Toluene	7.181	91	460090	11.10	ppb	98
62) n-Octane	7.254	85	12818	5.73	ppb	95
63) Ethyl Methacrylate	7.479	69	89733	12.28	ppb	99
64) trans-1,3-Dichloropropene	7.424	75	93278	10.56	ppb	97
65) 1,1,2-Trichloroethane	7.619	97	66714	11.55	ppb	96
66) 1,3-Dichloropropane	7.783	76	116266	11.44	ppb	99
67) Tetrachloroethylene	7.741	166	89133	5.74	ppb	99
68) 2-Hexanone	7.844	43	29729	11.48	ppb	98
69) n-Butyl Actetate	7.960	43	65727	10.27	ppb	97
70) Dibromochloromethane	8.027	129	71207	11.30	ppb	99
71) 1,2-Dibromoethane	8.142	107	58042	11.16	ppb	99
72) Chlorobenzene	8.641	112	259593	10.51	ppb	98
73) 1,1,1,2-tetrachloroethane	8.726	131	81015	10.90	ppb	95
74) n-Nonane	8.842	57	12286	5.63	ppb	94
75) Ethyl Benzene	8.732	91	458293	10.53	ppb	100
76) p- & m-Xylenes	8.860	91	672188	20.81	ppb	99
77) o-Xylene	9.292	91	341878	10.99	ppb	97
78) Styrene	9.310	104	264561	10.63	ppb	99
79) Bromoform	9.542	173	33471	9.56	ppb	94
81) Isopropylbenzene	9.681	105	383007	10.89	ppb	100
83) 1,1,2,2-Tetrachloroethane	10.053	83	77118	11.94	ppb	98
84) Bromobenzene	10.040	77	144656	10.92	ppb	99
85) trans-1,4-Dichloro-2-b...	10.101	53	9493	7.94	ppb	# 37
86) 1,2,3-Trichloropropane	10.095	110	19721	11.85	ppb	93
87) n-Propylbenzene	10.132	91	409534	9.79	ppb	99
88) n-Decane	10.296	57	13738	6.88	ppb	# 84
89) p-Ethyltoluene	10.259	105	298427	8.89	ppb	99
90) 1,3,5-Trimethylbenzene	10.326	105	264223	9.52	ppb	98
91) 2-Chlorotoluene	10.247	91	284557	10.01	ppb	100
92) 4-Chlorotoluene	10.363	91	280889	9.88	ppb	99
93) tert-Butylbenzene	10.685	119	211416	9.92	ppb	99
94) 1,2,4-Trimethylbenzene	10.746	105	259868	9.56	ppb	99
95) sec-Butylbenzene	10.929	105	253610	8.69	ppb	99
96) Limonene	11.026	68	9790	1.74	ppb	95
97) 1,3-Dichlorobenzene	11.087	146	137753	9.12	ppb	98
98) p-Isopropyltoluene	11.093	119	201103	7.27	ppb	99
99) 1,4-Dichlorobenzene	11.184	146	138480	9.23	ppb	98
100) 1,2,3-Trimethylbenzene	11.221	105	259150	9.70	ppb	99
101) p-Diethylbenzene	11.525	105	86577	6.36	ppb	98
102) trans-Decahydronapthalene	11.531	138	10460	4.81	ppb	95
103) 1,2-Dichlorobenzene	11.610	146	133235	9.63	ppb	99
104) n-Butylbenzene	11.555	91	162971	7.08	ppb	99
106) n-Undecane	11.640	71	11302	9.92	ppb	# 24
107) cis-Decahydronapthalene	12.176	138	7017	4.78	ppb	# 91
108) 1,2-Dibromo-3-chloropr...	12.504	75	9821	11.14	ppb	91

Data Path : C:\msdchem\1\data\V8-05-09-26\
 Data File : V8-012870.D
 Acq On : 10 May 2026 12:40 am
 Operator : THD
 InstName : VOA No. 8
 Sample : BE60547-MS1
 Misc : 26E0163-05 F
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 11 11:18:15 2026
 Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Fri May 08 12:52:12 2026
 Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
109)	1,2,4,5-Tetramethylben...	12.413	119	121874	5.97	ppb	98
110)	Nitrobenzene	12.748	77	1611	6.71	ppb	93
111)	1,2,4-Trichlorobenzene	13.429	180	32952	6.13	ppb	96
112)	Hexachloro-1,3-Butadiene	13.605	225	8108	5.78	ppb	96
113)	Naphthalene	13.715	128	95480	7.02	ppb	99
114)	1,2,3-Trichlorobenzene	13.995	180	28315	6.56	ppb	98

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

Data Path : C:\msdchem\1\data\V8-05-09-26\
 Data File : V8-012871.D
 Acq On : 10 May 2026 1:12 am
 Operator : THD
 InstName : VOA No. 8
 Sample : BE60547-MSD1
 Misc : 26E0163-05 I
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 11 11:18:18 2026
 Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Fri May 08 12:52:12 2026
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) FLUOROBENZENE (ISTD)	5.593	50	48560	10.00	ppb	0.00
48) CHLOROBENZENE-d5 (ISTD)	8.611	119	118248	10.00	ppb	0.00
80) 1,2-DICHLOROBENZENE-d4...	11.586	152	148022	10.00	ppb	0.00
System Monitoring Compounds						
42) d4-1,2-Dichloroethane ...	5.301	65	103188	9.39	ppb	0.00
Spiked Amount 10.000	Range	69 - 130	Recovery	=	93.90%	
60) Toluene-d8 (SURR)	7.114	98	507862	10.58	ppb	0.00
Spiked Amount 10.000	Range	81 - 117	Recovery	=	105.80%	
82) p-Bromofluorobenzene (...)	9.876	95	167099	10.58	ppb	0.00
Spiked Amount 10.000	Range	79 - 122	Recovery	=	105.80%	
Target Compounds						
					Qvalue	
2) Freon 115	1.312	85	210	4.09	ppb	# 35
3) Freon 152a	1.452	65	63105	16.18	ppb	64
4) Dichlorodifluoromethane	1.458	85	55328	12.80	ppb	99
5) Freon 22	1.499	67	31054	19.80	ppb	88
6) Chlorodifluoromethane ...	1.499	67	31054	19.80	ppb	88
7) Chloromethane	1.633	50	41120	4.57	ppb	# 38
8) Vinyl Chloride	1.736	62	117001	10.47	ppb	99
9) Bromomethane	2.059	94	59206	10.07	ppb	94
10) Chloroethane	2.156	64	74635	11.05	ppb	97
11) Trichlorofluoromethane	2.393	101	149286	10.92	ppb	99
12) Ethyl Ether	2.667	59	131288	20.60	ppb	96
13) Ethanol	2.612	45	8862	100.77	ppb	82
14) Freon 123	2.752	83	162462	11.04	ppb	99
15) 1,1-Dichloroethylene	2.892	61	149236	10.81	ppb	96
16) Freon 113	2.880	101	81872	8.99	ppb	98
17) Acrolein	2.813	56	21766	27.00	ppb	94
18) Acetone	2.959	58	5663	9.28	ppb	98
19) Iodomethane	3.050	142	83310	8.30	ppb	95
20) Carbon disulfide	3.105	76	246338	9.25	ppb	99
21) Allyl Chloride	3.233	41	132295	9.53	ppb	91
22) Methyl Acetate	3.257	43	29795	8.84	ppb	97
23) tert-Butyl Alcohol (TBA)	3.482	59	41933	53.58	ppb	97
24) Methylene Chloride	3.361	49	112320	10.34	ppb	99
25) Acrylonitrile	3.604	53	18765	12.17	ppb	90
26) trans-1,2-Dichloroethy...	3.604	61	140301	10.26	ppb	96
27) tert-Butyl Methyl Ethe...	3.592	73	175967	9.55	ppb	99
28) n-hexane	3.823	57	71682	6.57	ppb	99
29) 1,1-Dichloroethane	3.993	63	194852	10.97	ppb	99
30) Vinyl Acetate	4.030	86	13468	11.43	ppb	99
31) Diisopropyl ether (DIPE)	4.030	45	264381	10.57	ppb	98
32) Ethyl-tert-Butyl ether...	4.358	59	153329	7.12	ppb	99
33) cis-1,2-Dichloroethylene	4.535	61	156089	10.78	ppb	97
34) 2-Butanone	4.553	72	7028	10.20	ppb	80
35) 2,2-Dichloropropane	4.523	77	109517	8.81	ppb	96
36) Tetrahydrofuran	4.815	71	7081	11.45	ppb	98
37) Bromochloromethane	4.766	49	66657	10.93	ppb	90
38) Chloroform	4.839	83	197789	10.70	ppb	98
39) 1,1,1-Trichloroethane	4.991	97	174836	10.99	ppb	98
40) Cyclohexane	5.028	56	148656	9.88	ppb	96
41) 1,1-Dichloropropylene	5.137	75	153082	10.41	ppb	97
43) Carbon Tetrachloride	5.137	117	138987	11.30	ppb	97
44) tert-Amyl alcohol (TAA)	5.362	59	37129	66.03	ppb	98
45) 1,2-Dichloroethane	5.374	62	104518	10.42	ppb	99

Data Path : C:\msdchem\1\data\V8-05-09-26\
 Data File : V8-012871.D
 Acq On : 10 May 2026 1:12 am
 Operator : THD
 InstName : VOA No. 8
 Sample : BE60547-MSD1
 Misc : 26E0163-05 I
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 11 11:18:18 2026
 Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Fri May 08 12:52:12 2026
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
46) Benzene	5.338	78	473463	10.87	ppb	99
47) tert-Amyl methyl ether...	5.417	73	105316	6.15	ppb	99
49) Trichloroethylene	5.946	95	110939	11.13	ppb	98
50) Methyl Cyclohexane	6.104	83	119433	8.00	ppb	90
51) Methyl Methacrylate	6.257	69	45822	12.85	ppb	97
52) Dibromomethane	6.293	93	46217	11.77	ppb	99
53) Bromodichloromethane	6.445	83	129798	12.20	ppb	100
54) 1,2-Dichloropropane	6.165	63	108353	12.26	ppb	98
55) 1,4-Dioxane	6.305	88	16220	327.78	ppb	91
56) 2-Nitropropane	6.664	43	12285	11.94	ppb	89
58) cis-1,3-Dichloropropene	6.865	75	135366	11.85	ppb	99
59) 4-Methyl-2-Pentanone	7.005	43	47443	12.72	ppb	# 100
61) Toluene	7.181	91	500528	11.89	ppb	98
62) n-Octane	7.248	85	12550	5.53	ppb	83
63) Ethyl Methacrylate	7.479	69	94639	12.76	ppb	99
64) trans-1,3-Dichloropropene	7.425	75	99490	11.10	ppb	97
65) 1,1,2-Trichloroethane	7.613	97	70755	12.06	ppb	97
66) 1,3-Dichloropropane	7.784	76	122927	11.91	ppb	99
67) Tetrachloroethylene	7.741	166	99046	6.29	ppb	99
68) 2-Hexanone	7.844	43	32805	12.48	ppb	99
69) n-Butyl Actetate	7.960	43	73637	11.33	ppb	97
70) Dibromochloromethane	8.027	129	75542	11.81	ppb	98
71) 1,2-Dibromoethane	8.149	107	64659	12.25	ppb	99
72) Chlorobenzene	8.641	112	276457	11.03	ppb	99
73) 1,1,1,2-tetrachloroethane	8.726	131	88489	11.73	ppb	99
74) n-Nonane	8.836	57	12791	5.76	ppb	91
75) Ethyl Benzene	8.733	91	497897	11.27	ppb	99
76) p- & m-Xylenes	8.860	91	735762	22.44	ppb	99
77) o-Xylene	9.292	91	370086	11.71	ppb	97
78) Styrene	9.310	104	290865	11.51	ppb	99
79) Bromoform	9.548	173	35802	10.06	ppb	98
81) Isopropylbenzene	9.675	105	408658	11.47	ppb	100
83) 1,1,2,2-Tetrachloroethane	10.053	83	81569	12.47	ppb	98
84) Bromobenzene	10.041	77	155503	11.59	ppb	100
85) trans-1,4-Dichloro-2-b...	10.101	53	11384	9.37	ppb	77
86) 1,2,3-Trichloropropane	10.095	110	20203	11.98	ppb	96
87) n-Propylbenzene	10.132	91	434988	10.27	ppb	99
88) n-Decane	10.302	57	13058	6.56	ppb	86
89) p-Ethyltoluene	10.260	105	322871	9.49	ppb	99
90) 1,3,5-Trimethylbenzene	10.326	105	283764	10.10	ppb	100
91) 2-Chlorotoluene	10.247	91	301270	10.47	ppb	100
92) 4-Chlorotoluene	10.363	91	302633	10.51	ppb	98
93) tert-Butylbenzene	10.685	119	225652	10.45	ppb	98
94) 1,2,4-Trimethylbenzene	10.746	105	278744	10.12	ppb	99
95) sec-Butylbenzene	10.929	105	273666	9.25	ppb	99
96) Limonene	11.032	68	10109	1.77	ppb	97
97) 1,3-Dichlorobenzene	11.081	146	152150	9.94	ppb	100
98) p-Isopropyltoluene	11.093	119	215300	7.68	ppb	99
99) 1,4-Dichlorobenzene	11.184	146	151403	9.96	ppb	98
100) 1,2,3-Trimethylbenzene	11.221	105	279517	10.33	ppb	99
101) p-Diethylbenzene	11.525	105	95704	6.94	ppb	98
102) trans-Decahydronapthalene	11.531	138	12108	5.43	ppb	96
103) 1,2-Dichlorobenzene	11.610	146	143233	10.22	ppb	99
104) n-Butylbenzene	11.555	91	180246	7.73	ppb	100
106) n-Undecane	11.634	71	7896	8.36	ppb	# 23
107) cis-Decahydronapthalene	12.182	138	8791	5.77	ppb	# 95
108) 1,2-Dibromo-3-chloropr...	12.504	75	9555	10.70	ppb	99

Data Path : C:\msdchem\1\data\V8-05-09-26\
 Data File : V8-012871.D
 Acq On : 10 May 2026 1:12 am
 Operator : THD
 InstName : VOA No. 8
 Sample : BE60547-MSD1
 Misc : 26E0163-05 I
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 11 11:18:18 2026
 Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Fri May 08 12:52:12 2026
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
109) 1,2,4,5-Tetramethylben...	12.419	119	133942	6.47	ppb	100
110) Nitrobenzene	12.754	77	2057	8.44	ppb #	78
111) 1,2,4-Trichlorobenzene	13.435	180	37107	6.81	ppb	99
112) Hexachloro-1,3-Butadiene	13.605	225	9001	6.34	ppb	96
113) Naphthalene	13.715	128	107435	7.79	ppb	99
114) 1,2,3-Trichlorobenzene	13.995	180	30554	6.98	ppb	97

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

FORM III**LCS / LCS DUPLICATE RECOVERY****EPA 8260D**Laboratory: ALS Environmental - StratfordSDG: 26E0163Client: Hydro Tech EnvironmentalProject: 230051 - 170 Freeman Street, BrooklynMatrix: WaterBatch: BE60494Laboratory ID: BE60494-BS1Preparation: EPA 5030BInitial/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	11.0	110	82 - 126	
1,1,1-Trichloroethane	10.0	10.3	103	78 - 136	
1,1,2,2-Tetrachloroethane	10.0	11.8	118	76 - 129	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	8.46	84.6	54 - 165	
1,1,2-Trichloroethane	10.0	11.4	114	82 - 123	
1,1-Dichloroethane	10.0	10.1	101	82 - 129	
1,1-Dichloroethylene	10.0	9.94	99.4	68 - 138	
1,2,3-Trichlorobenzene	10.0	8.04	80.4	76 - 136	
1,2,3-Trichloropropane	10.0	12.2	122	77 - 128	
1,2,4-Trichlorobenzene	10.0	8.14	81.4	76 - 137	
1,2,4-Trimethylbenzene	10.0	11.2	112	82 - 132	
1,2-Dibromo-3-chloropropane	10.0	10.6	106	45 - 147	
1,2-Dibromoethane	10.0	11.2	112	83 - 124	
1,2-Dichlorobenzene	10.0	10.7	107	79 - 123	
1,2-Dichloroethane	10.0	9.94	99.4	73 - 132	
1,2-Dichloropropane	10.0	11.1	111	78 - 126	
1,3,5-Trimethylbenzene	10.0	11.1	111	80 - 131	
1,3-Dichlorobenzene	10.0	11.1	111	86 - 122	
1,4-Dichlorobenzene	10.0	11.3	113	85 - 124	
2-Butanone	10.0	9.52	95.2	49 - 152	
2-Hexanone	10.0	10.7	107	51 - 146	
4-Methyl-2-pentanone	10.0	11.6	116	57 - 145	
Acetone	10.0	9.85	98.5	14 - 150	
Acrolein	40.0	28.6	71.6	10 - 153	
Acrylonitrile	10.0	12.2	122	51 - 150	
Benzene	10.0	9.75	97.5	85 - 126	
Bromochloromethane	10.0	10.4	104	77 - 128	

FORM III

LCS / LCS DUPLICATE RECOVERY
EPA 8260DLaboratory: ALS Environmental - StratfordSDG: 26E0163Client: Hydro Tech EnvironmentalProject: 230051 - 170 Freeman Street, BrooklynMatrix: WaterBatch: BE60494Laboratory ID: BE60494-BS1Preparation: EPA 5030BInitial/Final: 25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.	Q
Bromodichloromethane	10.0	11.1	111	79 - 128	
Bromoform	10.0	10.1	101	78 - 133	
Bromomethane	10.0	6.57	65.7	43 - 168	
Carbon disulfide	10.0	10.2	102	68 - 146	
Carbon tetrachloride	10.0	10.5	105	77 - 141	
Chlorobenzene	10.0	10.6	106	88 - 120	
Chloroethane	10.0	10.4	104	65 - 136	
Chloroform	10.0	10.0	100	82 - 128	
Chloromethane	10.0	9.60	96.0	43 - 155	
cis-1,2-Dichloroethylene	10.0	10.7	107	83 - 129	
cis-1,3-Dichloropropylene	10.0	11.2	112	80 - 131	
Cyclohexane	10.0	8.93	89.3	63 - 149	
Dibromochloromethane	10.0	11.4	114	80 - 130	
Dibromomethane	10.0	10.9	109	72 - 134	
Dichlorodifluoromethane	10.0	7.50	75.0	44 - 144	
Ethyl Benzene	10.0	11.1	111	80 - 131	
Hexachlorobutadiene	10.0	8.10	81.0	67 - 146	
Isopropylbenzene	10.0	12.2	122	76 - 140	
Methyl acetate	10.0	8.43	84.3	51 - 139	
Methyl tert-butyl ether (MTBE)	10.0	9.86	98.6	76 - 135	
Methylcyclohexane	10.0	7.62	76.2	72 - 143	
Methylene chloride	10.0	10.0	100	55 - 137	
n-Butylbenzene	10.0	9.36	93.6	79 - 132	
n-Propylbenzene	10.0	11.4	114	78 - 133	
o-Xylene	10.0	11.5	115	78 - 130	
p- & m- Xylenes	20.0	22.6	113	77 - 133	
p-Isopropyltoluene	10.0	9.30	93.0	81 - 136	

FORM III

LCS / LCS DUPLICATE RECOVERY
EPA 8260DLaboratory: ALS Environmental - StratfordSDG: 26E0163Client: Hydro Tech EnvironmentalProject: 230051 - 170 Freeman Street, BrooklynMatrix: WaterBatch: BE60494Laboratory ID: BE60494-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	10.5	105	79 - 137	
Styrene	10.0	11.5	115	67 - 132	
tert-Butyl alcohol (TBA)	50.0	50.9	102	25 - 162	
tert-Butylbenzene	10.0	11.1	111	77 - 138	
Tetrachloroethylene	10.0	6.73	67.3 *	82 - 131	
Toluene	10.0	10.9	109	80 - 127	
trans-1,2-Dichloroethylene	10.0	10.3	103	80 - 132	
trans-1,3-Dichloropropylene	10.0	10.7	107	78 - 131	
trans-1,4-dichloro-2-butene	10.0	8.02	80.2	63 - 141	
Trichloroethylene	10.0	10.2	102	82 - 128	
Trichlorofluoromethane	10.0	9.43	94.3	67 - 139	
Vinyl Chloride	10.0	9.91	99.1	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: 26E0163Client: Hydro Tech EnvironmentalProject: 230051 - 170 Freeman Street, BrooklynMatrix: WaterBatch: BE60494Laboratory ID: BE60494-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	10.9	109	0.825	30	82 - 126	
1,1,1-Trichloroethane	10.0	9.59	95.9	7.24	30	78 - 136	
1,1,2,2-Tetrachloroethane	10.0	11.7	117	0.426	30	76 - 129	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	7.95	79.5	6.22	30	54 - 165	
1,1,2-Trichloroethane	10.0	11.2	112	1.24	30	82 - 123	
1,1-Dichloroethane	10.0	9.95	99.5	1.89	30	82 - 129	
1,1-Dichloroethylene	10.0	9.41	94.1	5.48	30	68 - 138	
1,2,3-Trichlorobenzene	10.0	8.30	83.0	3.18	30	76 - 136	
1,2,3-Trichloropropane	10.0	12.1	121	1.24	30	77 - 128	
1,2,4-Trichlorobenzene	10.0	8.38	83.8	2.91	30	76 - 137	
1,2,4-Trimethylbenzene	10.0	11.2	112	0.179	30	82 - 132	
1,2-Dibromo-3-chloropropane	10.0	10.4	104	1.99	30	45 - 147	
1,2-Dibromoethane	10.0	11.2	112	0.624	30	83 - 124	
1,2-Dichlorobenzene	10.0	10.4	104	2.08	30	79 - 123	
1,2-Dichloroethane	10.0	9.97	99.7	0.301	30	73 - 132	
1,2-Dichloropropane	10.0	10.6	106	4.15	30	78 - 126	
1,3,5-Trimethylbenzene	10.0	10.8	108	3.47	30	80 - 131	
1,3-Dichlorobenzene	10.0	10.7	107	3.03	30	86 - 122	
1,4-Dichlorobenzene	10.0	11.0	110	2.42	30	85 - 124	
2-Butanone	10.0	9.39	93.9	1.37	30	49 - 152	
2-Hexanone	10.0	10.8	108	0.650	30	51 - 146	
4-Methyl-2-pentanone	10.0	11.8	118	1.62	30	57 - 145	
Acetone	10.0	9.49	94.9	3.72	30	14 - 150	
Acrolein	40.0	27.7	69.4	3.12	30	10 - 153	
Acrylonitrile	10.0	11.6	116	5.39	30	51 - 150	
Benzene	10.0	9.96	99.6	2.13	30	85 - 126	
Bromochloromethane	10.0	10.4	104	0.192	30	77 - 128	

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory: ALS Environmental - StratfordSDG: 26E0163Client: Hydro Tech EnvironmentalProject: 230051 - 170 Freeman Street, BrooklynMatrix: WaterBatch: BE60494Laboratory ID: BE60494-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	10.9	109	2.09	30	79 - 128	
Bromoform	10.0	9.89	98.9	2.40	30	78 - 133	
Bromomethane	10.0	6.68	66.8	1.66	30	43 - 168	
Carbon disulfide	10.0	9.64	96.4	5.15	30	68 - 146	
Carbon tetrachloride	10.0	10.1	101	4.56	30	77 - 141	
Chlorobenzene	10.0	10.7	107	0.282	30	88 - 120	
Chloroethane	10.0	10.0	100	4.02	30	65 - 136	
Chloroform	10.0	9.94	99.4	1.00	30	82 - 128	
Chloromethane	10.0	8.57	85.7	11.3	30	43 - 155	
cis-1,2-Dichloroethylene	10.0	10.2	102	5.17	30	83 - 129	
cis-1,3-Dichloropropylene	10.0	11.1	111	0.269	30	80 - 131	
Cyclohexane	10.0	7.89	78.9	12.4	30	63 - 149	
Dibromochloromethane	10.0	11.2	112	2.21	30	80 - 130	
Dibromomethane	10.0	11.0	110	0.733	30	72 - 134	
Dichlorodifluoromethane	10.0	8.11	81.1	7.82	30	44 - 144	
Ethyl Benzene	10.0	10.7	107	3.12	30	80 - 131	
Hexachlorobutadiene	10.0	7.63	76.3	5.98	30	67 - 146	
Isopropylbenzene	10.0	11.7	117	3.43	30	76 - 140	
Methyl acetate	10.0	8.28	82.8	1.80	30	51 - 139	
Methyl tert-butyl ether (MTBE)	10.0	9.57	95.7	2.99	30	76 - 135	
Methylcyclohexane	10.0	7.33	73.3	3.88	30	72 - 143	
Methylene chloride	10.0	9.81	98.1	2.42	30	55 - 137	
n-Butylbenzene	10.0	8.99	89.9	4.03	30	79 - 132	
n-Propylbenzene	10.0	10.9	109	3.77	30	78 - 133	
o-Xylene	10.0	11.2	112	2.82	30	78 - 130	
p- & m- Xylenes	20.0	21.9	109	3.46	30	77 - 133	
p-Isopropyltoluene	10.0	8.90	89.0	4.40	30	81 - 136	
sec-Butylbenzene	10.0	10.0	100	4.67	30	79 - 137	

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory: ALS Environmental - StratfordSDG: 26E0163Client: Hydro Tech EnvironmentalProject: 230051 - 170 Freeman Street, BrooklynMatrix: WaterBatch: BE60494Laboratory ID: BE60494-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	11.3	113	1.67	30	67 - 132	
tert-Butyl alcohol (TBA)	50.0	51.0	102	0.0589	30	25 - 162	
tert-Butylbenzene	10.0	10.8	108	2.74	30	77 - 138	
Tetrachloroethylene	10.0	6.50	65.0 *	3.48	30	82 - 131	
Toluene	10.0	10.6	106	3.07	30	80 - 127	
trans-1,2-Dichloroethylene	10.0	9.74	97.4	5.78	30	80 - 132	
trans-1,3-Dichloropropylene	10.0	10.5	105	1.61	30	78 - 131	
trans-1,4-dichloro-2-butene	10.0	8.18	81.8	1.98	30	63 - 141	
Trichloroethylene	10.0	10.2	102	0.0985	30	82 - 128	
Trichlorofluoromethane	10.0	8.97	89.7	5.00	30	67 - 139	
Vinyl Chloride	10.0	9.28	92.8	6.57	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 - StratfordSDG: 26E0163Client: Hydro Tech EnvironmentalProject: 230051 - 170 Freeman Street, BrooklynMatrix: WaterBatch: BE60547Laboratory ID: BE60547-BS1Preparation: EPA 5030BInitial/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	11.4	114	82 - 126	
1,1,1-Trichloroethane	10.0	10.8	108	78 - 136	
1,1,2,2-Tetrachloroethane	10.0	11.9	119	76 - 129	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	10.6	106	54 - 165	
1,1,2-Trichloroethane	10.0	11.6	116	82 - 123	
1,1-Dichloroethane	10.0	11.0	110	82 - 129	
1,1-Dichloroethylene	10.0	10.8	108	68 - 138	
1,2,3-Trichlorobenzene	10.0	7.86	78.6	76 - 136	
1,2,3-Trichloropropane	10.0	12.1	121	77 - 128	
1,2,4-Trichlorobenzene	10.0	8.24	82.4	76 - 137	
1,2,4-Trimethylbenzene	10.0	12.0	120	82 - 132	
1,2-Dibromo-3-chloropropane	10.0	10.0	100	45 - 147	
1,2-Dibromoethane	10.0	11.6	116	83 - 124	
1,2-Dichlorobenzene	10.0	11.3	113	79 - 123	
1,2-Dichloroethane	10.0	10.9	109	73 - 132	
1,2-Dichloropropane	10.0	11.4	114	78 - 126	
1,3,5-Trimethylbenzene	10.0	12.0	120	80 - 131	
1,3-Dichlorobenzene	10.0	11.4	114	86 - 122	
1,4-Dichlorobenzene	10.0	11.1	111	85 - 124	
2-Butanone	10.0	10.4	104	49 - 152	
2-Hexanone	10.0	11.5	115	51 - 146	
4-Methyl-2-pentanone	10.0	11.5	115	57 - 145	
Acetone	10.0	8.48	84.8	14 - 150	
Acrolein	40.0	30.7	76.8	10 - 153	
Acrylonitrile	10.0	13.0	130	51 - 150	
Benzene	10.0	11.1	111	85 - 126	
Bromochloromethane	10.0	11.2	112	77 - 128	

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory: ALS Environmental - StratfordSDG: 26E0163Client: Hydro Tech EnvironmentalProject: 230051 - 170 Freeman Street, BrooklynMatrix: WaterBatch: BE60547Laboratory ID: BE60547-BS1Preparation: EPA 5030BInitial/Final: 25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.	Q
Bromodichloromethane	10.0	11.4	114	79 - 128	
Bromoform	10.0	9.45	94.5	78 - 133	
Bromomethane	10.0	9.07	90.7	43 - 168	
Carbon disulfide	10.0	10.2	102	68 - 146	
Carbon tetrachloride	10.0	11.1	111	77 - 141	
Chlorobenzene	10.0	11.3	113	88 - 120	
Chloroethane	10.0	11.3	113	65 - 136	
Chloroform	10.0	10.8	108	82 - 128	
Chloromethane	10.0	12.2	122	43 - 155	
cis-1,2-Dichloroethylene	10.0	11.4	114	83 - 129	
cis-1,3-Dichloropropylene	10.0	12.2	122	80 - 131	
Cyclohexane	10.0	10.8	108	63 - 149	
Dibromochloromethane	10.0	11.5	115	80 - 130	
Dibromomethane	10.0	11.3	113	72 - 134	
Dichlorodifluoromethane	10.0	9.49	94.9	44 - 144	
Ethyl Benzene	10.0	11.6	116	80 - 131	
Hexachlorobutadiene	10.0	7.39	73.9	67 - 146	
Isopropylbenzene	10.0	12.2	122	76 - 140	
Methyl acetate	10.0	9.87	98.7	51 - 139	
Methyl tert-butyl ether (MTBE)	10.0	10.6	106	76 - 135	
Methylcyclohexane	10.0	9.59	95.9	72 - 143	
Methylene chloride	10.0	10.8	108	55 - 137	
n-Butylbenzene	10.0	10.5	105	79 - 132	
n-Propylbenzene	10.0	12.3	123	78 - 133	
o-Xylene	10.0	11.3	113	78 - 130	
p- & m- Xylenes	20.0	23.7	118	77 - 133	
p-Isopropyltoluene	10.0	9.97	99.7	81 - 136	

FORM III

LCS / LCS DUPLICATE RECOVERY
EPA 8260DLaboratory: ALS Environmental - StratfordSDG: 26E0163Client: Hydro Tech EnvironmentalProject: 230051 - 170 Freeman Street, BrooklynMatrix: WaterBatch: BE60547Laboratory ID: BE60547-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	11.3	113	79 - 137	
Styrene	10.0	11.2	112	67 - 132	
tert-Butyl alcohol (TBA)	50.0	43.1	86.2	25 - 162	
tert-Butylbenzene	10.0	11.7	117	77 - 138	
Tetrachloroethylene	10.0	7.18	71.8 *	82 - 131	
Toluene	10.0	11.5	115	80 - 127	
trans-1,2-Dichloroethylene	10.0	11.0	110	80 - 132	
trans-1,3-Dichloropropylene	10.0	11.4	114	78 - 131	
trans-1,4-dichloro-2-butene	10.0	8.62	86.2	63 - 141	
Trichloroethylene	10.0	10.8	108	82 - 128	
Trichlorofluoromethane	10.0	10.8	108	67 - 139	
Vinyl Chloride	10.0	10.4	104	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: 26E0163Client: Hydro Tech EnvironmentalProject: 230051 - 170 Freeman Street, BrooklynMatrix: WaterBatch: BE60583Laboratory ID: BE60583-BS1Preparation: EPA 5030BInitial/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	11.4	114	82 - 126	
1,1,1-Trichloroethane	10.0	9.70	97.0	78 - 136	
1,1,2,2-Tetrachloroethane	10.0	12.0	120	76 - 129	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	8.29	82.9	54 - 165	
1,1,2-Trichloroethane	10.0	11.9	119	82 - 123	
1,1-Dichloroethane	10.0	10.4	104	82 - 129	
1,1-Dichloroethylene	10.0	9.25	92.5	68 - 138	
1,2,3-Trichlorobenzene	10.0	7.95	79.5	76 - 136	
1,2,3-Trichloropropane	10.0	12.2	122	77 - 128	
1,2,4-Trichlorobenzene	10.0	8.50	85.0	76 - 137	
1,2,4-Trimethylbenzene	10.0	11.6	116	82 - 132	
1,2-Dibromo-3-chloropropane	10.0	10.9	109	45 - 147	
1,2-Dibromoethane	10.0	11.7	117	83 - 124	
1,2-Dichlorobenzene	10.0	10.8	108	79 - 123	
1,2-Dichloroethane	10.0	10.2	102	73 - 132	
1,2-Dichloropropane	10.0	11.7	117	78 - 126	
1,3,5-Trimethylbenzene	10.0	11.4	114	80 - 131	
1,3-Dichlorobenzene	10.0	11.1	111	86 - 122	
1,4-Dichlorobenzene	10.0	11.4	114	85 - 124	
2-Butanone	10.0	11.3	113	49 - 152	
2-Hexanone	10.0	11.9	119	51 - 146	
4-Methyl-2-pentanone	10.0	12.7	127	57 - 145	
Acetone	10.0	9.36	93.6	14 - 150	
Acrolein	40.0	30.6	76.5	10 - 153	
Acrylonitrile	10.0	12.4	124	51 - 150	
Benzene	10.0	10.2	102	85 - 126	
Bromochloromethane	10.0	10.7	107	77 - 128	

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory: ALS Environmental - StratfordSDG: 26E0163Client: Hydro Tech EnvironmentalProject: 230051 - 170 Freeman Street, BrooklynMatrix: WaterBatch: BE60583Laboratory ID: BE60583-BS1Preparation: EPA 5030BInitial/Final: 25 mL / 25 mL

COMPOUND	SPIKE ADDED ppb	LCS CONCENTRATION ppb	LCS % REC. #	QC LIMITS REC.	Q
Bromodichloromethane	10.0	11.9	119	79 - 128	
Bromoform	10.0	10.3	103	78 - 133	
Bromomethane	10.0	9.80	98.0	43 - 168	
Carbon disulfide	10.0	9.34	93.4	68 - 146	
Carbon tetrachloride	10.0	9.44	94.4	77 - 141	
Chlorobenzene	10.0	11.2	112	88 - 120	
Chloroethane	10.0	10.0	100	65 - 136	
Chloroform	10.0	9.92	99.2	82 - 128	
Chloromethane	10.0	10.7	107	43 - 155	
cis-1,2-Dichloroethylene	10.0	10.7	107	83 - 129	
cis-1,3-Dichloropropylene	10.0	12.7	127	80 - 131	
Cyclohexane	10.0	8.39	83.9	63 - 149	
Dibromochloromethane	10.0	11.5	115	80 - 130	
Dibromomethane	10.0	12.0	120	72 - 134	
Dichlorodifluoromethane	10.0	9.48	94.8	44 - 144	
Ethyl Benzene	10.0	11.5	115	80 - 131	
Hexachlorobutadiene	10.0	8.81	88.1	67 - 146	
Isopropylbenzene	10.0	12.2	122	76 - 140	
Methyl acetate	10.0	9.69	96.9	51 - 139	
Methyl tert-butyl ether (MTBE)	10.0	9.66	96.6	76 - 135	
Methylcyclohexane	10.0	8.37	83.7	72 - 143	
Methylene chloride	10.0	10.3	103	55 - 137	
n-Butylbenzene	10.0	10.3	103	79 - 132	
n-Propylbenzene	10.0	11.7	117	78 - 133	
o-Xylene	10.0	11.9	119	78 - 130	
p- & m- Xylenes	20.0	23.4	117	77 - 133	
p-Isopropyltoluene	10.0	9.57	95.7	81 - 136	

FORM III

LCS / LCS DUPLICATE RECOVERY
EPA 8260DLaboratory: ALS Environmental - StratfordSDG: 26E0163Client: Hydro Tech EnvironmentalProject: 230051 - 170 Freeman Street, BrooklynMatrix: WaterBatch: BE60583Laboratory ID: BE60583-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	10.6	106	79 - 137	
Styrene	10.0	12.0	120	67 - 132	
tert-Butyl alcohol (TBA)	50.0	46.9	93.8	25 - 162	
tert-Butylbenzene	10.0	11.0	110	77 - 138	
Tetrachloroethylene	10.0	6.59	65.9 *	82 - 131	
Toluene	10.0	11.5	115	80 - 127	
trans-1,2-Dichloroethylene	10.0	10.0	100	80 - 132	
trans-1,3-Dichloropropylene	10.0	12.1	121	78 - 131	
trans-1,4-dichloro-2-butene	10.0	10.8	108	63 - 141	
Trichloroethylene	10.0	10.9	109	82 - 128	
Trichlorofluoromethane	10.0	8.49	84.9	67 - 139	
Vinyl Chloride	10.0	8.73	87.3	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 8260DLaboratory: ALS Environmental - StratfordSDG: 26E0163Client: Hydro Tech EnvironmentalProject: 230051 - 170 Freeman Street, BrooklynMatrix: WaterBatch: BE60583Laboratory ID: BE60583-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	11.2	112	2.21	30	82 - 126	
1,1,1-Trichloroethane	10.0	9.15	91.5	5.84	30	78 - 136	
1,1,2,2-Tetrachloroethane	10.0	12.4	124	2.94	30	76 - 129	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	8.00	80.0	3.56	30	54 - 165	
1,1,2-Trichloroethane	10.0	11.6	116	2.72	30	82 - 123	
1,1-Dichloroethane	10.0	9.91	99.1	5.21	30	82 - 129	
1,1-Dichloroethylene	10.0	8.88	88.8	4.08	30	68 - 138	
1,2,3-Trichlorobenzene	10.0	8.52	85.2	6.92	30	76 - 136	
1,2,3-Trichloropropane	10.0	12.3	123	1.06	30	77 - 128	
1,2,4-Trichlorobenzene	10.0	8.70	87.0	2.33	30	76 - 137	
1,2,4-Trimethylbenzene	10.0	11.9	119	2.04	30	82 - 132	
1,2-Dibromo-3-chloropropane	10.0	11.4	114	4.03	30	45 - 147	
1,2-Dibromoethane	10.0	11.5	115	1.80	30	83 - 124	
1,2-Dichlorobenzene	10.0	10.8	108	0.277	30	79 - 123	
1,2-Dichloroethane	10.0	10.1	101	0.791	30	73 - 132	
1,2-Dichloropropane	10.0	11.2	112	4.19	30	78 - 126	
1,3,5-Trimethylbenzene	10.0	11.2	112	1.24	30	80 - 131	
1,3-Dichlorobenzene	10.0	11.3	113	1.69	30	86 - 122	
1,4-Dichlorobenzene	10.0	11.2	112	1.86	30	85 - 124	
2-Butanone	10.0	9.91	99.1	13.1	30	49 - 152	
2-Hexanone	10.0	12.2	122	2.56	30	51 - 146	
4-Methyl-2-pentanone	10.0	12.9	129	1.41	30	57 - 145	
Acetone	10.0	9.02	90.2	3.70	30	14 - 150	
Acrolein	40.0	31.4	78.4	2.52	30	10 - 153	
Acrylonitrile	10.0	12.6	126	1.44	30	51 - 150	
Benzene	10.0	9.90	99.0	3.38	30	85 - 126	
Bromochloromethane	10.0	10.6	106	1.69	30	77 - 128	

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA 8260D

Laboratory: ALS Environmental - StratfordSDG: 26E0163Client: Hydro Tech EnvironmentalProject: 230051 - 170 Freeman Street, BrooklynMatrix: WaterBatch: BE60583Laboratory ID: BE60583-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	11.4	114	4.31	30	79 - 128	
Bromoform	10.0	10.4	104	0.873	30	78 - 133	
Bromomethane	10.0	10.0	100	2.12	30	43 - 168	
Carbon disulfide	10.0	8.70	87.0	7.10	30	68 - 146	
Carbon tetrachloride	10.0	8.92	89.2	5.66	30	77 - 141	
Chlorobenzene	10.0	11.1	111	0.987	30	88 - 120	
Chloroethane	10.0	9.53	95.3	5.21	30	65 - 136	
Chloroform	10.0	9.78	97.8	1.42	30	82 - 128	
Chloromethane	10.0	10.3	103	4.19	30	43 - 155	
cis-1,2-Dichloroethylene	10.0	10.4	104	2.47	30	83 - 129	
cis-1,3-Dichloropropylene	10.0	12.5	125	1.19	30	80 - 131	
Cyclohexane	10.0	8.06	80.6	4.01	30	63 - 149	
Dibromochloromethane	10.0	11.5	115	0.0867	30	80 - 130	
Dibromomethane	10.0	11.7	117	2.37	30	72 - 134	
Dichlorodifluoromethane	10.0	6.84	68.4	32.4 *	30	44 - 144	
Ethyl Benzene	10.0	11.2	112	2.29	30	80 - 131	
Hexachlorobutadiene	10.0	8.77	87.7	0.455	30	67 - 146	
Isopropylbenzene	10.0	11.9	119	2.33	30	76 - 140	
Methyl acetate	10.0	9.30	93.0	4.11	30	51 - 139	
Methyl tert-butyl ether (MTBE)	10.0	9.36	93.6	3.15	30	76 - 135	
Methylcyclohexane	10.0	8.53	85.3	1.89	30	72 - 143	
Methylene chloride	10.0	9.89	98.9	3.77	30	55 - 137	
n-Butylbenzene	10.0	10.2	102	0.681	30	79 - 132	
n-Propylbenzene	10.0	11.6	116	1.20	30	78 - 133	
o-Xylene	10.0	11.8	118	0.337	30	78 - 130	
p- & m- Xylenes	20.0	23.0	115	1.90	30	77 - 133	
p-Isopropyltoluene	10.0	9.67	96.7	1.04	30	81 - 136	
sec-Butylbenzene	10.0	10.6	106	0.00	30	79 - 137	

FORM III

LCS / LCS DUPLICATE RECOVERY
EPA 8260DLaboratory: ALS Environmental - StratfordSDG: 26E0163Client: Hydro Tech EnvironmentalProject: 230051 - 170 Freeman Street, BrooklynMatrix: WaterBatch: BE60583Laboratory ID: BE60583-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	11.9	119	0.840	30	67 - 132	
tert-Butyl alcohol (TBA)	50.0	48.9	97.8	4.13	30	25 - 162	
tert-Butylbenzene	10.0	11.1	111	0.361	30	77 - 138	
Tetrachloroethylene	10.0	6.38	63.8 *	3.24	30	82 - 131	
Toluene	10.0	11.3	113	1.66	30	80 - 127	
trans-1,2-Dichloroethylene	10.0	9.80	98.0	2.32	30	80 - 132	
trans-1,3-Dichloropropylene	10.0	12.0	120	0.828	30	78 - 131	
trans-1,4-dichloro-2-butene	10.0	11.4	114	5.58	30	63 - 141	
Trichloroethylene	10.0	10.6	106	2.61	30	82 - 128	
Trichlorofluoromethane	10.0	8.19	81.9	3.60	30	67 - 139	
Vinyl Chloride	10.0	8.41	84.1	3.73	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: 26E0163
CLASS: VOA
METHOD: EPA 8260D

Data Path : C:\msdchem\1\data\V8-05-08-26\
 Data File : V8-012828.D
 Acq On : 9 May 2026 1:51 am
 Operator : THD
 InstName : VOA No. 8
 Sample : BE60494-BS1
 Misc : 9 out
 ALS Vial : 67 Sample Multiplier: 1

Quant Time: May 09 15:23:17 2026
 Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Fri May 08 12:52:12 2026
 Response via : Initial Calibration

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

Internal Standards						
1) FLUOROBENZENE (ISTD)	5.593	50	51385	10.00	ppb	0.00
48) CHLOROBENZENE-d5 (ISTD)	8.611	119	134710	10.00	ppb	0.00
80) 1,2-DICHLOROBENZENE-d4...	11.586	152	167520	10.00	ppb	0.00
System Monitoring Compounds						
42) d4-1,2-Dichloroethane ...	5.301	65	107022	9.20	ppb	0.00
Spiked Amount 10.000	Range 69	- 130	Recovery	=	92.00%	
60) Toluene-d8 (SURR)	7.114	98	563110	10.30	ppb	0.00
Spiked Amount 10.000	Range 81	- 117	Recovery	=	103.00%	
82) p-Bromofluorobenzene (...)	9.876	95	187309	10.48	ppb	0.00
Spiked Amount 10.000	Range 79	- 122	Recovery	=	104.80%	
Target Compounds						
					Qvalue	
3) Freon 152a	1.470	65	40000	9.63	ppb	# 25
4) Dichlorodifluoromethane	1.458	85	30111	7.50	ppb	97
5) Freon 22	1.505	67	30902	18.62	ppb	58
6) Chlorodifluoromethane ...	1.505	67	30902	18.62	ppb	58
7) Chloromethane	1.676	50	91422	9.60	ppb	# 25
8) Vinyl Chloride	1.736	62	117255	9.91	ppb	95
9) Bromomethane	2.059	94	40893	6.57	ppb	83
10) Chloroethane	2.156	64	74444	10.41	ppb	99
11) Trichlorofluoromethane	2.393	101	136423	9.43	ppb	100
12) Ethyl Ether	2.661	59	130607	19.37	ppb	99
13) Ethanol	2.606	45	6253	67.15	ppb	# 79
14) Freon 123	2.752	83	149421	9.59	ppb	99
15) 1,1-Dichloroethylene	2.886	61	145087	9.94	ppb	98
16) Freon 113	2.880	101	81553	8.46	ppb	98
17) Acrolein	2.813	56	24411	28.62	ppb	89
18) Acetone	2.959	58	6352	9.85	ppb	98
19) Iodomethane	3.044	142	41530	3.97	ppb	93
20) Carbon disulfide	3.105	76	285978	10.15	ppb	99
21) Allyl Chloride	3.233	41	133496	9.09	ppb	93
22) Methyl Acetate	3.251	43	30052	8.43	ppb	100
23) tert-Butyl Alcohol (TBA)	3.476	59	42170	50.92	ppb	97
24) Methylene Chloride	3.361	49	115500	10.05	ppb	97
25) Acrylonitrile	3.604	53	19892	12.19	ppb	89
26) trans-1,2-Dichloroethy...	3.604	61	149264	10.32	ppb	97
27) tert-Butyl Methyl Ethe...	3.592	73	192312	9.86	ppb	99
28) n-hexane	3.823	57	90490	7.84	ppb	99
29) 1,1-Dichloroethane	3.993	63	190548	10.14	ppb	100
30) Vinyl Acetate	4.036	86	14030	11.25	ppb	93
31) Diisopropyl ether (DIPE)	4.024	45	268115	10.13	ppb	98
32) Ethyl-tert-Butyl ether...	4.358	59	183452	8.06	ppb	98
33) cis-1,2-Dichloroethylene	4.535	61	164081	10.71	ppb	95
34) 2-Butanone	4.553	72	6936	9.52	ppb	69
35) 2,2-Dichloropropane	4.517	77	123448	9.38	ppb	98
36) Tetrahydrofuran	4.809	71	6520	9.96	ppb	80
37) Bromochloromethane	4.766	49	67336	10.43	ppb	91
38) Chloroform	4.833	83	196351	10.04	ppb	97
39) 1,1,1-Trichloroethane	4.985	97	173647	10.31	ppb	99
40) Cyclohexane	5.028	56	142312	8.93	ppb	95
41) 1,1-Dichloropropylene	5.137	75	166313	10.69	ppb	98
43) Carbon Tetrachloride	5.137	117	137187	10.54	ppb	100
44) tert-Amyl alcohol (TAA)	5.356	59	36139	60.73	ppb	95
45) 1,2-Dichloroethane	5.368	62	105529	9.94	ppb	99
46) Benzene	5.338	78	449500	9.75	ppb	99

Data Path : C:\msdchem\1\data\V8-05-08-26\
 Data File : V8-012828.D
 Acq On : 9 May 2026 1:51 am
 Operator : THD
 InstName : VOA No. 8
 Sample : BE60494-BS1
 Misc : 9 out
 ALS Vial : 67 Sample Multiplier: 1

Quant Time: May 09 15:23:17 2026
 Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Fri May 08 12:52:12 2026
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
47) tert-Amyl methyl ether...	5.423	73	123910	6.84	ppb	98
49) Trichloroethylene	5.946	95	115256	10.15	ppb	99
50) Methyl Cyclohexane	6.098	83	129628	7.62	ppb	90
51) Methyl Methacrylate	6.257	69	47827	11.77	ppb	99
52) Dibromomethane	6.299	93	48669	10.88	ppb	95
53) Bromodichloromethane	6.445	83	134594	11.11	ppb	99
54) 1,2-Dichloropropane	6.165	63	111338	11.06	ppb	99
55) 1,4-Dioxane	6.305	88	13149	233.25	ppb	92
56) 2-Nitropropane	6.658	43	12374	10.56	ppb	97
58) cis-1,3-Dichloropropene	6.865	75	145445	11.17	ppb	99
59) 4-Methyl-2-Pentanone	7.005	43	49286	11.60	ppb	# 99
61) Toluene	7.181	91	523440	10.92	ppb	100
62) n-Octane	7.248	85	21907	8.47	ppb	98
63) Ethyl Methacrylate	7.479	69	99776	11.81	ppb	99
64) trans-1,3-Dichloropropene	7.425	75	108975	10.67	ppb	97
65) 1,1,2-Trichloroethane	7.613	97	75985	11.37	ppb	97
66) 1,3-Dichloropropane	7.784	76	130804	11.12	ppb	98
67) Tetrachloroethylene	7.741	166	120745	6.73	ppb	99
68) 2-Hexanone	7.844	43	32170	10.74	ppb	97
69) n-Butyl Actetate	7.960	43	73829	9.97	ppb	98
70) Dibromochloromethane	8.033	129	83316	11.43	ppb	98
71) 1,2-Dibromoethane	8.142	107	67651	11.25	ppb	99
72) Chlorobenzene	8.641	112	304044	10.64	ppb	99
73) 1,1,1,2-tetrachloroethane	8.726	131	94217	10.96	ppb	96
74) n-Nonane	8.842	57	19337	7.42	ppb	93
75) Ethyl Benzene	8.739	91	557137	11.07	ppb	100
76) p- & m-Xylenes	8.854	91	846269	22.65	ppb	99
77) o-Xylene	9.286	91	414177	11.51	ppb	99
78) Styrene	9.310	104	330953	11.50	ppb	99
79) Bromoform	9.548	173	41050	10.13	ppb	97
81) Isopropylbenzene	9.682	105	490078	12.15	ppb	100
83) 1,1,2,2-Tetrachloroethane	10.047	83	87086	11.76	ppb	100
84) Bromobenzene	10.041	77	174152	11.47	ppb	98
85) trans-1,4-Dichloro-2-b...	10.107	53	10992	8.02	ppb	55
86) 1,2,3-Trichloropropane	10.095	110	23298	12.21	ppb	94
87) n-Propylbenzene	10.132	91	544740	11.36	ppb	99
88) n-Decane	10.296	57	17553	7.46	ppb	85
89) p-Ethyltoluene	10.253	105	416762	10.83	ppb	100
90) 1,3,5-Trimethylbenzene	10.326	105	354332	11.14	ppb	99
91) 2-Chlorotoluene	10.247	91	359306	11.03	ppb	98
92) 4-Chlorotoluene	10.363	91	367877	11.28	ppb	99
93) tert-Butylbenzene	10.685	119	271626	11.11	ppb	100
94) 1,2,4-Trimethylbenzene	10.746	105	348262	11.18	ppb	99
95) sec-Butylbenzene	10.929	105	351840	10.51	ppb	99
96) Limonene	11.032	68	24571	3.79	ppb	99
97) 1,3-Dichlorobenzene	11.087	146	191646	11.07	ppb	98
98) p-Isopropyltoluene	11.093	119	295451	9.30	ppb	99
99) 1,4-Dichlorobenzene	11.184	146	194362	11.30	ppb	99
100) 1,2,3-Trimethylbenzene	11.221	105	335515	10.96	ppb	100
101) p-Diethylbenzene	11.525	105	133455	8.53	ppb	96
102) trans-Decahydronapthalene	11.531	138	17100	6.63	ppb	97
103) 1,2-Dichlorobenzene	11.610	146	169347	10.67	ppb	97
104) n-Butylbenzene	11.555	91	246973	9.36	ppb	98
106) n-Undecane	11.634	71	9139	8.44	ppb	79
107) cis-Decahydronapthalene	12.182	138	11744	6.65	ppb	# 96
108) 1,2-Dibromo-3-chloropr...	12.504	75	10753	10.64	ppb	93
109) 1,2,4,5-Tetramethylben...	12.413	119	182950	7.80	ppb	98

Data Path : C:\msdchem\1\data\V8-05-08-26\
 Data File : V8-012828.D
 Acq On : 9 May 2026 1:51 am
 Operator : THD
 InstName : VOA No. 8
 Sample : BE60494-BS1
 Misc : 9 out
 ALS Vial : 67 Sample Multiplier: 1

Quant Time: May 09 15:23:17 2026
 Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Fri May 08 12:52:12 2026
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
110) Nitrobenzene	12.754	77	3319	12.01	ppb	89
111) 1,2,4-Trichlorobenzene	13.435	180	50354	8.14	ppb	99
112) Hexachloro-1,3-Butadiene	13.606	225	13016	8.10	ppb	95
113) Naphthalene	13.715	128	131104	8.39	ppb	99
114) 1,2,3-Trichlorobenzene	13.995	180	39872	8.04	ppb	98

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

Data Path : C:\msdchem\1\data\V8-05-08-26\
 Data File : V8-012829.D
 Acq On : 9 May 2026 2:23 am
 Operator : THD
 InstName : VOA No. 8
 Sample : BE60494-BSD1
 Misc : 10 out
 ALS Vial : 68 Sample Multiplier: 1

Quant Time: May 09 15:24:24 2026
 Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Fri May 08 12:52:12 2026
 Response via : Initial Calibration

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

Internal Standards						
1) FLUOROBENZENE (ISTD)	5.593	50	52449	10.00	ppb	0.00
48) CHLOROBENZENE-d5 (ISTD)	8.611	119	135996	10.00	ppb	0.00
80) 1,2-DICHLOROBENZENE-d4...	11.586	152	167687	10.00	ppb	0.00
System Monitoring Compounds						
42) d4-1,2-Dichloroethane ...	5.301	65	115553	9.73	ppb	0.00
Spiked Amount 10.000	Range	69 - 130	Recovery	=	97.30%	
60) Toluene-d8 (SURR)	7.114	98	568756	10.30	ppb	0.00
Spiked Amount 10.000	Range	81 - 117	Recovery	=	103.00%	
82) p-Bromofluorobenzene (...)	9.876	95	189705	10.60	ppb	0.00
Spiked Amount 10.000	Range	79 - 122	Recovery	=	106.00%	
Target Compounds						
					Qvalue	
3) Freon 152a	1.470	65	38527	9.09	ppb	# 27
4) Dichlorodifluoromethane	1.458	85	33763	8.11	ppb	94
5) Freon 22	1.511	67	28547	16.86	ppb	65
6) Chlorodifluoromethane ...	1.511	67	28547	16.86	ppb	65
7) Chloromethane	1.676	50	83313	8.57	ppb	# 23
8) Vinyl Chloride	1.736	62	112104	9.28	ppb	97
9) Bromomethane	2.053	94	42434	6.68	ppb	100
10) Chloroethane	2.156	64	72993	10.00	ppb	100
11) Trichlorofluoromethane	2.393	101	132453	8.97	ppb	99
12) Ethyl Ether	2.667	59	130890	19.02	ppb	99
13) Ethanol	2.606	45	5902	62.09	ppb	92
14) Freon 123	2.752	83	146138	9.19	ppb	99
15) 1,1-Dichloroethylene	2.892	61	140250	9.41	ppb	97
16) Freon 113	2.874	101	78223	7.95	ppb	97
17) Acrolein	2.807	56	24155	27.74	ppb	97
18) Acetone	2.953	58	6252	9.49	ppb	90
19) Iodomethane	3.044	142	49034	4.59	ppb	100
20) Carbon disulfide	3.105	76	277348	9.64	ppb	99
21) Allyl Chloride	3.233	41	130881	8.73	ppb	93
22) Methyl Acetate	3.251	43	30137	8.28	ppb	100
23) tert-Butyl Alcohol (TBA)	3.482	59	43066	50.95	ppb	97
24) Methylene Chloride	3.361	49	115101	9.81	ppb	98
25) Acrylonitrile	3.598	53	19236	11.55	ppb	93
26) trans-1,2-Dichloroethy...	3.604	61	143853	9.74	ppb	98
27) tert-Butyl Methyl Ethe...	3.592	73	190629	9.57	ppb	99
28) n-hexane	3.817	57	82814	7.03	ppb	98
29) 1,1-Dichloroethane	3.999	63	190987	9.95	ppb	99
30) Vinyl Acetate	4.030	86	13900	10.92	ppb	96
31) Diisopropyl ether (DIPE)	4.024	45	271072	10.03	ppb	99
32) Ethyl-tert-Butyl ether...	4.358	59	181520	7.81	ppb	99
33) cis-1,2-Dichloroethylene	4.535	61	159069	10.17	ppb	97
34) 2-Butanone	4.547	72	6982	9.39	ppb	73
35) 2,2-Dichloropropane	4.523	77	119787	8.92	ppb	99
36) Tetrahydrofuran	4.809	71	7049	10.55	ppb	91
37) Bromochloromethane	4.766	49	68846	10.45	ppb	93
38) Chloroform	4.833	83	198372	9.94	ppb	99
39) 1,1,1-Trichloroethane	4.985	97	164852	9.59	ppb	99
40) Cyclohexane	5.028	56	128312	7.89	ppb	96
41) 1,1-Dichloropropylene	5.137	75	160714	10.12	ppb	98
43) Carbon Tetrachloride	5.137	117	133751	10.07	ppb	98
44) tert-Amyl alcohol (TAA)	5.356	59	41572	68.45	ppb	97
45) 1,2-Dichloroethane	5.368	62	107965	9.97	ppb	97
46) Benzene	5.338	78	468281	9.96	ppb	99

Data Path : C:\msdchem\1\data\V8-05-08-26\
 Data File : V8-012829.D
 Acq On : 9 May 2026 2:23 am
 Operator : THD
 InstName : VOA No. 8
 Sample : BE60494-BSD1
 Misc : 10 out
 ALS Vial : 68 Sample Multiplier: 1

Quant Time: May 09 15:24:24 2026
 Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Fri May 08 12:52:12 2026
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) tert-Amyl methyl ether...	5.417	73	131481	7.11	ppb	99
49) Trichloroethylene	5.940	95	116504	10.16	ppb	99
50) Methyl Cyclohexane	6.104	83	125953	7.33	ppb	88
51) Methyl Methacrylate	6.256	69	47601	11.61	ppb	98
52) Dibromomethane	6.299	93	49506	10.96	ppb	99
53) Bromodichloromethane	6.439	83	133091	10.88	ppb	98
54) 1,2-Dichloropropane	6.165	63	107833	10.61	ppb	99
55) 1,4-Dioxane	6.305	88	13783	242.18	ppb	92
56) 2-Nitropropane	6.658	43	12983	10.97	ppb	97
58) cis-1,3-Dichloropropene	6.865	75	146388	11.14	ppb	98
59) 4-Methyl-2-Pentanone	6.999	43	50569	11.79	ppb	# 97
61) Toluene	7.181	91	512532	10.59	ppb	100
62) n-Octane	7.254	85	21013	8.05	ppb	97
63) Ethyl Methacrylate	7.479	69	99973	11.72	ppb	98
64) trans-1,3-Dichloropropene	7.425	75	108287	10.50	ppb	98
65) 1,1,2-Trichloroethane	7.613	97	75774	11.23	ppb	95
66) 1,3-Dichloropropane	7.783	76	131864	11.11	ppb	98
67) Tetrachloroethylene	7.741	166	117722	6.50	ppb	98
68) 2-Hexanone	7.844	43	32679	10.81	ppb	94
69) n-Butyl Actetate	7.960	43	75467	10.10	ppb	98
70) Dibromochloromethane	8.033	129	82274	11.18	ppb	98
71) 1,2-Dibromoethane	8.148	107	67906	11.18	ppb	96
72) Chlorobenzene	8.641	112	307704	10.67	ppb	97
73) 1,1,1,2-tetrachloroethane	8.726	131	94301	10.87	ppb	97
74) n-Nonane	8.842	57	18083	6.93	ppb	96
75) Ethyl Benzene	8.732	91	545152	10.73	ppb	99
76) p- & m-Xylenes	8.860	91	825092	21.88	ppb	99
77) o-Xylene	9.286	91	406611	11.19	ppb	98
78) Styrene	9.310	104	328665	11.31	ppb	99
79) Bromoform	9.548	173	40458	9.89	ppb	97
81) Isopropylbenzene	9.681	105	474078	11.74	ppb	100
83) 1,1,2,2-Tetrachloroethane	10.053	83	86771	11.71	ppb	100
84) Bromobenzene	10.040	77	170712	11.23	ppb	98
85) trans-1,4-Dichloro-2-b...	10.101	53	11222	8.18	ppb	# 39
86) 1,2,3-Trichloropropane	10.095	110	23022	12.06	ppb	99
87) n-Propylbenzene	10.132	91	524783	10.94	ppb	99
88) n-Decane	10.296	57	17990	7.59	ppb	88
89) p-Ethyltoluene	10.253	105	400717	10.40	ppb	100
90) 1,3,5-Trimethylbenzene	10.326	105	342606	10.76	ppb	100
91) 2-Chlorotoluene	10.247	91	353389	10.84	ppb	99
92) 4-Chlorotoluene	10.363	91	356522	10.92	ppb	99
93) tert-Butylbenzene	10.685	119	264346	10.81	ppb	99
94) 1,2,4-Trimethylbenzene	10.746	105	349368	11.20	ppb	98
95) sec-Butylbenzene	10.929	105	335929	10.03	ppb	100
96) Limonene	11.032	68	23572	3.64	ppb	94
97) 1,3-Dichlorobenzene	11.087	146	186151	10.74	ppb	99
98) p-Isopropyltoluene	11.093	119	283029	8.90	ppb	99
99) 1,4-Dichlorobenzene	11.184	146	189919	11.03	ppb	99
100) 1,2,3-Trimethylbenzene	11.227	105	323286	10.55	ppb	100
101) p-Diethylbenzene	11.525	105	126551	8.09	ppb	97
102) trans-Decahydronapthalene	11.531	138	15620	6.11	ppb	96
103) 1,2-Dichlorobenzene	11.610	146	166032	10.45	ppb	98
104) n-Butylbenzene	11.555	91	237582	8.99	ppb	98
106) n-Undecane	11.634	71	8240	8.05	ppb	# 67
107) cis-Decahydronapthalene	12.176	138	10535	6.05	ppb	# 99
108) 1,2-Dibromo-3-chloropr...	12.504	75	10540	10.43	ppb	96
109) 1,2,4,5-Tetramethylben...	12.419	119	175212	7.47	ppb	99

Data Path : C:\msdchem\1\data\V8-05-08-26\
 Data File : V8-012829.D
 Acq On : 9 May 2026 2:23 am
 Operator : THD
 InstName : VOA No. 8
 Sample : BE60494-BSD1
 Misc : 10 out
 ALS Vial : 68 Sample Multiplier: 1

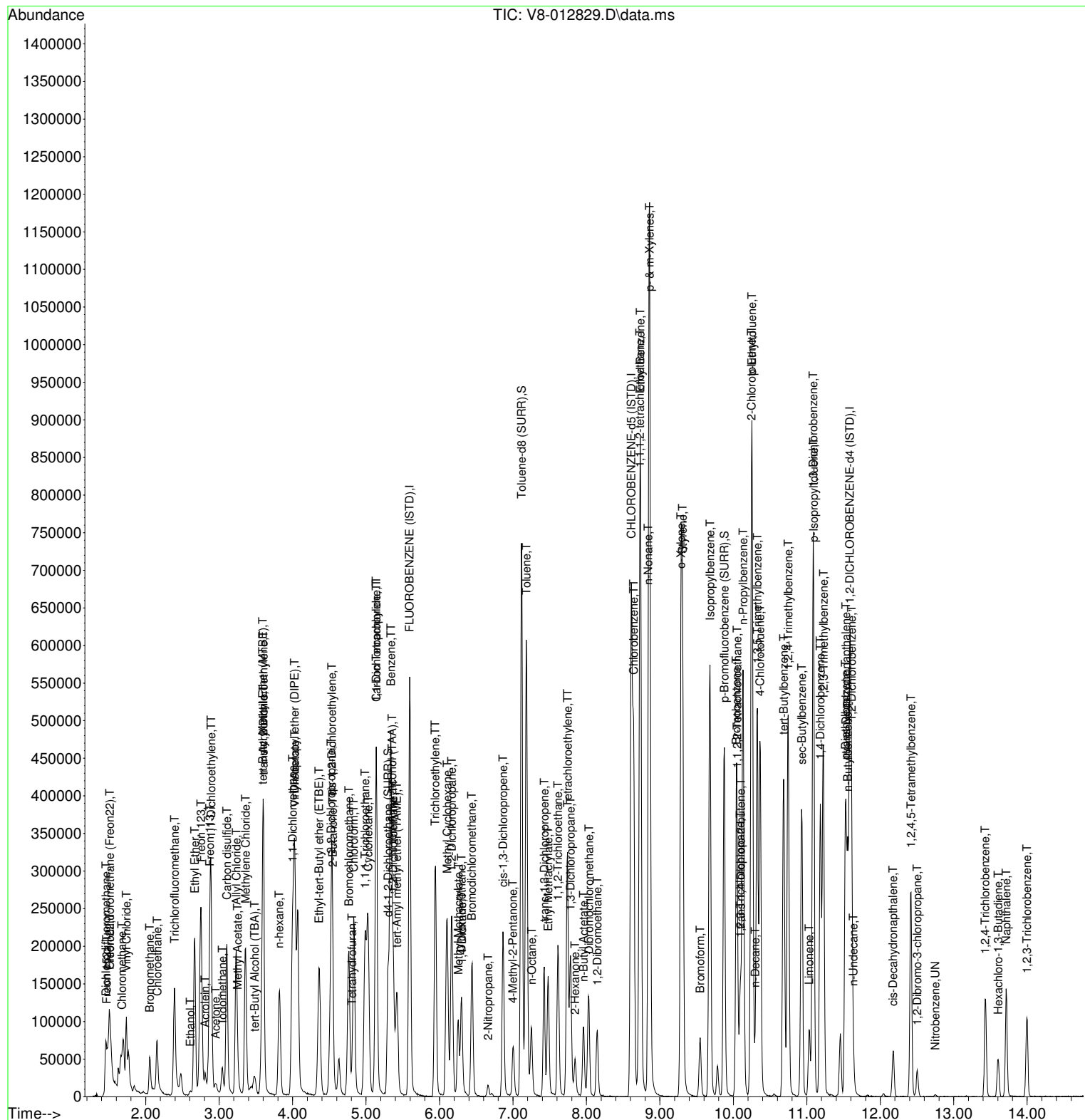
Quant Time: May 09 15:24:24 2026
 Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Fri May 08 12:52:12 2026
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
110) Nitrobenzene	12.748	77	2128	7.71	ppb	94
111) 1,2,4-Trichlorobenzene	13.429	180	51907	8.38	ppb	97
112) Hexachloro-1,3-Butadiene	13.605	225	12283	7.63	ppb	99
113) Naphthalene	13.715	128	133678	8.55	ppb	98
114) 1,2,3-Trichlorobenzene	13.995	180	41210	8.30	ppb	97

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

Data Path : C:\msdchem\1\data\V8-05-08-26\
Data File : V8-012829.D
Acq On : 9 May 2026 2:23 am
Operator : THD
InstName : VOA No. 8
Sample : BE60494-BSD1
Misc : 10 out
ALS Vial : 68 Sample Multiplier: 1

Quant Time: May 09 15:24:24 2026
Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Fri May 08 12:52:12 2026
Response via : Initial Calibration



LCS RAW DATA

SDG: 26E0163
CLASS: VOA
METHOD: EPA 8260D

Data Path : C:\msdchem\1\data\V8-05-09-26\
 Data File : V8-012851.D
 Acq On : 9 May 2026 2:30 pm
 Operator : THD
 InstName : VOA No. 8
 Sample : BE60547-BS1
 Misc :
 ALS Vial : 90 Sample Multiplier: 1

Quant Time: May 11 11:35:13 2026
 Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Fri May 08 12:52:12 2026
 Response via : Initial Calibration

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

Internal Standards						
1) FLUOROBENZENE (ISTD)	5.593	50	51687	10.00	ppb	0.00
48) CHLOROBENZENE-d5 (ISTD)	8.611	119	139053	10.00	ppb	0.00
80) 1,2-DICHLOROBENZENE-d4...	11.592	152	167344	10.00	ppb	0.00
System Monitoring Compounds						
42) d4-1,2-Dichloroethane ...	5.301	65	115915	9.91	ppb	0.00
Spiked Amount 10.000	Range	69 - 130	Recovery	=	99.10%	
60) Toluene-d8 (SURR)	7.120	98	585207	10.37	ppb	0.00
Spiked Amount 10.000	Range	81 - 117	Recovery	=	103.70%	
82) p-Bromofluorobenzene (...)	9.876	95	180662	10.12	ppb	0.00
Spiked Amount 10.000	Range	79 - 122	Recovery	=	101.20%	
Target Compounds						Qvalue
2) Freon 115	1.317	85	91	1.67	ppb	# 1
3) Freon 152a	1.458	65	39763	9.52	ppb	# 20
4) Dichlorodifluoromethane	1.458	85	40330	9.49	ppb	92
5) Freon 22	1.505	67	29416	17.62	ppb	71
6) Chlorodifluoromethane ...	1.505	67	29416	17.62	ppb	71
7) Chloromethane	1.669	50	116507	12.16	ppb	# 21
8) Vinyl Chloride	1.736	62	124263	10.45	ppb	100
9) Bromomethane	2.059	94	56745	9.07	ppb	97
10) Chloroethane	2.156	64	81201	11.29	ppb	98
11) Trichlorofluoromethane	2.399	101	157462	10.82	ppb	99
12) Ethyl Ether	2.667	59	141096	20.80	ppb	99
14) Freon 123	2.752	83	164106	10.48	ppb	98
15) 1,1-Dichloroethylene	2.892	61	157987	10.76	ppb	97
16) Freon 113	2.874	101	103009	10.62	ppb	99
17) Acrolein	2.813	56	26375	30.74	ppb	97
18) Acetone	2.959	58	5524	8.48	ppb	96
19) Iodomethane	3.044	142	78532	7.37	ppb	96
20) Carbon disulfide	3.105	76	289205	10.20	ppb	100
21) Allyl Chloride	3.233	41	145869	9.87	ppb	92
22) Methyl Acetate	3.251	43	35410	9.87	ppb	100
23) tert-Butyl Alcohol (TBA)	3.482	59	35899	43.10	ppb	96
24) Methylene Chloride	3.361	49	125283	10.83	ppb	97
25) Acrylonitrile	3.604	53	21348	13.01	ppb	90
26) trans-1,2-Dichloroethy...	3.604	61	159543	10.96	ppb	98
27) tert-Butyl Methyl Ethe...	3.592	73	208501	10.63	ppb	99
28) n-hexane	3.823	57	128160	11.03	ppb	98
29) 1,1-Dichloroethane	3.999	63	207138	10.96	ppb	99
30) Vinyl Acetate	4.030	86	16664	13.28	ppb	86
31) Diisopropyl ether (DIPE)	4.024	45	287504	10.80	ppb	98
32) Ethyl-tert-Butyl ether...	4.364	59	200448	8.77	ppb	99
33) cis-1,2-Dichloroethylene	4.541	61	175507	11.39	ppb	96
34) 2-Butanone	4.553	72	7658	10.45	ppb	83
35) 2,2-Dichloropropane	4.523	77	163923	12.39	ppb	98
36) Tetrahydrofuran	4.821	71	7138	10.84	ppb	85
37) Bromochloromethane	4.766	49	72745	11.20	ppb	91
38) Chloroform	4.833	83	213099	10.84	ppb	98
39) 1,1,1-Trichloroethane	4.991	97	183740	10.85	ppb	99
40) Cyclohexane	5.027	56	172487	10.77	ppb	95
41) 1,1-Dichloropropylene	5.137	75	173589	11.09	ppb	98
43) Carbon Tetrachloride	5.137	117	144968	11.07	ppb	100
44) tert-Amyl alcohol (TAA)	5.362	59	41425	69.21	ppb	98
45) 1,2-Dichloroethane	5.374	62	116303	10.89	ppb	98
46) Benzene	5.338	78	513683	11.08	ppb	99

Data Path : C:\msdchem\1\data\V8-05-09-26\
 Data File : V8-012851.D
 Acq On : 9 May 2026 2:30 pm
 Operator : THD
 InstName : VOA No. 8
 Sample : BE60547-BS1
 Misc :
 ALS Vial : 90 Sample Multiplier: 1

Quant Time: May 11 11:35:13 2026
 Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Fri May 08 12:52:12 2026
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
47) tert-Amyl methyl ether...	5.417	73	146281	8.03	ppb	99
49) Trichloroethylene	5.946	95	126959	10.83	ppb	98
50) Methyl Cyclohexane	6.104	83	168379	9.59	ppb	90
51) Methyl Methacrylate	6.256	69	52087	12.42	ppb	94
52) Dibromomethane	6.299	93	52173	11.30	ppb	96
53) Bromodichloromethane	6.445	83	142550	11.39	ppb	99
54) 1,2-Dichloropropane	6.171	63	118927	11.44	ppb	99
55) 1,4-Dioxane	6.311	88	10972	188.55	ppb	76
56) 2-Nitropropane	6.664	43	13828	11.43	ppb	100
58) cis-1,3-Dichloropropene	6.871	75	164096	12.21	ppb	99
59) 4-Methyl-2-Pentanone	7.005	43	50443	11.50	ppb	# 95
61) Toluene	7.187	91	571168	11.54	ppb	100
62) n-Octane	7.248	85	32815	12.30	ppb	97
63) Ethyl Methacrylate	7.479	69	107124	12.28	ppb	96
64) trans-1,3-Dichloropropene	7.424	75	120655	11.44	ppb	96
65) 1,1,2-Trichloroethane	7.613	97	80232	11.63	ppb	98
66) 1,3-Dichloropropane	7.783	76	141741	11.68	ppb	98
67) Tetrachloroethylene	7.741	166	132945	7.18	ppb	98
68) 2-Hexanone	7.844	43	35542	11.50	ppb	98
69) n-Butyl Actetate	7.960	43	84281	11.03	ppb	96
70) Dibromochloromethane	8.033	129	86757	11.53	ppb	98
71) 1,2-Dibromoethane	8.148	107	71709	11.55	ppb	99
72) Chlorobenzene	8.641	112	333900	11.32	ppb	97
73) 1,1,1,2-tetrachloroethane	8.726	131	101166	11.40	ppb	97
74) n-Nonane	8.842	57	26695	9.55	ppb	96
75) Ethyl Benzene	8.738	91	604852	11.64	ppb	100
76) p- & m-Xylenes	8.860	91	913804	23.70	ppb	99
77) o-Xylene	9.292	91	419173	11.28	ppb	99
78) Styrene	9.310	104	332725	11.20	ppb	99
79) Bromoform	9.548	173	39502	9.45	ppb	95
81) Isopropylbenzene	9.681	105	493199	12.24	ppb	100
83) 1,1,2,2-Tetrachloroethane	10.053	83	87999	11.90	ppb	100
84) Bromobenzene	10.046	77	179877	11.86	ppb	99
85) trans-1,4-Dichloro-2-b...	10.101	53	11823	8.62	ppb	# 35
86) 1,2,3-Trichloropropane	10.095	110	23083	12.11	ppb	98
87) n-Propylbenzene	10.132	91	590799	12.34	ppb	99
88) n-Decane	10.296	57	23410	9.21	ppb	97
89) p-Ethyltoluene	10.259	105	440317	11.45	ppb	100
90) 1,3,5-Trimethylbenzene	10.326	105	380127	11.96	ppb	100
91) 2-Chlorotoluene	10.247	91	380393	11.69	ppb	98
92) 4-Chlorotoluene	10.369	91	388048	11.92	ppb	99
93) tert-Butylbenzene	10.685	119	285327	11.69	ppb	99
94) 1,2,4-Trimethylbenzene	10.746	105	373312	11.99	ppb	99
95) sec-Butylbenzene	10.929	105	377082	11.28	ppb	100
96) Limonene	11.038	68	41396	6.38	ppb	98
97) 1,3-Dichlorobenzene	11.087	146	197601	11.42	ppb	99
98) p-Isopropyltoluene	11.093	119	316706	9.97	ppb	99
99) 1,4-Dichlorobenzene	11.184	146	189953	11.06	ppb	99
100) 1,2,3-Trimethylbenzene	11.227	105	336938	11.01	ppb	99
101) p-Diethylbenzene	11.525	105	147874	9.45	ppb	99
102) trans-Decahydronapthalene	11.537	138	21042	7.98	ppb	95
103) 1,2-Dichlorobenzene	11.610	146	179238	11.31	ppb	99
104) n-Butylbenzene	11.555	91	276434	10.49	ppb	100
105) Hexachloroethane	11.878	119	977	0.22	ppb	96
106) n-Undecane	11.634	71	14410	10.43	ppb	# 66
107) cis-Decahydronapthalene	12.182	138	13306	7.41	ppb	# 97
108) 1,2-Dibromo-3-chloropr...	12.504	75	10117	10.03	ppb	96

Data Path : C:\msdchem\1\data\V8-05-09-26\
 Data File : V8-012851.D
 Acq On : 9 May 2026 2:30 pm
 Operator : THD
 InstName : VOA No. 8
 Sample : BE60547-BS1
 Misc :
 ALS Vial : 90 Sample Multiplier: 1

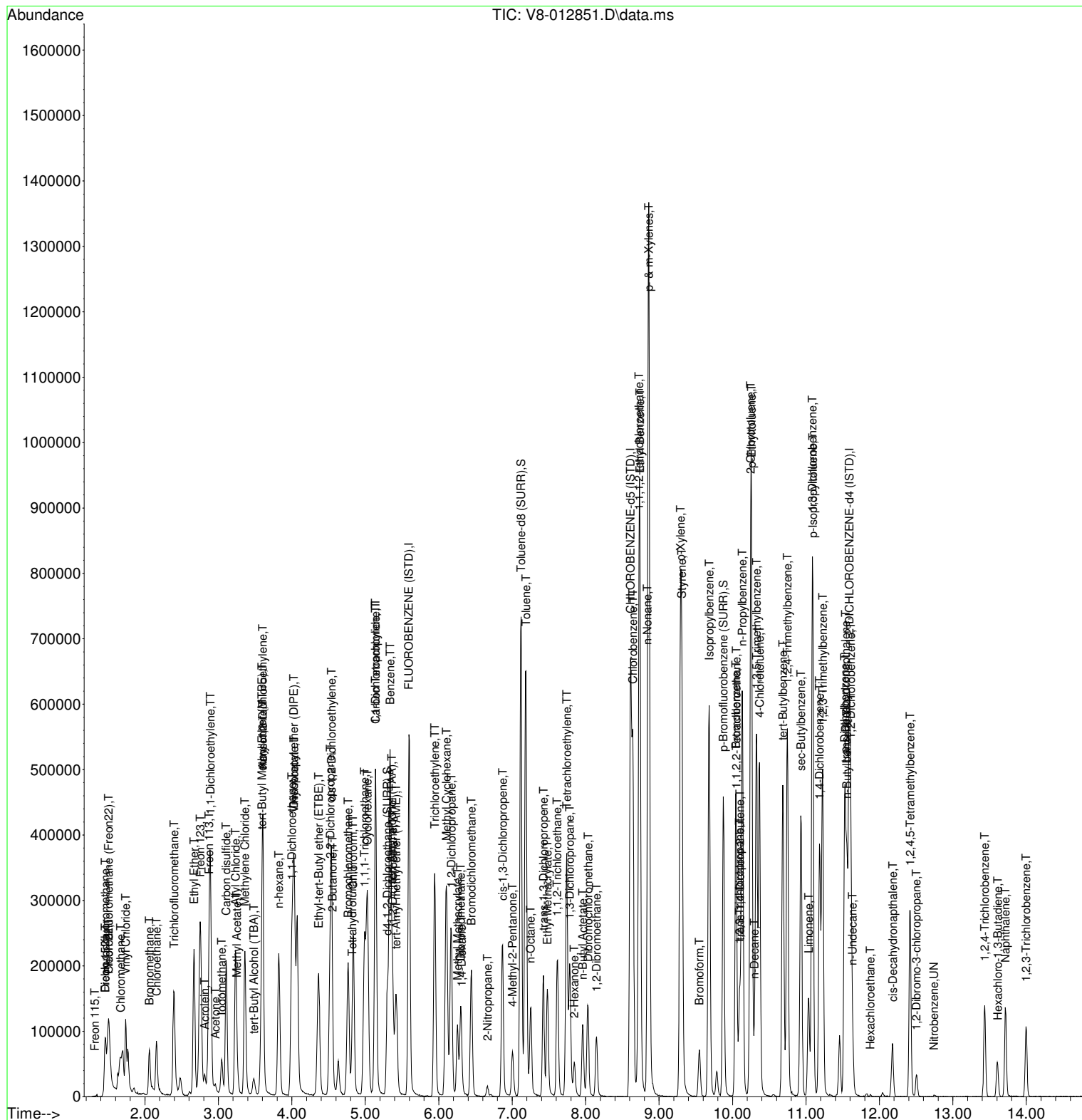
Quant Time: May 11 11:35:13 2026
 Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Fri May 08 12:52:12 2026
 Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
109)	1,2,4,5-Tetramethylben...	12.419	119	184522	7.87	ppb	99
110)	Nitrobenzene	12.741	77	2231	8.10	ppb	82
111)	1,2,4-Trichlorobenzene	13.435	180	50877	8.24	ppb	99
112)	Hexachloro-1,3-Butadiene	13.611	225	11863	7.39	ppb	95
113)	Naphthalene	13.715	128	129081	8.27	ppb	99
114)	1,2,3-Trichlorobenzene	13.995	180	38925	7.86	ppb	98

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

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Data Path   : C:\msdchem\1\data\V8-05-09-26\
Data File   : V8-012851.D
Acq On      : 9 May 2026    2:30 pm
Operator    : THD
InstName    : VOA No. 8
Sample      : BE60547-BS1
Misc        :
ALS Vial    : 90    Sample Multiplier: 1
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Quant Time: May 11 11:35:13 2026
Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Fri May 08 12:52:12 2026
Response via : Initial Calibration



LCS RAW DATA

SDG: 26E0163
CLASS: VOA
METHOD: EPA 8260D

Data Path : C:\msdchem\1\data\V8-05-11-26\
 Data File : V8-012899.D
 Acq On : 11 May 2026 9:17 am
 Operator : THD
 InstName : VOA No. 8
 Sample : BE60583-BS1
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Quant Time: May 11 09:35:29 2026
 Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Fri May 08 12:52:12 2026
 Response via : Initial Calibration

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

Internal Standards						
1) FLUOROBENZENE (ISTD)	5.587	50	51155	10.00	ppb	0.00
48) CHLOROBENZENE-d5 (ISTD)	8.611	119	124896	10.00	ppb	0.00
80) 1,2-DICHLOROBENZENE-d4...	11.579	152	156296	10.00	ppb	0.00
System Monitoring Compounds						
42) d4-1,2-Dichloroethane ...	5.295	65	106407	9.19	ppb	0.00
Spiked Amount 10.000	Range	69 - 130	Recovery	=	91.90%	
60) Toluene-d8 (SURR)	7.114	98	536045	10.57	ppb	0.00
Spiked Amount 10.000	Range	81 - 117	Recovery	=	105.70%	
82) p-Bromofluorobenzene (...)	9.870	95	176013	10.55	ppb	0.00
Spiked Amount 10.000	Range	79 - 122	Recovery	=	105.50%	
Target Compounds						
					Qvalue	
3) Freon 152a	1.446	65	32031	7.73	ppb	# 9
4) Dichlorodifluoromethane	1.458	85	39850	9.48	ppb	99
5) Freon 22	1.493	67	25832	15.64	ppb	62
6) Chlorodifluoromethane ...	1.493	67	25832	15.64	ppb	62
7) Chloromethane	1.657	50	101556	10.71	ppb	# 19
8) Vinyl Chloride	1.736	62	102860	8.73	ppb	100
9) Bromomethane	2.059	94	60674	9.80	ppb	98
10) Chloroethane	2.156	64	71425	10.04	ppb	96
11) Trichlorofluoromethane	2.393	101	122299	8.49	ppb	99
12) Ethyl Ether	2.667	59	131515	19.59	ppb	98
13) Ethanol	2.612	45	5382	58.04	ppb	96
14) Freon 123	2.752	83	140810	9.08	ppb	99
15) 1,1-Dichloroethylene	2.892	61	134464	9.25	ppb	98
16) Freon 113	2.874	101	79529	8.29	ppb	96
17) Acrolein	2.813	56	25979	30.59	ppb	95
18) Acetone	2.947	58	6017	9.36	ppb	99
19) Iodomethane	3.044	142	93338	8.81	ppb	96
20) Carbon disulfide	3.105	76	261890	9.34	ppb	99
21) Allyl Chloride	3.233	41	142814	9.77	ppb	91
22) Methyl Acetate	3.257	43	34398	9.69	ppb	99
23) tert-Butyl Alcohol (TBA)	3.476	59	38674	46.91	ppb	97
24) Methylene Chloride	3.361	49	117505	10.27	ppb	94
25) Acrylonitrile	3.598	53	20220	12.45	ppb	90
26) trans-1,2-Dichloroethy...	3.604	61	144416	10.03	ppb	98
27) tert-Butyl Methyl Ethe...	3.586	73	187587	9.66	ppb	99
28) n-hexane	3.817	57	104774	9.11	ppb	99
29) 1,1-Dichloroethane	3.993	63	195394	10.44	ppb	99
30) Vinyl Acetate	4.030	86	15805	12.73	ppb	86
31) Diisopropyl ether (DIPE)	4.024	45	273446	10.38	ppb	97
32) Ethyl-tert-Butyl ether...	4.358	59	184794	8.16	ppb	98
33) cis-1,2-Dichloroethylene	4.535	61	162727	10.67	ppb	95
34) 2-Butanone	4.553	72	8196	11.30	ppb	81
35) 2,2-Dichloropropane	4.516	77	157572	12.03	ppb	98
36) Tetrahydrofuran	4.808	71	7752	11.90	ppb	99
37) Bromochloromethane	4.766	49	68970	10.73	ppb	85
38) Chloroform	4.833	83	193182	9.92	ppb	98
39) 1,1,1-Trichloroethane	4.985	97	162565	9.70	ppb	98
40) Cyclohexane	5.021	56	133105	8.39	ppb	94
41) 1,1-Dichloropropylene	5.137	75	153238	9.89	ppb	96
43) Carbon Tetrachloride	5.137	117	122328	9.44	ppb	100
44) tert-Amyl alcohol (TAA)	5.356	59	39340	66.41	ppb	97
45) 1,2-Dichloroethane	5.368	62	107409	10.16	ppb	99
46) Benzene	5.332	78	469820	10.24	ppb	100

Data Path : C:\msdchem\1\data\V8-05-11-26\
 Data File : V8-012899.D
 Acq On : 11 May 2026 9:17 am
 Operator : THD
 InstName : VOA No. 8
 Sample : BE60583-BS1
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Quant Time: May 11 09:35:29 2026
 Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Fri May 08 12:52:12 2026
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) tert-Amyl methyl ether...	5.417	73	135501	7.51	ppb	98
49) Trichloroethylene	5.940	95	114555	10.88	ppb	99
50) Methyl Cyclohexane	6.104	83	132068	8.37	ppb	92
51) Methyl Methacrylate	6.256	69	48011	12.75	ppb	96
52) Dibromomethane	6.293	93	49607	11.96	ppb	97
53) Bromodichloromethane	6.439	83	133310	11.86	ppb	99
54) 1,2-Dichloropropane	6.165	63	109199	11.70	ppb	99
55) 1,4-Dioxane	6.305	88	15824	302.76	ppb	91
56) 2-Nitropropane	6.652	43	13435	12.37	ppb	95
58) cis-1,3-Dichloropropene	6.865	75	152915	12.67	ppb	99
59) 4-Methyl-2-Pentanone	6.999	43	49970	12.68	ppb	# 99
61) Toluene	7.181	91	512413	11.53	ppb	100
62) n-Octane	7.248	85	26989	11.26	ppb	92
63) Ethyl Methacrylate	7.473	69	97210	12.41	ppb	98
64) trans-1,3-Dichloropropene	7.418	75	114732	12.12	ppb	98
65) 1,1,2-Trichloroethane	7.607	97	73799	11.91	ppb	99
66) 1,3-Dichloropropane	7.783	76	129055	11.84	ppb	99
67) Tetrachloroethylene	7.735	166	109578	6.59	ppb	99
68) 2-Hexanone	7.844	43	33147	11.94	ppb	97
69) n-Butyl Actetate	7.954	43	83437	12.16	ppb	97
70) Dibromochloromethane	8.021	129	77998	11.54	ppb	98
71) 1,2-Dibromoethane	8.142	107	65488	11.74	ppb	100
72) Chlorobenzene	8.635	112	296674	11.20	ppb	100
73) 1,1,1,2-tetrachloroethane	8.720	131	91298	11.45	ppb	98
74) n-Nonane	8.836	57	28724	11.13	ppb	98
75) Ethyl Benzene	8.732	91	536104	11.49	ppb	99
76) p- & m-Xylenes	8.854	91	810189	23.39	ppb	99
77) o-Xylene	9.286	91	396399	11.88	ppb	98
78) Styrene	9.304	104	319136	11.96	ppb	100
79) Bromoform	9.541	173	38560	10.26	ppb	99
81) Isopropylbenzene	9.675	105	457584	12.16	ppb	99
83) 1,1,2,2-Tetrachloroethane	10.046	83	83191	12.05	ppb	99
84) Bromobenzene	10.040	77	172450	12.18	ppb	97
85) trans-1,4-Dichloro-2-b...	10.095	53	13912	10.81	ppb	# 51
86) 1,2,3-Trichloropropane	10.089	110	21650	12.16	ppb	99
87) n-Propylbenzene	10.126	91	524623	11.73	ppb	99
88) n-Decane	10.290	57	27273	10.77	ppb	89
89) p-Ethyltoluene	10.253	105	396341	11.04	ppb	98
90) 1,3,5-Trimethylbenzene	10.320	105	337314	11.37	ppb	100
91) 2-Chlorotoluene	10.241	91	344006	11.32	ppb	99
92) 4-Chlorotoluene	10.363	91	356755	11.73	ppb	100
93) tert-Butylbenzene	10.679	119	252004	11.05	ppb	100
94) 1,2,4-Trimethylbenzene	10.740	105	338344	11.64	ppb	100
95) sec-Butylbenzene	10.929	105	330821	10.59	ppb	100
96) Limonene	11.026	68	40238	6.64	ppb	94
97) 1,3-Dichlorobenzene	11.081	146	179920	11.14	ppb	99
98) p-Isopropyltoluene	11.087	119	283852	9.57	ppb	99
99) 1,4-Dichlorobenzene	11.178	146	182981	11.40	ppb	99
100) 1,2,3-Trimethylbenzene	11.221	105	315008	11.02	ppb	100
101) p-Diethylbenzene	11.525	105	130394	8.93	ppb	# 80
102) trans-Decahydronapthalene	11.525	138	20014	8.10	ppb	94
103) 1,2-Dichlorobenzene	11.604	146	160503	10.84	ppb	98
104) n-Butylbenzene	11.549	91	254184	10.32	ppb	# 83
105) Hexachloroethane	11.878	119	1019	0.25	ppb	# 65
106) n-Undecane	11.634	71	17831	11.91	ppb	# 56
107) cis-Decahydronapthalene	12.170	138	14083	8.23	ppb	# 99
108) 1,2-Dibromo-3-chloropr...	12.498	75	10319	10.94	ppb	95

Data Path : C:\msdchem\1\data\V8-05-11-26\
 Data File : V8-012899.D
 Acq On : 11 May 2026 9:17 am
 Operator : THD
 InstName : VOA No. 8
 Sample : BE60583-BS1
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

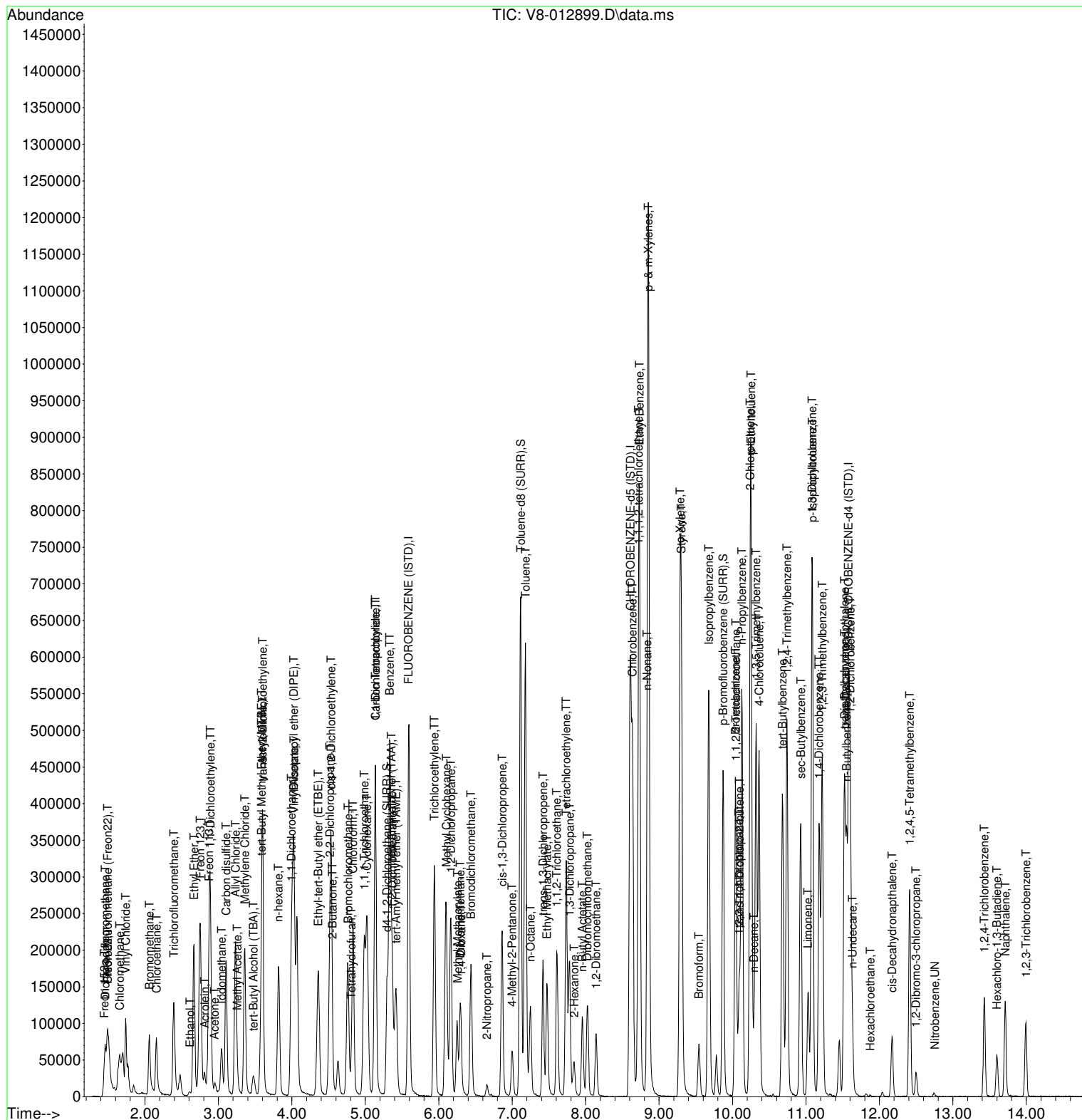
Quant Time: May 11 09:35:29 2026
 Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Fri May 08 12:52:12 2026
 Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
109)	1,2,4,5-Tetramethylben...	12.413	119	182734	8.34	ppb	99
110)	Nitrobenzene	12.754	77	3442	13.34	ppb	87
111)	1,2,4-Trichlorobenzene	13.429	180	49042	8.50	ppb	97
112)	Hexachloro-1,3-Butadiene	13.599	225	13217	8.81	ppb	95
113)	Naphthalene	13.715	128	122758	8.42	ppb	99
114)	1,2,3-Trichlorobenzene	13.995	180	36777	7.95	ppb	97

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

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Data Path   : C:\msdchem\1\data\V8-05-11-26\  
Data File   : V8-012899.D  
Acq On      : 11 May 2026    9:17 am  
Operator    : THD  
InstName    : VOA No. 8  
Sample      : BE60583-BS1  
Misc        :  
ALS Vial    : 38    Sample Multiplier: 1
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Quant Time: May 11 09:35:29 2026
Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Fri May 08 12:52:12 2026
Response via : Initial Calibration



Data Path : C:\msdchem\1\data\V8-05-11-26\
 Data File : V8-012900.D
 Acq On : 11 May 2026 9:49 am
 Operator : THD
 InstName : VOA No. 8
 Sample : BE60583-BSD1
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Quant Time: May 11 10:17:35 2026
 Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Fri May 08 12:52:12 2026
 Response via : Initial Calibration

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

Internal Standards						
1) FLUOROBENZENE (ISTD)	5.587	50	50769	10.00	ppb	0.00
48) CHLOROBENZENE-d5 (ISTD)	8.605	119	123429	10.00	ppb	0.00
80) 1,2-DICHLOROBENZENE-d4...	11.586	152	154309	10.00	ppb	0.00
System Monitoring Compounds						
42) d4-1,2-Dichloroethane ...	5.295	65	107112	9.32	ppb	0.00
Spiked Amount 10.000	Range 69	- 130	Recovery	=	93.20%	
60) Toluene-d8 (SURR)	7.114	98	528752	10.55	ppb	0.00
Spiked Amount 10.000	Range 81	- 117	Recovery	=	105.50%	
82) p-Bromofluorobenzene (...)	9.870	95	178492	10.84	ppb	0.00
Spiked Amount 10.000	Range 79	- 122	Recovery	=	108.40%	
Target Compounds						
					Qvalue	
3) Freon 152a	1.458	65	30608	7.45	ppb	# 6
4) Dichlorodifluoromethane	1.458	85	26643	6.84	ppb	95
5) Freon 22	1.493	67	24724	15.08	ppb	63
6) Chlorodifluoromethane ...	1.493	67	24724	15.08	ppb	63
7) Chloromethane	1.669	50	96698	10.27	ppb	# 22
8) Vinyl Chloride	1.730	62	98358	8.41	ppb	100
9) Bromomethane	2.053	94	61505	10.01	ppb	99
10) Chloroethane	2.150	64	67299	9.53	ppb	99
11) Trichlorofluoromethane	2.387	101	117023	8.19	ppb	99
12) Ethyl Ether	2.661	59	129255	19.40	ppb	97
13) Ethanol	2.606	45	6573	71.45	ppb	# 78
14) Freon 123	2.746	83	133927	8.70	ppb	98
15) 1,1-Dichloroethylene	2.886	61	128109	8.88	ppb	97
16) Freon 113	2.868	101	76166	8.00	ppb	96
17) Acrolein	2.807	56	26435	31.37	ppb	100
18) Acetone	2.953	58	5760	9.02	ppb	97
19) Iodomethane	3.038	142	86783	8.27	ppb	97
20) Carbon disulfide	3.099	76	242173	8.70	ppb	99
21) Allyl Chloride	3.227	41	134378	9.26	ppb	94
22) Methyl Acetate	3.251	43	32780	9.30	ppb	100
23) tert-Butyl Alcohol (TBA)	3.476	59	40005	48.89	ppb	97
24) Methylene Chloride	3.354	49	112315	9.89	ppb	96
25) Acrylonitrile	3.598	53	20363	12.63	ppb	88
26) trans-1,2-Dichloroethy...	3.598	61	140116	9.80	ppb	97
27) tert-Butyl Methyl Ethe...	3.586	73	180465	9.36	ppb	100
28) n-hexane	3.817	57	96511	8.46	ppb	97
29) 1,1-Dichloroethane	3.993	63	184004	9.91	ppb	100
30) Vinyl Acetate	4.030	86	15579	12.64	ppb	85
31) Diisopropyl ether (DIPE)	4.024	45	267329	10.22	ppb	97
32) Ethyl-tert-Butyl ether...	4.358	59	173635	7.72	ppb	98
33) cis-1,2-Dichloroethylene	4.535	61	157551	10.41	ppb	94
34) 2-Butanone	4.553	72	7136	9.91	ppb	59
35) 2,2-Dichloropropane	4.516	77	149484	11.50	ppb	98
36) Tetrahydrofuran	4.802	71	6887	10.65	ppb	91
37) Bromochloromethane	4.760	49	67294	10.55	ppb	86
38) Chloroform	4.833	83	188901	9.78	ppb	97
39) 1,1,1-Trichloroethane	4.985	97	152204	9.15	ppb	97
40) Cyclohexane	5.021	56	126903	8.06	ppb	95
41) 1,1-Dichloropropylene	5.137	75	145379	9.46	ppb	95
43) Carbon Tetrachloride	5.137	117	114770	8.92	ppb	99
44) tert-Amyl alcohol (TAA)	5.356	59	41025	69.78	ppb	94
45) 1,2-Dichloroethane	5.362	62	105682	10.08	ppb	99
46) Benzene	5.332	78	450754	9.90	ppb	100

Data Path : C:\msdchem\1\data\V8-05-11-26\
 Data File : V8-012900.D
 Acq On : 11 May 2026 9:49 am
 Operator : THD
 InstName : VOA No. 8
 Sample : BE60583-BSD1
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Quant Time: May 11 10:17:35 2026
 Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Fri May 08 12:52:12 2026
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
47) tert-Amyl methyl ether...	5.417	73	128055	7.15	ppb	98
49) Trichloroethylene	5.940	95	110251	10.60	ppb	97
50) Methyl Cyclohexane	6.098	83	133025	8.53	ppb	91
51) Methyl Methacrylate	6.250	69	47156	12.67	ppb	97
52) Dibromomethane	6.293	93	47877	11.68	ppb	98
53) Bromodichloromethane	6.439	83	126099	11.36	ppb	99
54) 1,2-Dichloropropane	6.165	63	103554	11.22	ppb	97
55) 1,4-Dioxane	6.299	88	17225	333.48	ppb	92
56) 2-Nitropropane	6.658	43	13484	12.56	ppb	99
58) cis-1,3-Dichloropropene	6.859	75	149336	12.52	ppb	100
59) 4-Methyl-2-Pentanone	6.999	43	50086	12.86	ppb	# 97
61) Toluene	7.181	91	498012	11.34	ppb	99
62) n-Octane	7.248	85	25707	10.85	ppb	97
63) Ethyl Methacrylate	7.473	69	97739	12.62	ppb	99
64) trans-1,3-Dichloropropene	7.418	75	112522	12.02	ppb	98
65) 1,1,2-Trichloroethane	7.613	97	70979	11.59	ppb	98
66) 1,3-Dichloropropane	7.777	76	126697	11.76	ppb	99
67) Tetrachloroethylene	7.735	166	104942	6.38	ppb	99
68) 2-Hexanone	7.838	43	33612	12.25	ppb	99
69) n-Butyl Actetate	7.954	43	80527	11.87	ppb	95
70) Dibromochloromethane	8.027	129	76965	11.53	ppb	98
71) 1,2-Dibromoethane	8.142	107	63549	11.53	ppb	99
72) Chlorobenzene	8.635	112	290374	11.09	ppb	99
73) 1,1,1,2-tetrachloroethane	8.720	131	88197	11.20	ppb	98
74) n-Nonane	8.836	57	23823	9.59	ppb	97
75) Ethyl Benzene	8.732	91	517820	11.23	ppb	99
76) p- & m-Xylenes	8.854	91	785658	22.95	ppb	98
77) o-Xylene	9.286	91	390470	11.84	ppb	97
78) Styrene	9.304	104	312736	11.86	ppb	100
79) Bromoform	9.541	173	38456	10.35	ppb	98
81) Isopropylbenzene	9.675	105	441376	11.88	ppb	100
83) 1,1,2,2-Tetrachloroethane	10.046	83	84649	12.41	ppb	98
84) Bromobenzene	10.040	77	164930	11.79	ppb	98
85) trans-1,4-Dichloro-2-b...	10.101	53	14541	11.43	ppb	# 58
86) 1,2,3-Trichloropropane	10.089	110	21599	12.29	ppb	96
87) n-Propylbenzene	10.126	91	511714	11.59	ppb	100
88) n-Decane	10.290	57	23265	9.72	ppb	83
89) p-Ethyltoluene	10.253	105	381445	10.76	ppb	99
90) 1,3,5-Trimethylbenzene	10.320	105	329018	11.23	ppb	100
91) 2-Chlorotoluene	10.241	91	342763	11.42	ppb	100
92) 4-Chlorotoluene	10.363	91	352628	11.74	ppb	99
93) tert-Butylbenzene	10.679	119	249751	11.09	ppb	99
94) 1,2,4-Trimethylbenzene	10.740	105	340927	11.88	ppb	98
95) sec-Butylbenzene	10.929	105	326668	10.59	ppb	99
96) Limonene	11.032	68	37652	6.30	ppb	98
97) 1,3-Dichlorobenzene	11.081	146	180636	11.33	ppb	100
98) p-Isopropyltoluene	11.087	119	283170	9.67	ppb	98
99) 1,4-Dichlorobenzene	11.178	146	177289	11.19	ppb	98
100) 1,2,3-Trimethylbenzene	11.221	105	314435	11.15	ppb	100
101) p-Diethylbenzene	11.519	105	134005	9.29	ppb	99
102) trans-Decahydronapthalene	11.531	138	19886	8.15	ppb	98
103) 1,2-Dichlorobenzene	11.604	146	157994	10.81	ppb	96
104) n-Butylbenzene	11.549	91	249249	10.25	ppb	99
106) n-Undecane	11.628	71	12588	10.17	ppb	# 76
107) cis-Decahydronapthalene	12.170	138	14042	8.30	ppb	# 99
108) 1,2-Dibromo-3-chloropr...	12.498	75	10614	11.39	ppb	95
109) 1,2,4,5-Tetramethylben...	12.413	119	183630	8.49	ppb	99

Data Path : C:\msdchem\1\data\V8-05-11-26\
 Data File : V8-012900.D
 Acq On : 11 May 2026 9:49 am
 Operator : THD
 InstName : VOA No. 8
 Sample : BE60583-BSD1
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Quant Time: May 11 10:17:35 2026
 Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Fri May 08 12:52:12 2026
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
110) Nitrobenzene	12.748	77	3052	11.99	ppb	94
111) 1,2,4-Trichlorobenzene	13.429	180	49630	8.70	ppb	98
112) Hexachloro-1,3-Butadiene	13.599	225	12983	8.77	ppb	96
113) Naphthalene	13.715	128	129561	8.99	ppb	99
114) 1,2,3-Trichlorobenzene	13.995	180	38954	8.52	ppb	98

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

PREPARATION BATCH SUMMARY

EPA 8260D

Laboratory: ALS Environmental - StratfordSDG: 26E0163

Client: Hydro Tech Environmental

Project: 230051 - 170 Freeman Street, Brooklyn

Batch: BE60494

Batch Matrix: WaterPreparation: EPA 5030B

SAMPLE NAME	LAB SAMPLE ID	LAB FILE ID	DATE PREPARED	OBSERVATIONS
MW-9 (20260505)	26E0163-01	V8-012836.D	05/07/26 07:00	
TB (20260505)	26E0163-08	V8-012832.D	05/07/26 07:00	
Blank	BE60494-BLK1	V8-012831.D	05/08/26 07:00	
LCS	BE60494-BS1	V8-012828.D	05/08/26 07:00	
LCS Dup	BE60494-BSD1	V8-012829.D	05/08/26 07:00	

FORM IV**PREPARATION BATCH SUMMARY****EPA 8260D**Laboratory: ALS Environmental - StratfordSDG: 26E0163Client: Hydro Tech EnvironmentalProject: 230051 - 170 Freeman Street, BrooklynBatch: BE60547Batch Matrix: WaterPreparation: EPA 5030B

SAMPLE NAME	LAB SAMPLE ID	LAB FILE ID	DATE PREPARED	OBSERVATIONS
MW-10 (20260505)	26E0163-02	V8-012859.D	05/09/26 07:00	
MW-11R (20260505)	26E0163-03	V8-012860.D	05/09/26 07:00	
MW-13R (20260505)	26E0163-04	V8-012861.D	05/09/26 07:00	
MW-14 (20260505)	26E0163-05	V8-012862.D	05/09/26 07:00	
MW-15 (20260505)	26E0163-06	V8-012863.D	05/09/26 07:00	
FB (20260505)	26E0163-07	V8-012856.D	05/09/26 07:00	
Blank	BE60547-BLK1	V8-012854.D	05/09/26 07:00	
LCS	BE60547-BS1	V8-012851.D	05/09/26 07:00	
MW-14 (20260505)	BE60547-MS1	V8-012870.D	05/09/26 07:00	
MW-14 (20260505)	BE60547-MSD1	V8-012871.D	05/09/26 07:00	

PREPARATION BATCH SUMMARY

EPA 8260D

Laboratory: ALS Environmental - StratfordSDG: 26E0163

Client: Hydro Tech Environmental

Project: 230051 - 170 Freeman Street, Brooklyn

Batch: BE60583Batch Matrix: WaterPreparation: EPA 5030B

SAMPLE NAME	LAB SAMPLE ID	LAB FILE ID	DATE PREPARED	OBSERVATIONS
MW-9 (20260505)	26E0163-01RE1	V8-012905.D	05/11/26 07:00	From BE60494 by ME on 05/11/2026 RE1-100X
Blank	BE60583-BLK1	V8-012902.D	05/11/26 07:00	
LCS	BE60583-BS1	V8-012899.D	05/11/26 07:00	
LCS Dup	BE60583-BSD1	V8-012900.D	05/11/26 07:00	

FORM I

METHOD BLANK DATA SHEET
EPA 8260D

Laboratory: ALS Environmental - Stratford
 Client: Hydro Tech Environmental
 Project: 230051 - 170 Freeman Street, Brooklyn
 Preparation: EPA 5030B
 Instrument: VOA No. 8
 Batch: BE60494

SDG: 26E0163
 Laboratory ID: BE60494-BLK1
 Calibration: SE60011
 File ID: V8-012831.D
 Initial/Final: 25 mL / 25 mL
 Matrix: Water

Prepared: 05/08/26 07:00
 Analyzed: 05/09/26 03:28
 Sequence: S6E0904

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	05/08/26 07:00	05/09/26 03:28	
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.500	0.266	1	EPA 8260D	05/08/26 07:00	05/09/26 03:28	
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.500	0.256	1	EPA 8260D	05/08/26 07:00	05/09/26 03:28	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.500	0.286	1	EPA 8260D	05/08/26 07:00	05/09/26 03:28	
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.500	0.249	1	EPA 8260D	05/08/26 07:00	05/09/26 03:28	
75-34-3	1,1-Dichloroethane	ND		ug/L	0.500	0.272	1	EPA 8260D	05/08/26 07:00	05/09/26 03:28	
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.500	0.327	1	EPA 8260D	05/08/26 07:00	05/09/26 03:28	
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.500	0.222	1	EPA 8260D	05/08/26 07:00	05/09/26 03:28	
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.500	0.273	1	EPA 8260D	05/08/26 07:00	05/09/26 03:28	
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.500	0.138	1	EPA 8260D	05/08/26 07:00	05/09/26 03:28	
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.500	0.310	1	EPA 8260D	05/08/26 07:00	05/09/26 03:28	
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.500	0.432	1	EPA 8260D	05/08/26 07:00	05/09/26 03:28	
106-93-4	1,2-Dibromoethane	ND		ug/L	0.500	0.215	1	EPA 8260D	05/08/26 07:00	05/09/26 03:28	
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.500	0.270	1	EPA 8260D	05/08/26 07:00	05/09/26 03:28	
107-06-2	1,2-Dichloroethane	ND		ug/L	0.500	0.377	1	EPA 8260D	05/08/26 07:00	05/09/26 03:28	
78-87-5	1,2-Dichloropropane	ND		ug/L	0.500	0.327	1	EPA 8260D	05/08/26 07:00	05/09/26 03:28	
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.500	0.347	1	EPA 8260D	05/08/26 07:00	05/09/26 03:28	
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.500	0.283	1	EPA 8260D	05/08/26 07:00	05/09/26 03:28	
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.500	0.311	1	EPA 8260D	05/08/26 07:00	05/09/26 03:28	
78-93-3	2-Butanone	ND		ug/L	0.500	0.421	1	EPA 8260D	05/08/26 07:00	05/09/26 03:28	
591-78-6	2-Hexanone	ND		ug/L	0.500	0.320	1	EPA 8260D	05/08/26 07:00	05/09/26 03:28	
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.500	0.365	1	EPA 8260D	05/08/26 07:00	05/09/26 03:28	
67-64-1	Acetone	ND		ug/L	2.00	1.34	1	EPA 8260D	05/08/26 07:00	05/09/26 03:28	
107-02-8	Acrolein	ND		ug/L	0.500	0.447	1	EPA 8260D	05/08/26 07:00	05/09/26 03:28	
107-13-1	Acrylonitrile	ND		ug/L	0.500	0.422	1	EPA 8260D	05/08/26 07:00	05/09/26 03:28	
71-43-2	Benzene	ND		ug/L	0.500	0.279	1	EPA 8260D	05/08/26 07:00	05/09/26 03:28	
74-97-5	Bromochloromethane	ND		ug/L	0.500	0.354	1	EPA 8260D	05/08/26 07:00	05/09/26 03:28	
75-27-4	Bromodichloromethane	ND		ug/L	0.500	0.245	1	EPA 8260D	05/08/26 07:00	05/09/26 03:28	
75-25-2	Bromoform	ND		ug/L	0.500	0.163	1	EPA 8260D	05/08/26 07:00	05/09/26 03:28	
74-83-9	Bromomethane	ND		ug/L	2.00	0.500	1	EPA 8260D	05/08/26 07:00	05/09/26 03:28	
75-15-0	Carbon disulfide	ND		ug/L	0.500	0.362	1	EPA 8260D	05/08/26 07:00	05/09/26 03:28	
56-23-5	Carbon tetrachloride	ND		ug/L	0.500	0.204	1	EPA 8260D	05/08/26 07:00	05/09/26 03:28	
108-90-7	Chlorobenzene	ND		ug/L	0.500	0.284	1	EPA 8260D	05/08/26 07:00	05/09/26 03:28	
75-00-3	Chloroethane	ND		ug/L	0.500	0.448	1	EPA 8260D	05/08/26 07:00	05/09/26 03:28	
67-66-3	Chloroform	ND		ug/L	0.500	0.243	1	EPA 8260D	05/08/26 07:00	05/09/26 03:28	
74-87-3	Chloromethane	ND		ug/L	0.500	0.372	1	EPA 8260D	05/08/26 07:00	05/09/26 03:28	
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.500	0.294	1	EPA 8260D	05/08/26 07:00	05/09/26 03:28	
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.500	0.262	1	EPA 8260D	05/08/26 07:00	05/09/26 03:28	
110-82-7	Cyclohexane	ND		ug/L	0.500	0.491	1	EPA 8260D	05/08/26 07:00	05/09/26 03:28	
124-48-1	Dibromochloromethane	ND		ug/L	0.500	0.146	1	EPA 8260D	05/08/26 07:00	05/09/26 03:28	
74-95-3	Dibromomethane	ND		ug/L	0.500	0.203	1	EPA 8260D	05/08/26 07:00	05/09/26 03:28	
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.500	0.451	1	EPA 8260D	05/08/26 07:00	05/09/26 03:28	
100-41-4	Ethyl Benzene	ND		ug/L	0.500	0.290	1	EPA 8260D	05/08/26 07:00	05/09/26 03:28	

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:ALS Environmental - Stratford

Client:Hydro Tech Environmental

Project:230051 - 170 Freeman Street, Brooklyn

Preparation:EPA 5030B

Instrument:VOA No. 8

Batch:BE60494

SDG:26E0163

Laboratory ID:BE60494-BLK1

Calibration:SE60011

File ID:V8-012831.D

Initial/Final:25 mL / 25 mL

Matrix:Water

Prepared:05/08/26 07:00

Analyzed:05/09/26 03:28

Sequence:S6E0904

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	05/08/26 07:00	05/09/26 03:28	
98-82-8	Isopropylbenzene	ND		ug/L	0.500	0.405	1	EPA 8260D	05/08/26 07:00	05/09/26 03:28	
79-20-9	Methyl acetate	ND		ug/L	0.500	0.442	1	EPA 8260D	05/08/26 07:00	05/09/26 03:28	
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.500	0.244	1	EPA 8260D	05/08/26 07:00	05/09/26 03:28	
108-87-2	Methylcyclohexane	ND		ug/L	0.500	0.477	1	EPA 8260D	05/08/26 07:00	05/09/26 03:28	
75-09-2	Methylene chloride	ND		ug/L	2.00	0.397	1	EPA 8260D	05/08/26 07:00	05/09/26 03:28	
104-51-8	n-Butylbenzene	ND		ug/L	0.500	0.399	1	EPA 8260D	05/08/26 07:00	05/09/26 03:28	
103-65-1	n-Propylbenzene	ND		ug/L	0.500	0.384	1	EPA 8260D	05/08/26 07:00	05/09/26 03:28	
95-47-6	o-Xylene	ND		ug/L	0.500	0.261	1	EPA 8260D	05/08/26 07:00	05/09/26 03:28	
179601-23-1	p- & m- Xylenes	ND		ug/L	1.00	0.578	1	EPA 8260D	05/08/26 07:00	05/09/26 03:28	
99-87-6	p-Isopropyltoluene	ND		ug/L	0.500	0.377	1	EPA 8260D	05/08/26 07:00	05/09/26 03:28	
135-98-8	sec-Butylbenzene	ND		ug/L	0.500	0.444	1	EPA 8260D	05/08/26 07:00	05/09/26 03:28	
100-42-5	Styrene	ND		ug/L	0.500	0.255	1	EPA 8260D	05/08/26 07:00	05/09/26 03:28	
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	1.00	0.608	1	EPA 8260D	05/08/26 07:00	05/09/26 03:28	
98-06-6	tert-Butylbenzene	ND		ug/L	0.500	0.367	1	EPA 8260D	05/08/26 07:00	05/09/26 03:28	
127-18-4	Tetrachloroethylene	ND		ug/L	0.500	0.239	1	EPA 8260D	05/08/26 07:00	05/09/26 03:28	
108-88-3	Toluene	ND		ug/L	0.500	0.346	1	EPA 8260D	05/08/26 07:00	05/09/26 03:28	
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.500	0.279	1	EPA 8260D	05/08/26 07:00	05/09/26 03:28	
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.500	0.229	1	EPA 8260D	05/08/26 07:00	05/09/26 03:28	
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.500	0.283	1	EPA 8260D	05/08/26 07:00	05/09/26 03:28	
79-01-6	Trichloroethylene	ND		ug/L	0.500	0.249	1	EPA 8260D	05/08/26 07:00	05/09/26 03:28	
75-69-4	Trichlorofluoromethane	ND		ug/L	0.500	0.337	1	EPA 8260D	05/08/26 07:00	05/09/26 03:28	
75-01-4	Vinyl Chloride	ND		ug/L	0.500	0.469	1	EPA 8260D	05/08/26 07:00	05/09/26 03:28	
1330-20-7	Xylenes, Total	ND		ug/L	1.50	0.839	1	EPA 8260D	05/08/26 07:00	05/09/26 03:28	
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	SURR: 1,2-Dichloroethane-d4	99.7 %	69-130								
460-00-4	SURR: p-Bromofluorobenzene	107 %	79-122								
2037-26-5	SURR: Toluene-d8	102 %	81-117								

Data Path : C:\msdchem\1\data\V8-05-08-26\
 Data File : V8-012831.D
 Acq On : 9 May 2026 3:28 am
 Operator : THD
 InstName : VOA No. 8
 Sample : BE60494-BLK1
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Quant Time: May 09 15:33:22 2026
 Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Fri May 08 12:52:12 2026
 Response via : Initial Calibration

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

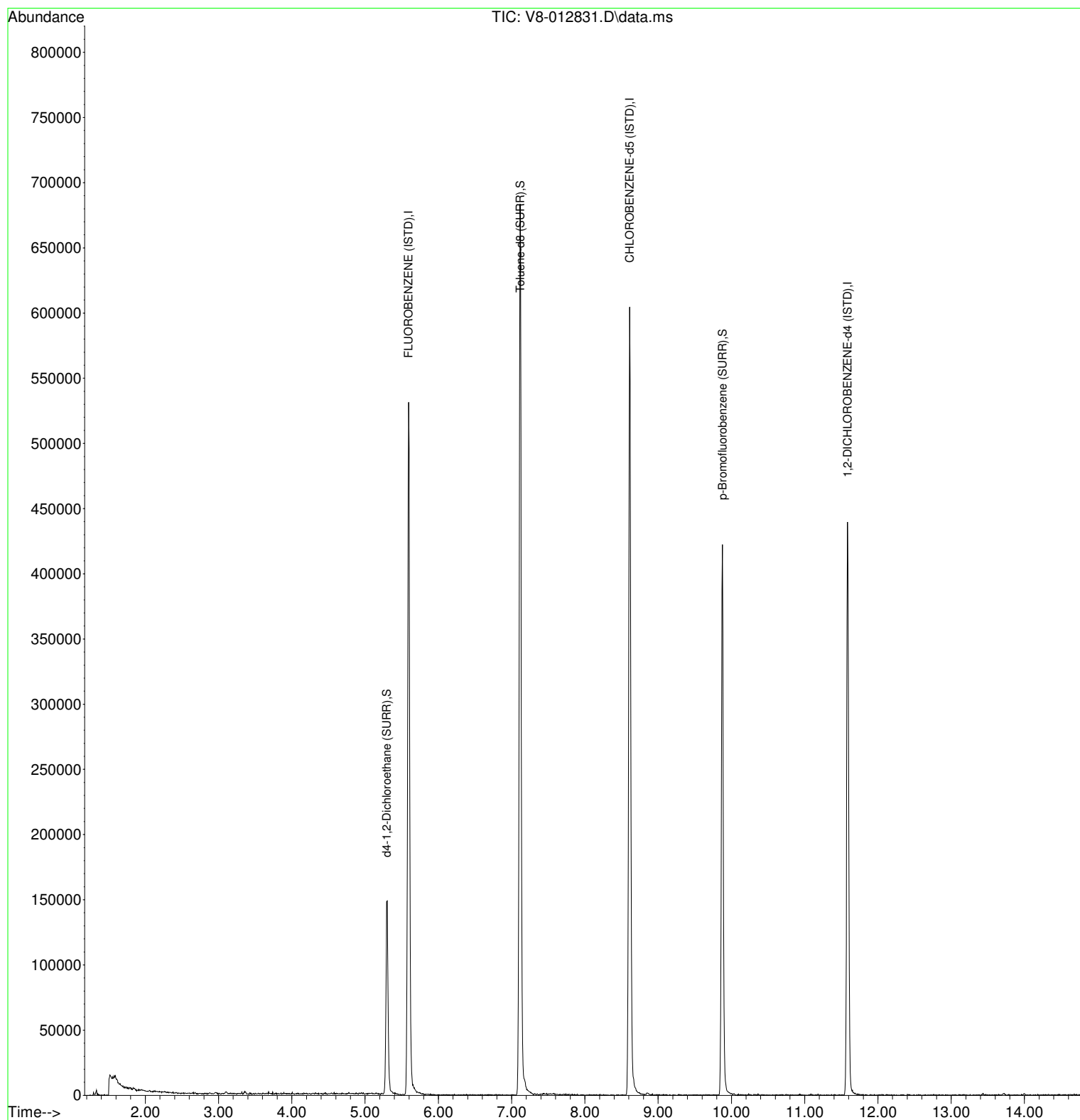
Internal Standards						
1) FLUOROBENZENE (ISTD)	5.593	50	49374	10.00	ppb	0.00
48) CHLOROBENZENE-d5 (ISTD)	8.611	119	128874	10.00	ppb	0.00
80) 1,2-DICHLOROBENZENE-d4...	11.586	152	145122	10.00	ppb	0.00
System Monitoring Compounds						
42) d4-1,2-Dichloroethane ...	5.295	65	111385	9.97	ppb	0.00
Spiked Amount 10.000	Range	69 - 130	Recovery	=	99.70%	
60) Toluene-d8 (SURR)	7.114	98	533481	10.20	ppb	0.00
Spiked Amount 10.000	Range	81 - 117	Recovery	=	102.00%	
82) p-Bromofluorobenzene (...)	9.876	95	166243	10.74	ppb	0.00
Spiked Amount 10.000	Range	79 - 122	Recovery	=	107.40%	

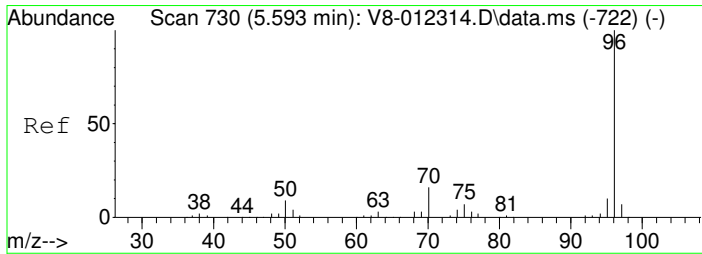
Target Compounds	Qvalue
-----	-----

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

Data Path : C:\msdchem\1\data\V8-05-08-26\
Data File : V8-012831.D
Acq On : 9 May 2026 3:28 am
Operator : THD
InstName : VOA No. 8
Sample : BE60494-BLK1
Misc :
ALS Vial : 70 Sample Multiplier: 1

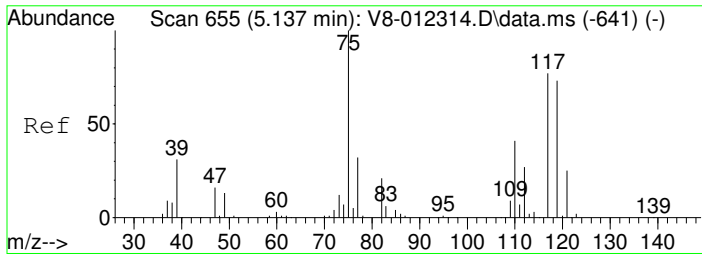
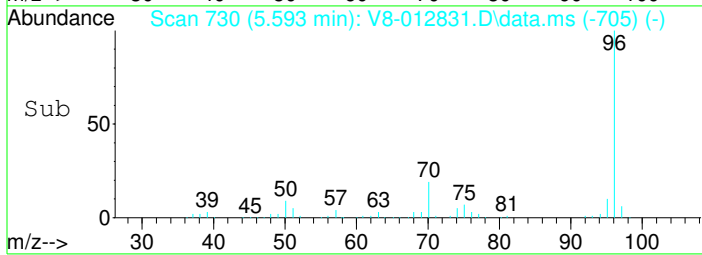
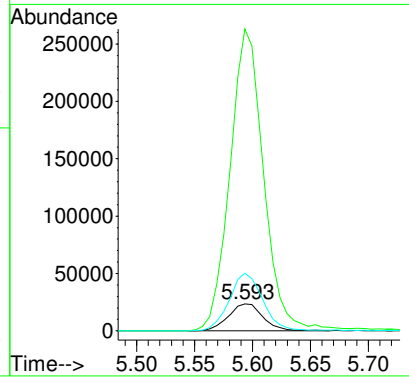
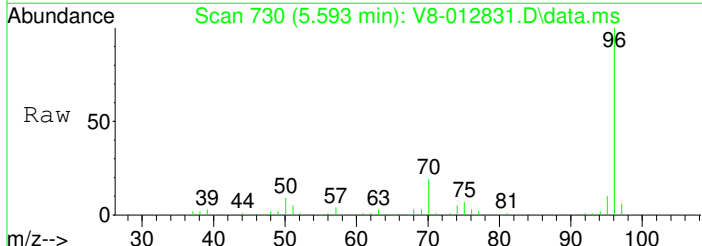
Quant Time: May 09 15:33:22 2026
Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Fri May 08 12:52:12 2026
Response via : Initial Calibration





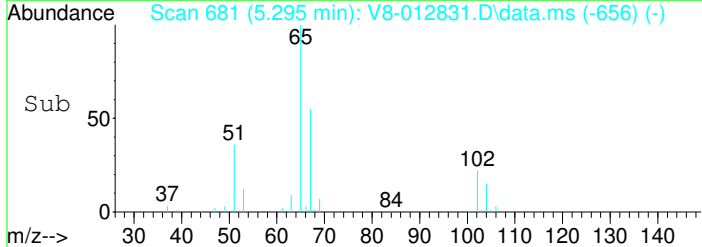
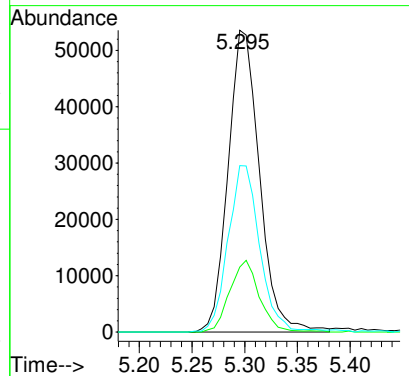
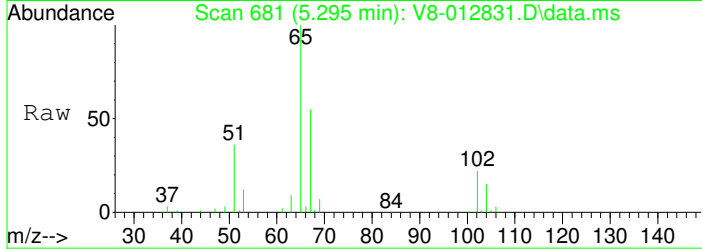
#1
 FLUOROBENZENE (ISTD)
 Concen: 10.00 ppb
 RT: 5.593 min Scan# 730
 Delta R.T. 0.000 min
 Lab File: V8-012831.D
 Acq: 9 May 2026 3:28 am

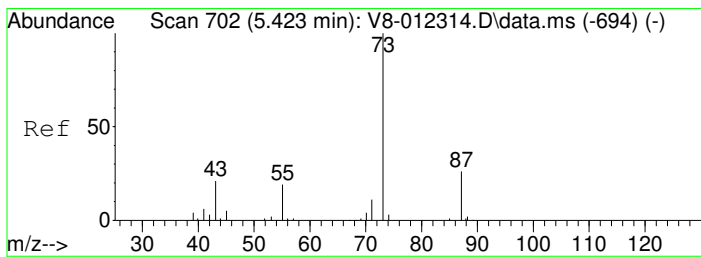
Tgt Ion:	50	Resp:	49374
Ion Ratio	Lower	Upper	
50	100		
96	1085.8	709.9	1474.3
70	205.1	137.5	285.7



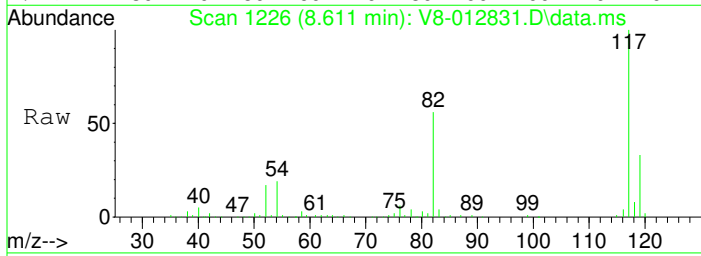
#42
 d4-1,2-Dichloroethane (SURR)
 Concen: 9.97 ppb
 RT: 5.295 min Scan# 681
 Delta R.T. 0.000 min
 Lab File: V8-012831.D
 Acq: 9 May 2026 3:28 am

Tgt Ion:	65	Resp:	111385
Ion Ratio	Lower	Upper	
65	100		
102	22.3	15.3	31.9
67	56.1	36.3	75.3

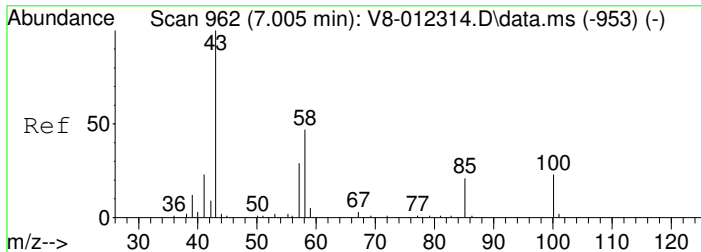
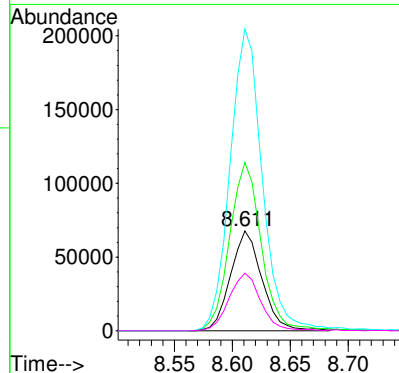
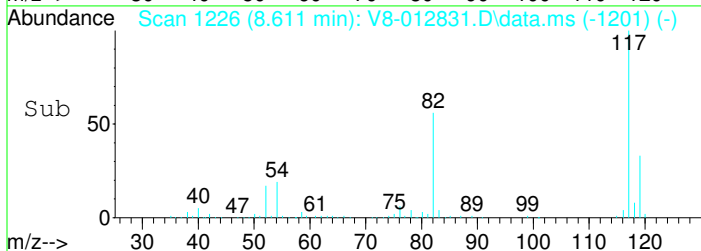




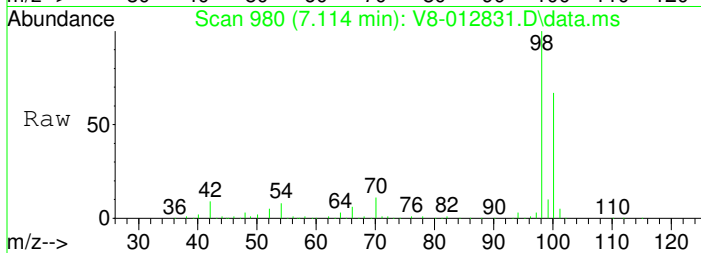
#48
CHLOROBENZENE-d5 (ISTD)
Concen: 10.00 ppb
RT: 8.611 min Scan# 1226
Delta R.T. -0.000 min
Lab File: V8-012831.D
Acq: 9 May 2026 3:28 am



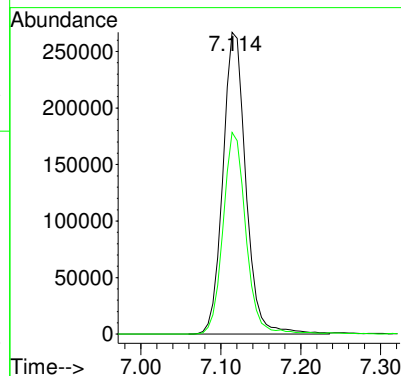
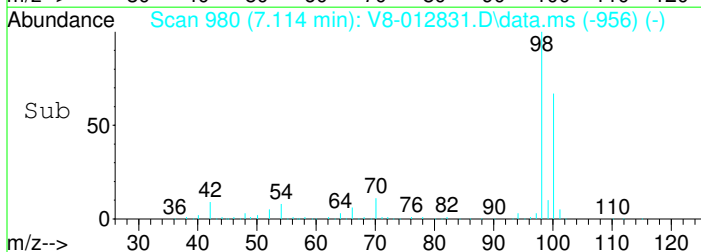
Tgt Ion	Resp	Lower	Upper
119	128874		
82	170.7	112.1	232.7
117	310.2	203.0	421.6
54	58.2	41.7	86.5

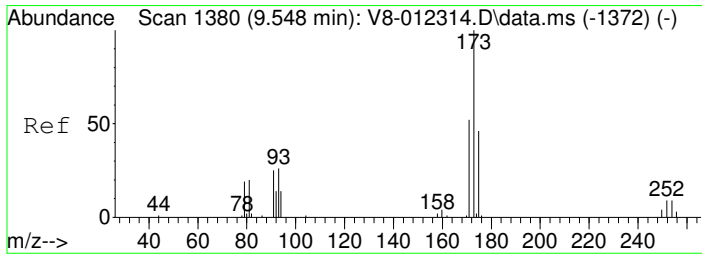


#60
Toluene-d8 (SURR)
Concen: 10.20 ppb
RT: 7.114 min Scan# 980
Delta R.T. -0.006 min
Lab File: V8-012831.D
Acq: 9 May 2026 3:28 am



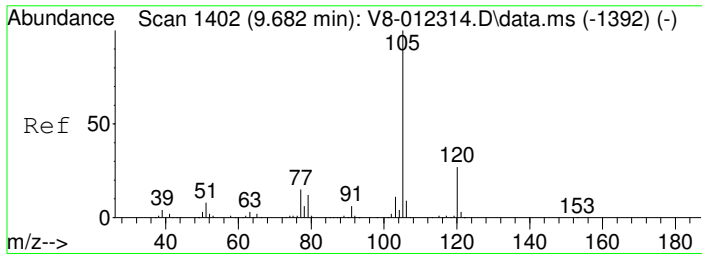
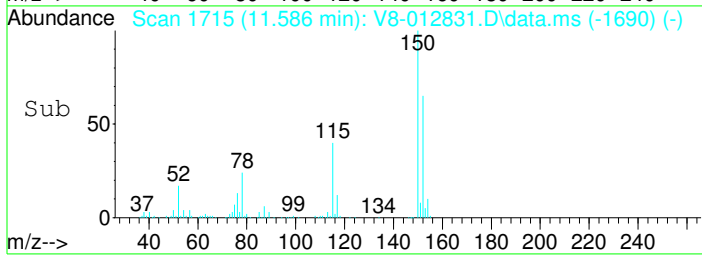
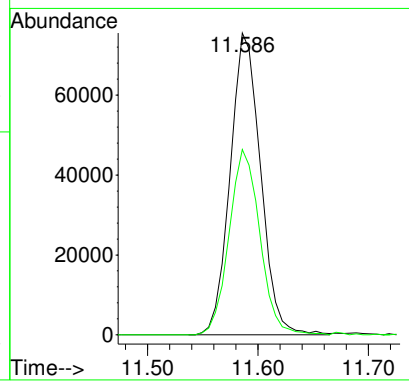
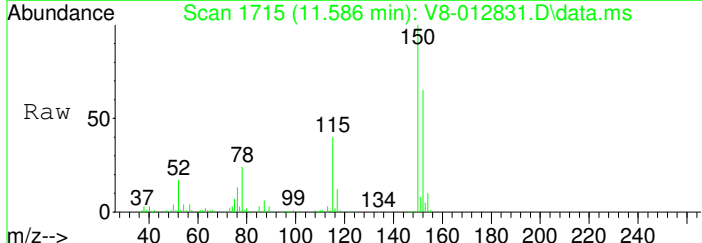
Tgt Ion	Resp	Lower	Upper
98	533481		
100	65.8	43.0	89.4





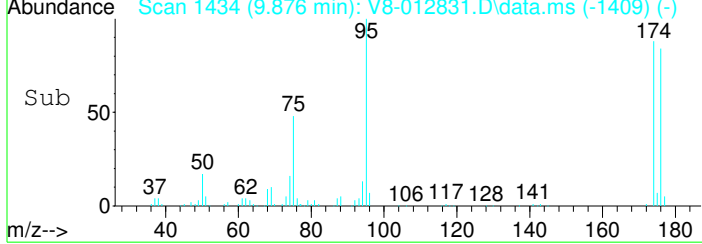
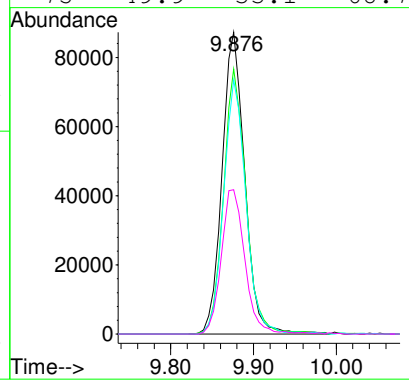
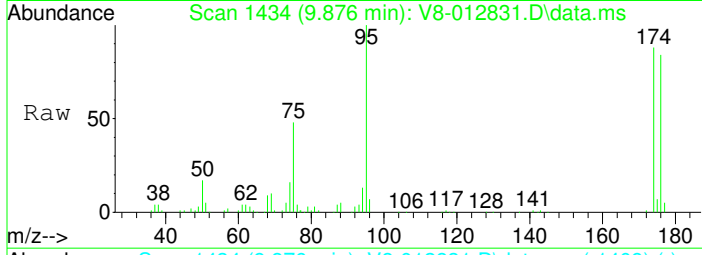
#80
 1,2-DICHLOROBENZENE-d4 (ISTD)
 Concen: 10.00 ppb
 RT: 11.586 min Scan# 1715
 Delta R.T. -0.000 min
 Lab File: V8-012831.D
 Acq: 9 May 2026 3:28 am

Tgt Ion:	152	Resp:	145122
Ion Ratio	Lower	Upper	
152	100		
115	62.0	40.6	84.4



#82
 p-Bromofluorobenzene (SURRE)
 Concen: 10.74 ppb
 RT: 9.876 min Scan# 1434
 Delta R.T. 0.000 min
 Lab File: V8-012831.D
 Acq: 9 May 2026 3:28 am

Tgt Ion:	95	Resp:	166243
Ion Ratio	Lower	Upper	
95	100		
174	87.0	54.0	112.2
176	82.6	50.2	104.2
75	49.9	33.1	68.7



Data Path : C:\msdchem\1\data\V8-05-08-26\
 Data File : V8-012831.D
 Acq On : 9 May 2026 3:28 am
 Operator : THD
 Sample : BE60494-BLK1
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON Filtering: 5
 Sampling : 1 Min Area: 3 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : C:\msdchem\1\methods\V8-8260D-R050526.M
 Title : Volatile Organics EPA 8260D & 624.1

Signal : TIC: V8-012831.D\data.ms

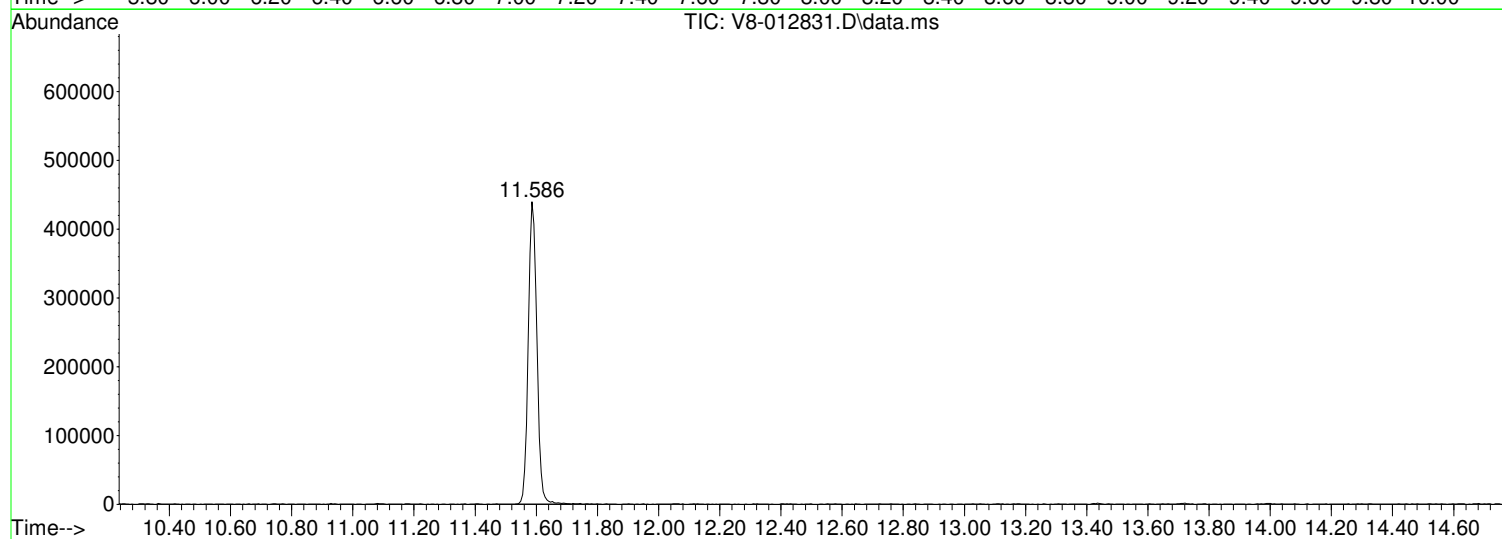
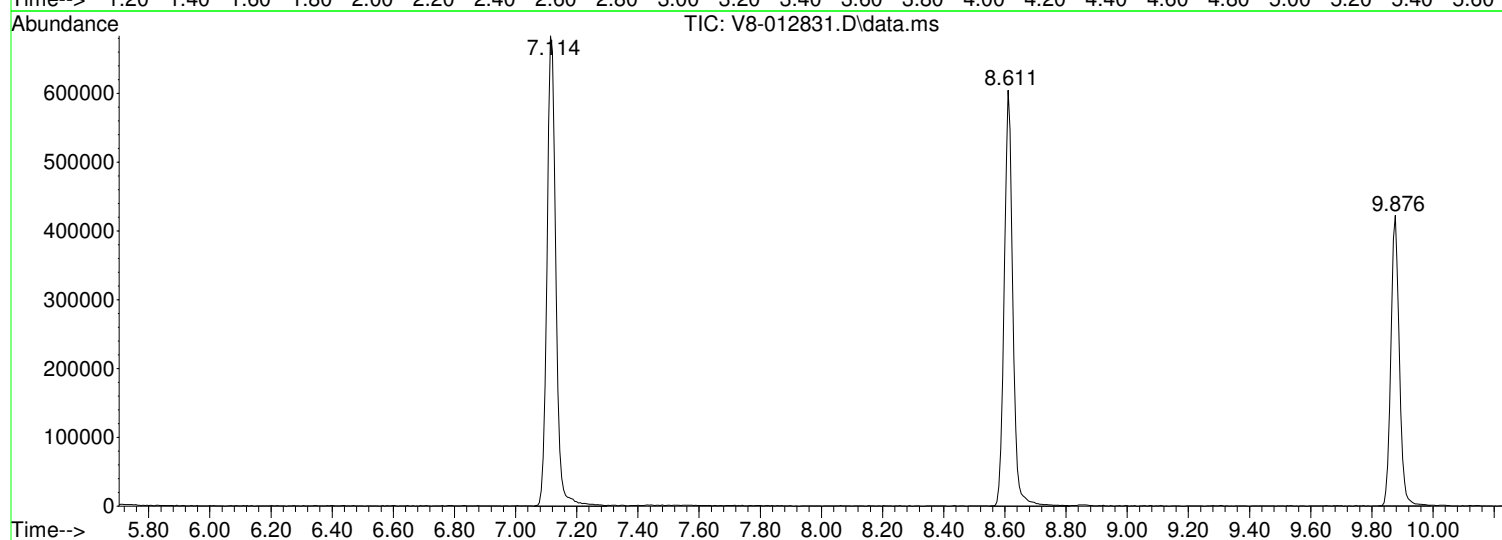
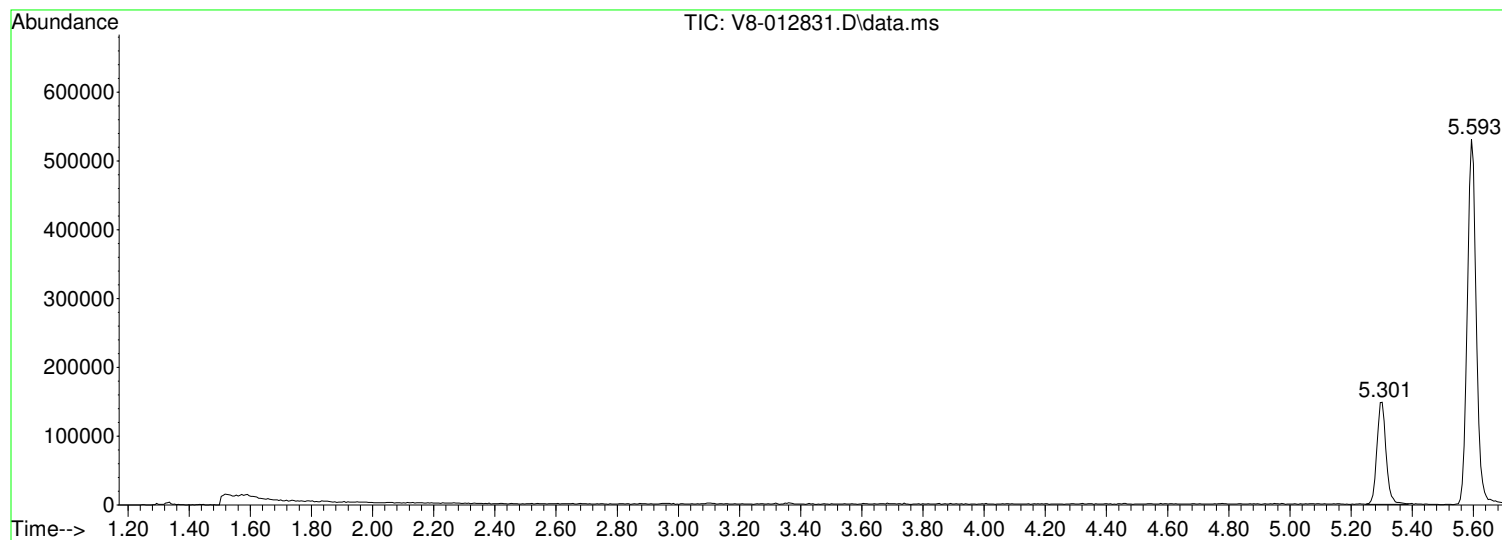
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.301	673	682	696	rBV	148300	308595	22.50%	5.499%
2	5.593	720	730	754	rBV	531339	1094973	79.82%	19.513%
3	7.114	971	980	1010	rBV	683762	1371805	100.00%	24.447%
4	8.611	1216	1226	1259	rBV	604625	1174916	85.65%	20.938%
5	9.876	1425	1434	1453	rBV	422209	809739	59.03%	14.430%
6	11.586	1706	1715	1736	rBV	439403	851373	62.06%	15.172%

Sum of corrected areas: 5611401

Data Path : C:\msdchem\1\data\V8-05-08-26\
Data File : V8-012831.D
Acq On : 9 May 2026 3:28 am
Operator : THD
Sample : BE60494-BLK1
Misc :
ALS Vial : 70 Sample Multiplier: 1

Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
Quant Title : Volatile Organics EPA 8260D & 624.1

TIC Library : C:\Database\NIST129K.L
TIC Integration Parameters: rteint.p



Data Path : C:\msdchem\1\data\V8-05-08-26\
Data File : V8-012831.D
Acq On : 9 May 2026 3:28 am
Operator : THD
Sample : BE60494-BLK1
Misc :
ALS Vial : 70 Sample Multiplier: 1

Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
Quant Title : Volatile Organics EPA 8260D & 624.1

TIC Library : C:\Database\NIST129K.L
TIC Integration Parameters: rteint.p

No Library Search Compounds Detected

Data Path : C:\msdchem\1\data\V8-05-08-26\
Data File : V8-012831.D
Acq On : 9 May 2026 3:28 am
Operator : THD
Sample : BE60494-BLK1
Misc :
ALS Vial : 70 Sample Multiplier: 1

Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
Quant Title : Volatile Organics EPA 8260D & 624.1

TIC Library : C:\Database\NIST129K.L
TIC Integration Parameters: rteint.p

TIC Top Hit name	RT	EstConc	Units	Response	---Internal Standard---
				#	RT Resp Conc

FORM I

METHOD BLANK DATA SHEET
EPA 8260D

Laboratory: ALS Environmental - Stratford
 Client: Hydro Tech Environmental
 Project: 230051 - 170 Freeman Street, Brooklyn
 Preparation: EPA 5030B
 Instrument: VOA No. 8
 Batch: BE60547

SDG: 26E0163
 Laboratory ID: BE60547-BLK1
 Calibration: SE60011
 File ID: V8-012854.D
 Initial/Final: 25 mL / 25 mL
 Matrix: Water

Prepared: 05/09/26 07:00
 Analyzed: 05/09/26 16:05
 Sequence: S6E1115

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	05/09/26 07:00	05/09/26 16:05	
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.500	0.266	1	EPA 8260D	05/09/26 07:00	05/09/26 16:05	
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.500	0.256	1	EPA 8260D	05/09/26 07:00	05/09/26 16:05	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.500	0.286	1	EPA 8260D	05/09/26 07:00	05/09/26 16:05	
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.500	0.249	1	EPA 8260D	05/09/26 07:00	05/09/26 16:05	
75-34-3	1,1-Dichloroethane	ND		ug/L	0.500	0.272	1	EPA 8260D	05/09/26 07:00	05/09/26 16:05	
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.500	0.327	1	EPA 8260D	05/09/26 07:00	05/09/26 16:05	
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.500	0.222	1	EPA 8260D	05/09/26 07:00	05/09/26 16:05	
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.500	0.273	1	EPA 8260D	05/09/26 07:00	05/09/26 16:05	
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.500	0.138	1	EPA 8260D	05/09/26 07:00	05/09/26 16:05	
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.500	0.310	1	EPA 8260D	05/09/26 07:00	05/09/26 16:05	
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.500	0.432	1	EPA 8260D	05/09/26 07:00	05/09/26 16:05	
106-93-4	1,2-Dibromoethane	ND		ug/L	0.500	0.215	1	EPA 8260D	05/09/26 07:00	05/09/26 16:05	
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.500	0.270	1	EPA 8260D	05/09/26 07:00	05/09/26 16:05	
107-06-2	1,2-Dichloroethane	ND		ug/L	0.500	0.377	1	EPA 8260D	05/09/26 07:00	05/09/26 16:05	
78-87-5	1,2-Dichloropropane	ND		ug/L	0.500	0.327	1	EPA 8260D	05/09/26 07:00	05/09/26 16:05	
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.500	0.347	1	EPA 8260D	05/09/26 07:00	05/09/26 16:05	
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.500	0.283	1	EPA 8260D	05/09/26 07:00	05/09/26 16:05	
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.500	0.311	1	EPA 8260D	05/09/26 07:00	05/09/26 16:05	
78-93-3	2-Butanone	ND		ug/L	0.500	0.421	1	EPA 8260D	05/09/26 07:00	05/09/26 16:05	
591-78-6	2-Hexanone	ND		ug/L	0.500	0.320	1	EPA 8260D	05/09/26 07:00	05/09/26 16:05	
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.500	0.365	1	EPA 8260D	05/09/26 07:00	05/09/26 16:05	
67-64-1	Acetone	ND		ug/L	2.00	1.34	1	EPA 8260D	05/09/26 07:00	05/09/26 16:05	
107-02-8	Acrolein	ND		ug/L	0.500	0.447	1	EPA 8260D	05/09/26 07:00	05/09/26 16:05	
107-13-1	Acrylonitrile	ND		ug/L	0.500	0.422	1	EPA 8260D	05/09/26 07:00	05/09/26 16:05	
71-43-2	Benzene	ND		ug/L	0.500	0.279	1	EPA 8260D	05/09/26 07:00	05/09/26 16:05	
74-97-5	Bromochloromethane	ND		ug/L	0.500	0.354	1	EPA 8260D	05/09/26 07:00	05/09/26 16:05	
75-27-4	Bromodichloromethane	ND		ug/L	0.500	0.245	1	EPA 8260D	05/09/26 07:00	05/09/26 16:05	
75-25-2	Bromoform	ND		ug/L	0.500	0.163	1	EPA 8260D	05/09/26 07:00	05/09/26 16:05	
74-83-9	Bromomethane	ND		ug/L	2.00	0.500	1	EPA 8260D	05/09/26 07:00	05/09/26 16:05	
75-15-0	Carbon disulfide	ND		ug/L	0.500	0.362	1	EPA 8260D	05/09/26 07:00	05/09/26 16:05	
56-23-5	Carbon tetrachloride	ND		ug/L	0.500	0.204	1	EPA 8260D	05/09/26 07:00	05/09/26 16:05	
108-90-7	Chlorobenzene	ND		ug/L	0.500	0.284	1	EPA 8260D	05/09/26 07:00	05/09/26 16:05	
75-00-3	Chloroethane	ND		ug/L	0.500	0.448	1	EPA 8260D	05/09/26 07:00	05/09/26 16:05	
67-66-3	Chloroform	ND		ug/L	0.500	0.243	1	EPA 8260D	05/09/26 07:00	05/09/26 16:05	
74-87-3	Chloromethane	ND		ug/L	0.500	0.372	1	EPA 8260D	05/09/26 07:00	05/09/26 16:05	
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.500	0.294	1	EPA 8260D	05/09/26 07:00	05/09/26 16:05	
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.500	0.262	1	EPA 8260D	05/09/26 07:00	05/09/26 16:05	
110-82-7	Cyclohexane	ND		ug/L	0.500	0.491	1	EPA 8260D	05/09/26 07:00	05/09/26 16:05	
124-48-1	Dibromochloromethane	ND		ug/L	0.500	0.146	1	EPA 8260D	05/09/26 07:00	05/09/26 16:05	
74-95-3	Dibromomethane	ND		ug/L	0.500	0.203	1	EPA 8260D	05/09/26 07:00	05/09/26 16:05	
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.500	0.451	1	EPA 8260D	05/09/26 07:00	05/09/26 16:05	
100-41-4	Ethyl Benzene	ND		ug/L	0.500	0.290	1	EPA 8260D	05/09/26 07:00	05/09/26 16:05	

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:ALS Environmental - Stratford

Client:Hydro Tech Environmental

Project:230051 - 170 Freeman Street, Brooklyn

Preparation:EPA 5030B

Instrument:VOA No. 8

Batch:BE60547

SDG:26E0163

Laboratory ID:BE60547-BLK1

Calibration:SE60011

File ID:V8-012854.D

Initial/Final:25 mL / 25 mL

Matrix:Water

Prepared:05/09/26 07:00

Analyzed:05/09/26 16:05

Sequence:S6E1115

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	05/09/26 07:00	05/09/26 16:05	
98-82-8	Isopropylbenzene	ND		ug/L	0.500	0.405	1	EPA 8260D	05/09/26 07:00	05/09/26 16:05	
79-20-9	Methyl acetate	ND		ug/L	0.500	0.442	1	EPA 8260D	05/09/26 07:00	05/09/26 16:05	
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.500	0.244	1	EPA 8260D	05/09/26 07:00	05/09/26 16:05	
108-87-2	Methylcyclohexane	ND		ug/L	0.500	0.477	1	EPA 8260D	05/09/26 07:00	05/09/26 16:05	
75-09-2	Methylene chloride	ND		ug/L	2.00	0.397	1	EPA 8260D	05/09/26 07:00	05/09/26 16:05	
104-51-8	n-Butylbenzene	ND		ug/L	0.500	0.399	1	EPA 8260D	05/09/26 07:00	05/09/26 16:05	
103-65-1	n-Propylbenzene	ND		ug/L	0.500	0.384	1	EPA 8260D	05/09/26 07:00	05/09/26 16:05	
95-47-6	o-Xylene	ND		ug/L	0.500	0.261	1	EPA 8260D	05/09/26 07:00	05/09/26 16:05	
179601-23-1	p- & m- Xylenes	ND		ug/L	1.00	0.578	1	EPA 8260D	05/09/26 07:00	05/09/26 16:05	
99-87-6	p-Isopropyltoluene	ND		ug/L	0.500	0.377	1	EPA 8260D	05/09/26 07:00	05/09/26 16:05	
135-98-8	sec-Butylbenzene	ND		ug/L	0.500	0.444	1	EPA 8260D	05/09/26 07:00	05/09/26 16:05	
100-42-5	Styrene	ND		ug/L	0.500	0.255	1	EPA 8260D	05/09/26 07:00	05/09/26 16:05	
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	1.00	0.608	1	EPA 8260D	05/09/26 07:00	05/09/26 16:05	
98-06-6	tert-Butylbenzene	ND		ug/L	0.500	0.367	1	EPA 8260D	05/09/26 07:00	05/09/26 16:05	
127-18-4	Tetrachloroethylene	ND		ug/L	0.500	0.239	1	EPA 8260D	05/09/26 07:00	05/09/26 16:05	
108-88-3	Toluene	ND		ug/L	0.500	0.346	1	EPA 8260D	05/09/26 07:00	05/09/26 16:05	
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.500	0.279	1	EPA 8260D	05/09/26 07:00	05/09/26 16:05	
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.500	0.229	1	EPA 8260D	05/09/26 07:00	05/09/26 16:05	
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.500	0.283	1	EPA 8260D	05/09/26 07:00	05/09/26 16:05	
79-01-6	Trichloroethylene	ND		ug/L	0.500	0.249	1	EPA 8260D	05/09/26 07:00	05/09/26 16:05	
75-69-4	Trichlorofluoromethane	ND		ug/L	0.500	0.337	1	EPA 8260D	05/09/26 07:00	05/09/26 16:05	
75-01-4	Vinyl Chloride	ND		ug/L	0.500	0.469	1	EPA 8260D	05/09/26 07:00	05/09/26 16:05	
1330-20-7	Xylenes, Total	ND		ug/L	1.50	0.839	1	EPA 8260D	05/09/26 07:00	05/09/26 16:05	
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	SURR: 1,2-Dichloroethane-d4	96.4 %	69-130								
460-00-4	SURR: p-Bromofluorobenzene	101 %	79-122								
2037-26-5	SURR: Toluene-d8	103 %	81-117								

Data Path : C:\msdchem\1\data\V8-05-09-26\
 Data File : V8-012854.D
 Acq On : 9 May 2026 4:05 pm
 Operator : THD
 InstName : VOA No. 8
 Sample : BE60547-BLK1
 Misc :
 ALS Vial : 93 Sample Multiplier: 1

Quant Time: May 11 11:37:16 2026
 Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Fri May 08 12:52:12 2026
 Response via : Initial Calibration

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

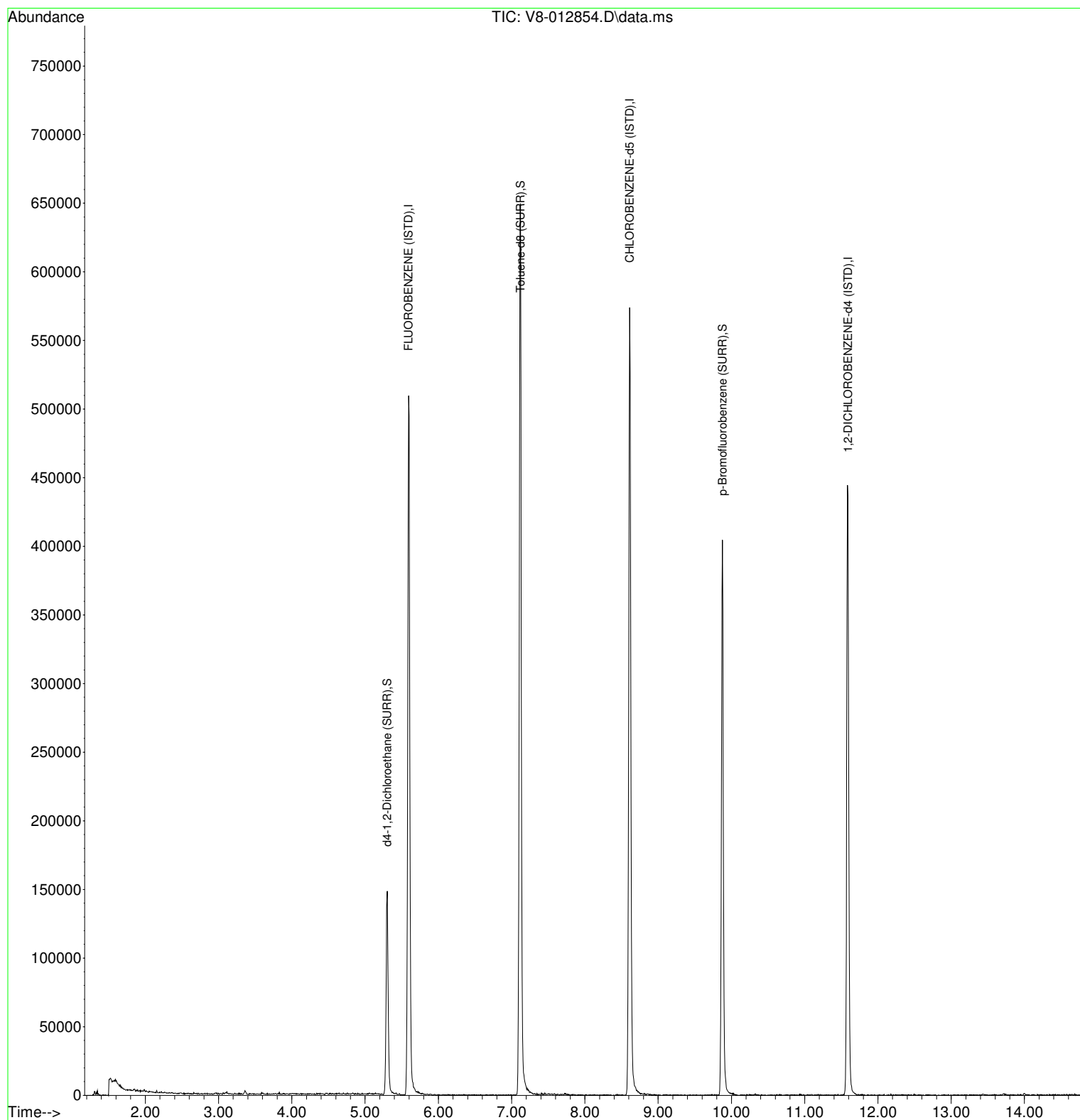
Internal Standards						
1) FLUOROBENZENE (ISTD)	5.593	50	49322	10.00	ppb	0.00
48) CHLOROBENZENE-d5 (ISTD)	8.611	119	121942	10.00	ppb	0.00
80) 1,2-DICHLOROBENZENE-d4...	11.592	152	149715	10.00	ppb	0.00
System Monitoring Compounds						
42) d4-1,2-Dichloroethane ...	5.301	65	107633	9.64	ppb	0.00
Spiked Amount 10.000	Range	69 - 130	Recovery	=	96.40%	
60) Toluene-d8 (SURR)	7.120	98	510928	10.32	ppb	0.00
Spiked Amount 10.000	Range	81 - 117	Recovery	=	103.20%	
82) p-Bromofluorobenzene (...)	9.876	95	161266	10.10	ppb	0.00
Spiked Amount 10.000	Range	79 - 122	Recovery	=	101.00%	

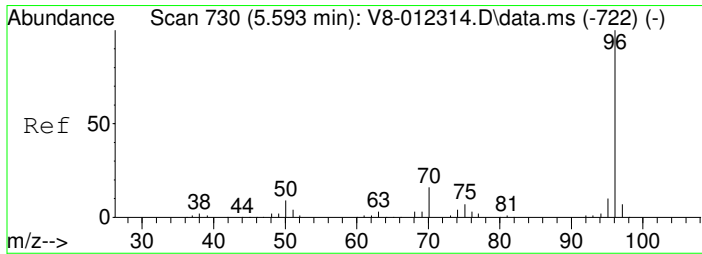
Target Compounds	Qvalue
-----	-----

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

Data Path : C:\msdchem\1\data\V8-05-09-26\
Data File : V8-012854.D
Acq On : 9 May 2026 4:05 pm
Operator : THD
InstName : VOA No. 8
Sample : BE60547-BLK1
Misc :
ALS Vial : 93 Sample Multiplier: 1

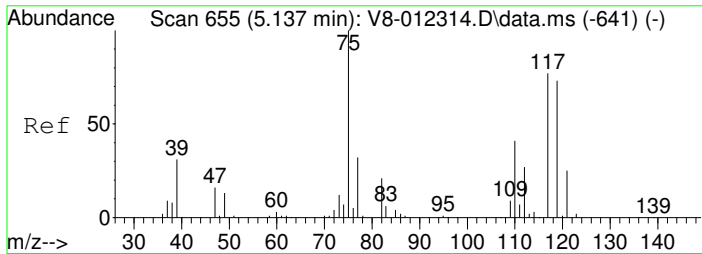
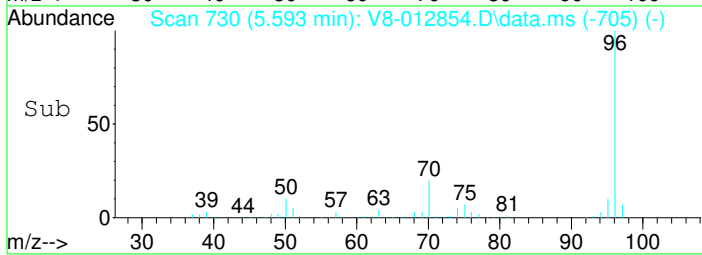
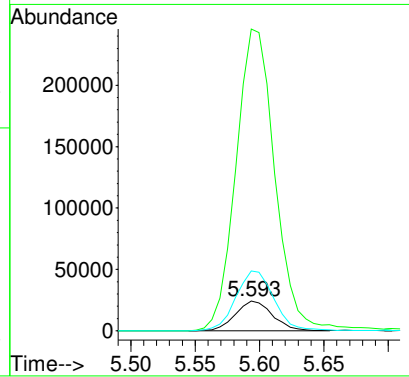
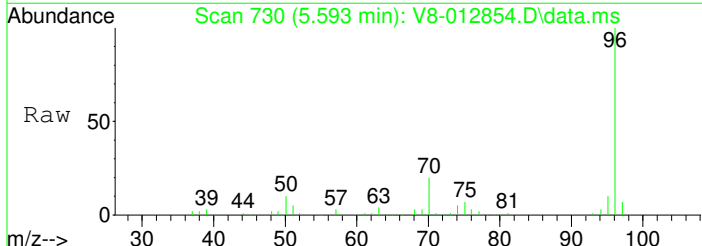
Quant Time: May 11 11:37:16 2026
Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Fri May 08 12:52:12 2026
Response via : Initial Calibration





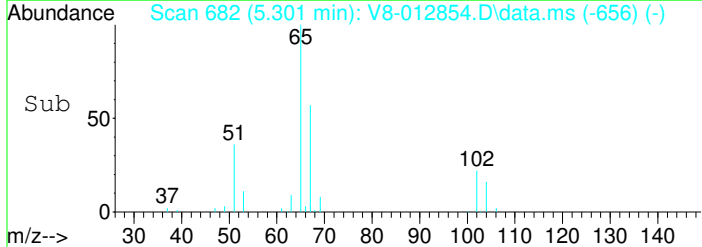
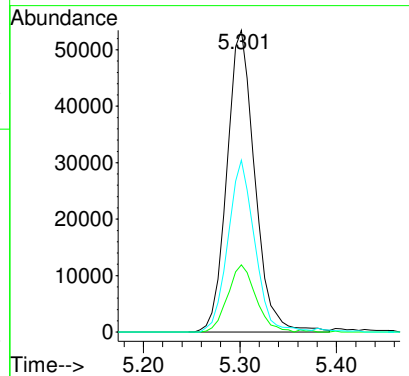
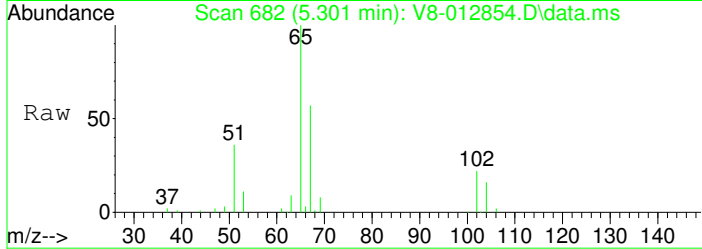
#1
 FLUOROBENZENE (ISTD)
 Concen: 10.00 ppb
 RT: 5.593 min Scan# 730
 Delta R.T. 0.000 min
 Lab File: V8-012854.D
 Acq: 9 May 2026 4:05 pm

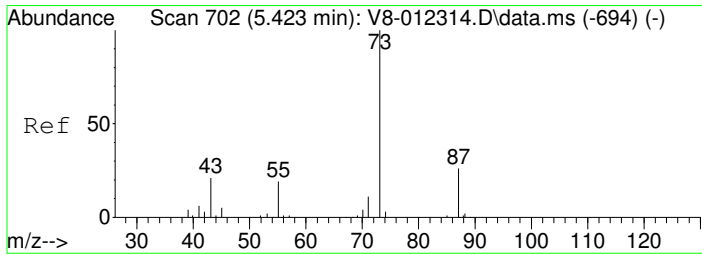
Tgt Ion:	50	Resp:	49322
Ion Ratio	Lower	Upper	
50	100		
96	1059.4	709.9	1474.3
70	205.1	137.5	285.7



#42
 d4-1,2-Dichloroethane (SURR)
 Concen: 9.64 ppb
 RT: 5.301 min Scan# 682
 Delta R.T. 0.006 min
 Lab File: V8-012854.D
 Acq: 9 May 2026 4:05 pm

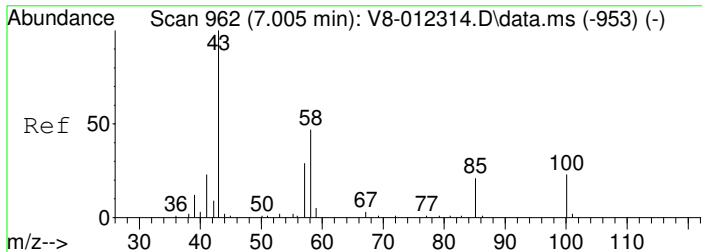
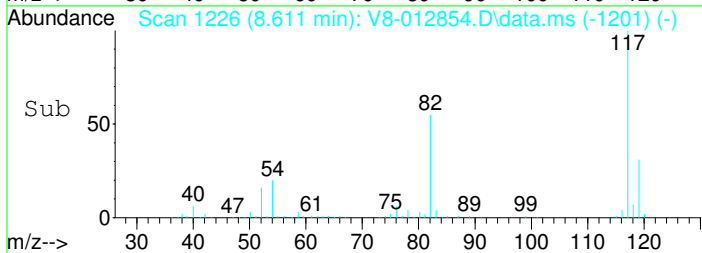
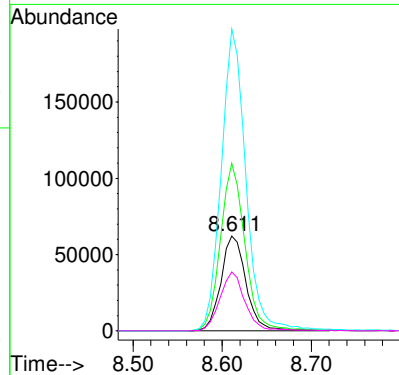
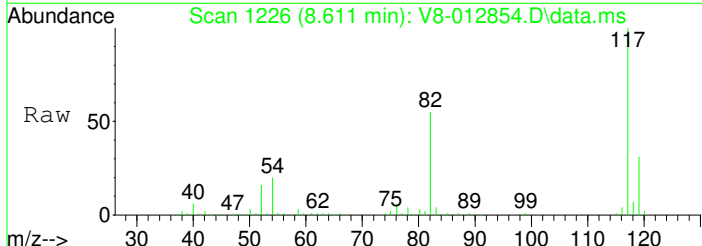
Tgt Ion:	65	Resp:	107633
Ion Ratio	Lower	Upper	
65	100		
102	22.5	15.3	31.9
67	54.5	36.3	75.3





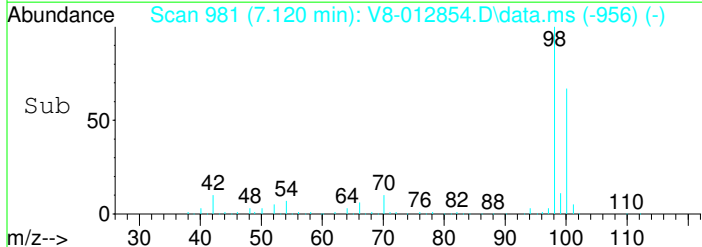
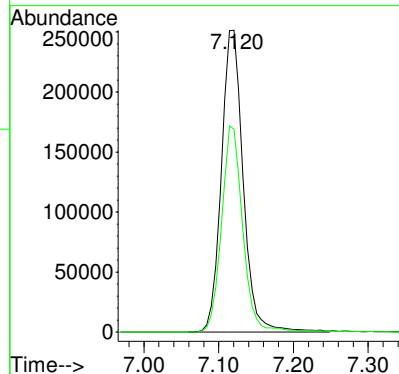
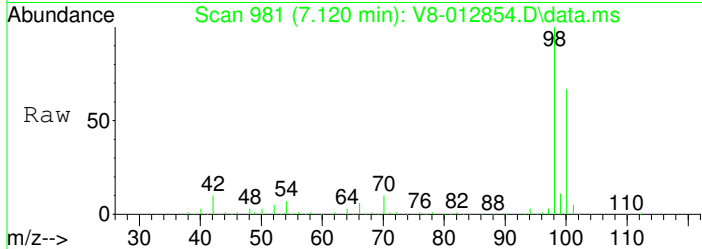
#48
 CHLOROBENZENE-d5 (ISTD)
 Concen: 10.00 ppb
 RT: 8.611 min Scan# 1226
 Delta R.T. -0.000 min
 Lab File: V8-012854.D
 Acq: 9 May 2026 4:05 pm

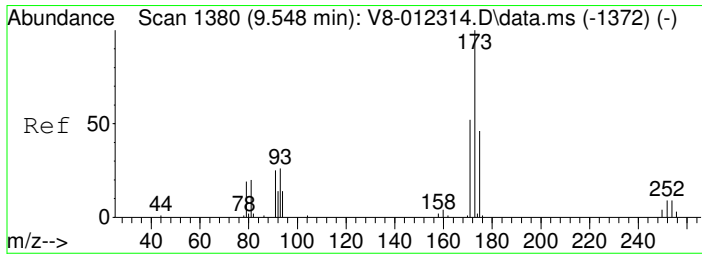
Tgt Ion:	119	Resp:	121942
Ion Ratio	Lower	Upper	
119	100		
82	172.6	112.1	232.7
117	312.9	203.0	421.6
54	62.3	41.7	86.5



#60
 Toluene-d8 (SURR)
 Concen: 10.32 ppb
 RT: 7.120 min Scan# 981
 Delta R.T. 0.000 min
 Lab File: V8-012854.D
 Acq: 9 May 2026 4:05 pm

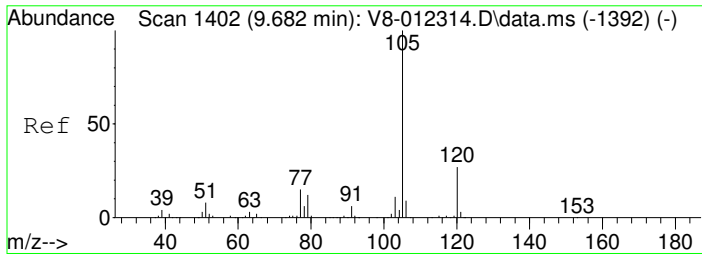
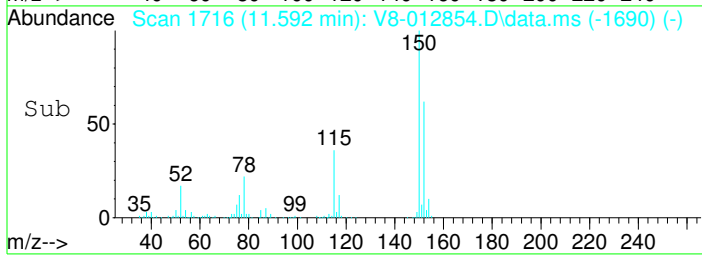
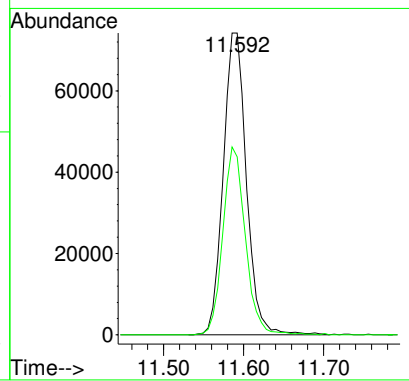
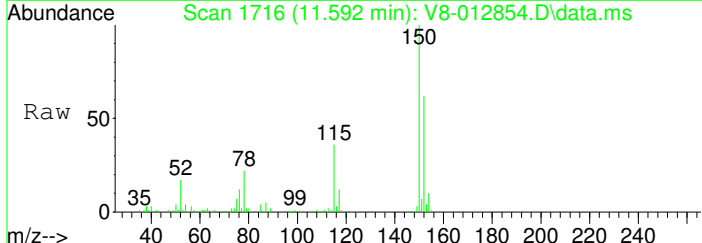
Tgt Ion:	98	Resp:	510928
Ion Ratio	Lower	Upper	
98	100		
100	66.3	43.0	89.4





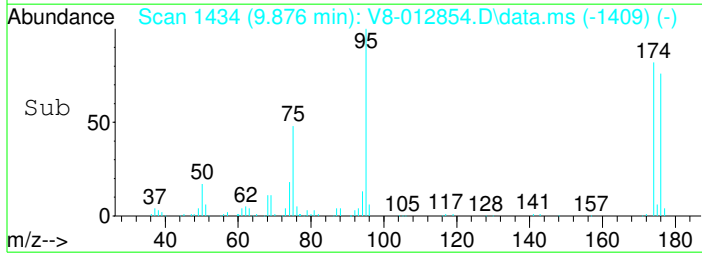
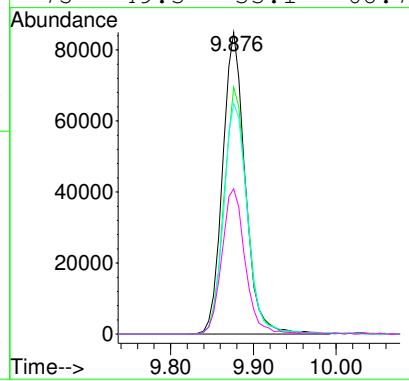
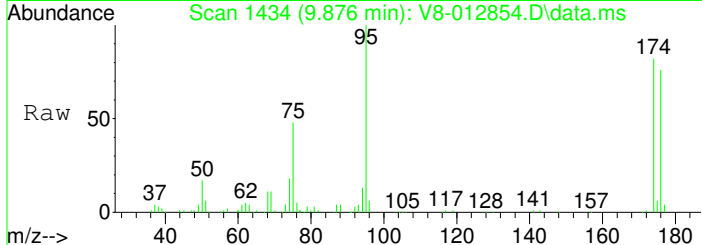
#80
 1,2-DICHLOROBENZENE-d4 (ISTD)
 Concen: 10.00 ppb
 RT: 11.592 min Scan# 1716
 Delta R.T. 0.006 min
 Lab File: V8-012854.D
 Acq: 9 May 2026 4:05 pm

Tgt Ion:	152	Resp:	149715
Ion Ratio	Lower	Upper	
152	100		
115	60.4	40.6	84.4



#82
 p-Bromofluorobenzene (SURRE)
 Concen: 10.10 ppb
 RT: 9.876 min Scan# 1434
 Delta R.T. 0.000 min
 Lab File: V8-012854.D
 Acq: 9 May 2026 4:05 pm

Tgt Ion:	95	Resp:	161266
Ion Ratio	Lower	Upper	
95	100		
174	83.2	54.0	112.2
176	79.8	50.2	104.2
75	49.3	33.1	68.7



Data Path : C:\msdchem\1\data\V8-05-09-26\
Data File : V8-012854.D
Acq On : 9 May 2026 4:05 pm
Operator : THD
Sample : BE60547-BLK1
Misc :
ALS Vial : 93 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : C:\msdchem\1\methods\V8-8260D-R050526.M
Title : Volatile Organics EPA 8260D & 624.1

Signal : TIC: V8-012854.D\data.ms

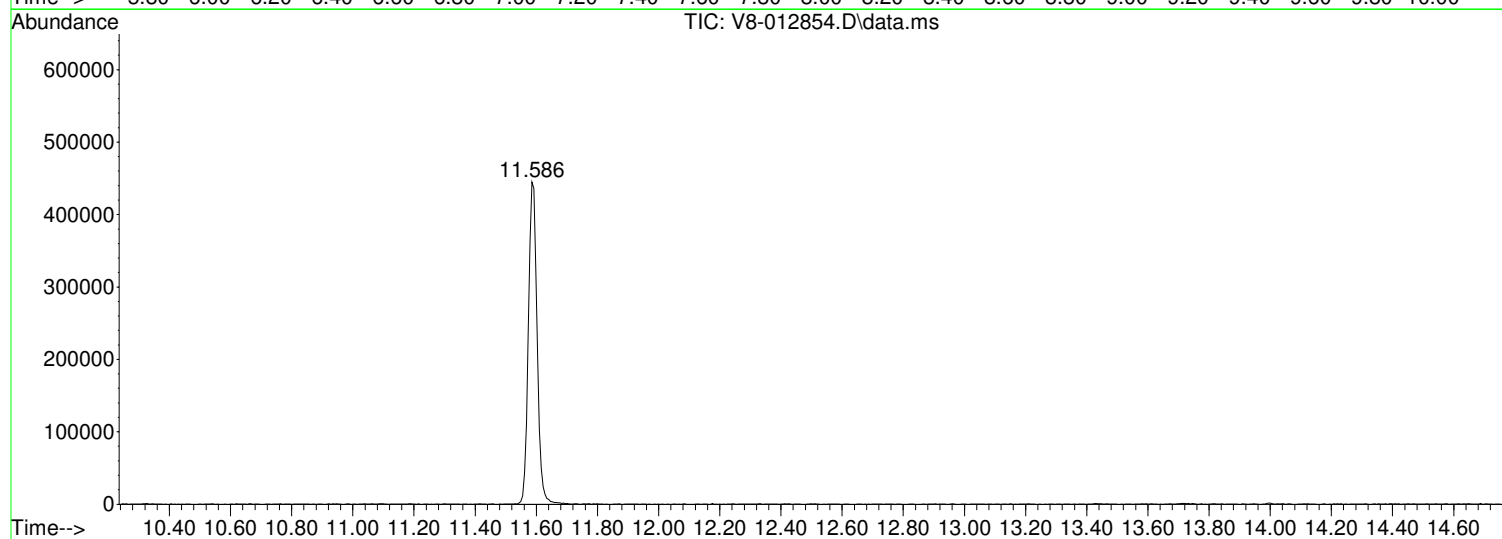
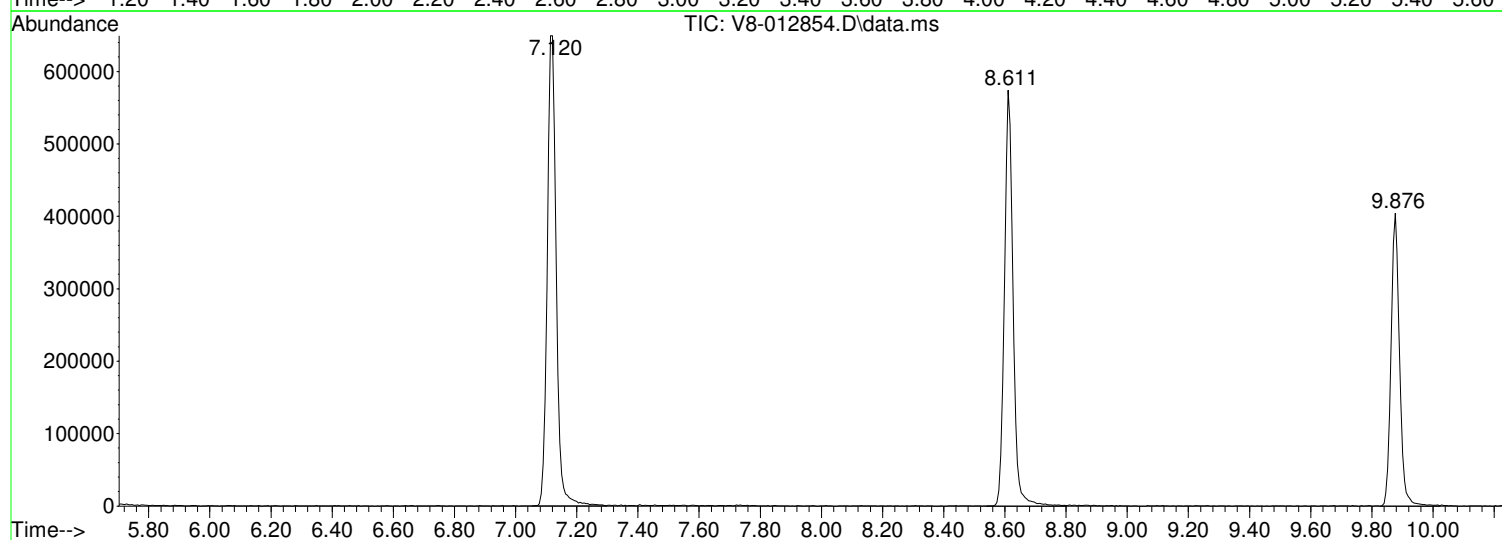
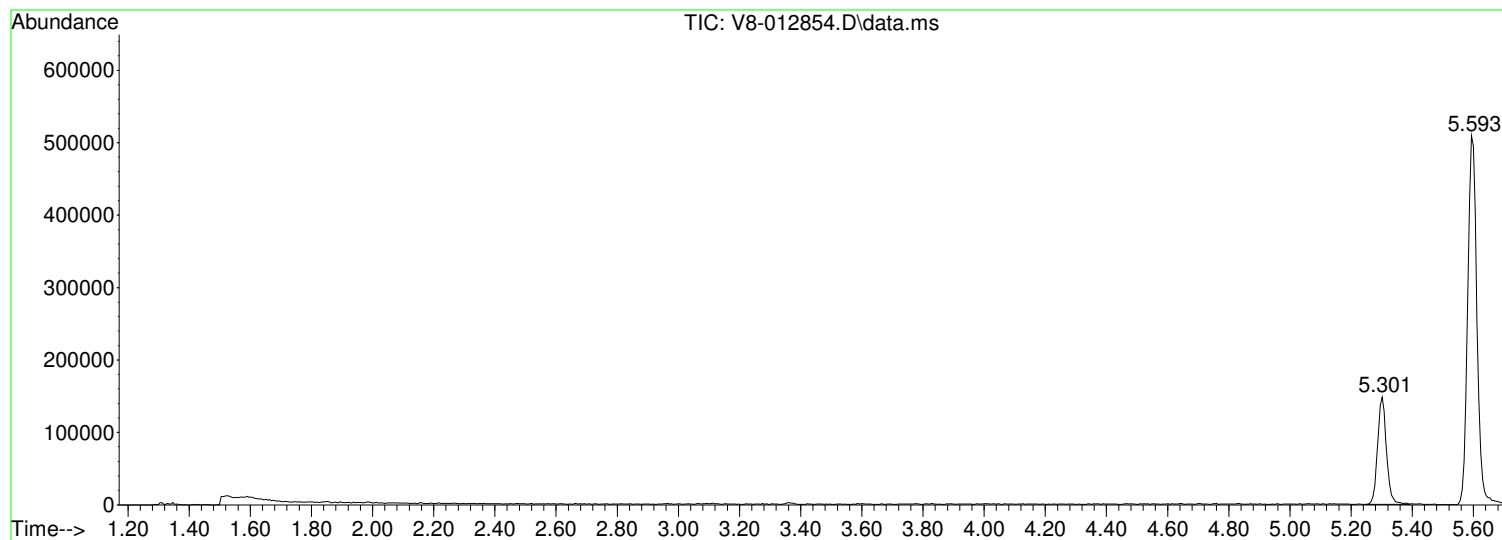
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.301	673	682	697	rBV	148339	300385	22.72%	5.485%
2	5.593	722	730	751	rBV	509586	1067637	80.76%	19.496%
3	7.120	970	981	1010	rBV	649372	1322056	100.00%	24.142%
4	8.611	1214	1226	1257	rBV	574018	1127678	85.30%	20.592%
5	9.876	1426	1434	1458	rBV	404656	781904	59.14%	14.278%
6	11.586	1697	1715	1736	rBV	444620	876575	66.30%	16.007%

Sum of corrected areas: 5476235

Data Path : C:\msdchem\1\data\V8-05-09-26\
Data File : V8-012854.D
Acq On : 9 May 2026 4:05 pm
Operator : THD
Sample : BE60547-BLK1
Misc :
ALS Vial : 93 Sample Multiplier: 1

Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
Quant Title : Volatile Organics EPA 8260D & 624.1

TIC Library : C:\Database\NIST129K.L
TIC Integration Parameters: rteint.p



Data Path : C:\msdchem\1\data\V8-05-09-26\
Data File : V8-012854.D
Acq On : 9 May 2026 4:05 pm
Operator : THD
Sample : BE60547-BLK1
Misc :
ALS Vial : 93 Sample Multiplier: 1

Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
Quant Title : Volatile Organics EPA 8260D & 624.1

TIC Library : C:\Database\NIST129K.L
TIC Integration Parameters: rteint.p

No Library Search Compounds Detected

Data Path : C:\msdchem\1\data\V8-05-09-26\
Data File : V8-012854.D
Acq On : 9 May 2026 4:05 pm
Operator : THD
Sample : BE60547-BLK1
Misc :
ALS Vial : 93 Sample Multiplier: 1

Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
Quant Title : Volatile Organics EPA 8260D & 624.1

TIC Library : C:\Database\NIST129K.L
TIC Integration Parameters: rteint.p

TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

FORM I

METHOD BLANK DATA SHEET
EPA 8260D

Laboratory: ALS Environmental - Stratford
 Client: Hydro Tech Environmental
 Project: 230051 - 170 Freeman Street, Brooklyn
 Preparation: EPA 5030B
 Instrument: VOA No. 8
 Batch: BE60583

SDG: 26E0163
 Laboratory ID: BE60583-BLK1
 Calibration: SE60011
 File ID: V8-012902.D
 Initial/Final: 25 mL / 25 mL
 Matrix: Water

Prepared: 05/11/26 07:00
 Analyzed: 05/11/26 11:14
 Sequence: S6E1235

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	05/11/26 07:00	05/11/26 11:14	
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.500	0.266	1	EPA 8260D	05/11/26 07:00	05/11/26 11:14	
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.500	0.256	1	EPA 8260D	05/11/26 07:00	05/11/26 11:14	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.500	0.286	1	EPA 8260D	05/11/26 07:00	05/11/26 11:14	
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.500	0.249	1	EPA 8260D	05/11/26 07:00	05/11/26 11:14	
75-34-3	1,1-Dichloroethane	ND		ug/L	0.500	0.272	1	EPA 8260D	05/11/26 07:00	05/11/26 11:14	
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.500	0.327	1	EPA 8260D	05/11/26 07:00	05/11/26 11:14	
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.500	0.222	1	EPA 8260D	05/11/26 07:00	05/11/26 11:14	
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.500	0.273	1	EPA 8260D	05/11/26 07:00	05/11/26 11:14	
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.500	0.138	1	EPA 8260D	05/11/26 07:00	05/11/26 11:14	
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.500	0.310	1	EPA 8260D	05/11/26 07:00	05/11/26 11:14	
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.500	0.432	1	EPA 8260D	05/11/26 07:00	05/11/26 11:14	
106-93-4	1,2-Dibromoethane	ND		ug/L	0.500	0.215	1	EPA 8260D	05/11/26 07:00	05/11/26 11:14	
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.500	0.270	1	EPA 8260D	05/11/26 07:00	05/11/26 11:14	
107-06-2	1,2-Dichloroethane	ND		ug/L	0.500	0.377	1	EPA 8260D	05/11/26 07:00	05/11/26 11:14	
78-87-5	1,2-Dichloropropane	ND		ug/L	0.500	0.327	1	EPA 8260D	05/11/26 07:00	05/11/26 11:14	
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.500	0.347	1	EPA 8260D	05/11/26 07:00	05/11/26 11:14	
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.500	0.283	1	EPA 8260D	05/11/26 07:00	05/11/26 11:14	
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.500	0.311	1	EPA 8260D	05/11/26 07:00	05/11/26 11:14	
78-93-3	2-Butanone	ND		ug/L	0.500	0.421	1	EPA 8260D	05/11/26 07:00	05/11/26 11:14	
591-78-6	2-Hexanone	ND		ug/L	0.500	0.320	1	EPA 8260D	05/11/26 07:00	05/11/26 11:14	
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.500	0.365	1	EPA 8260D	05/11/26 07:00	05/11/26 11:14	
67-64-1	Acetone	ND		ug/L	2.00	1.34	1	EPA 8260D	05/11/26 07:00	05/11/26 11:14	
107-02-8	Acrolein	ND		ug/L	0.500	0.447	1	EPA 8260D	05/11/26 07:00	05/11/26 11:14	
107-13-1	Acrylonitrile	ND		ug/L	0.500	0.422	1	EPA 8260D	05/11/26 07:00	05/11/26 11:14	
71-43-2	Benzene	ND		ug/L	0.500	0.279	1	EPA 8260D	05/11/26 07:00	05/11/26 11:14	
74-97-5	Bromochloromethane	ND		ug/L	0.500	0.354	1	EPA 8260D	05/11/26 07:00	05/11/26 11:14	
75-27-4	Bromodichloromethane	ND		ug/L	0.500	0.245	1	EPA 8260D	05/11/26 07:00	05/11/26 11:14	
75-25-2	Bromoform	ND		ug/L	0.500	0.163	1	EPA 8260D	05/11/26 07:00	05/11/26 11:14	
74-83-9	Bromomethane	ND		ug/L	2.00	0.500	1	EPA 8260D	05/11/26 07:00	05/11/26 11:14	
75-15-0	Carbon disulfide	ND		ug/L	0.500	0.362	1	EPA 8260D	05/11/26 07:00	05/11/26 11:14	
56-23-5	Carbon tetrachloride	ND		ug/L	0.500	0.204	1	EPA 8260D	05/11/26 07:00	05/11/26 11:14	
108-90-7	Chlorobenzene	ND		ug/L	0.500	0.284	1	EPA 8260D	05/11/26 07:00	05/11/26 11:14	
75-00-3	Chloroethane	ND		ug/L	0.500	0.448	1	EPA 8260D	05/11/26 07:00	05/11/26 11:14	
67-66-3	Chloroform	ND		ug/L	0.500	0.243	1	EPA 8260D	05/11/26 07:00	05/11/26 11:14	
74-87-3	Chloromethane	ND		ug/L	0.500	0.372	1	EPA 8260D	05/11/26 07:00	05/11/26 11:14	
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.500	0.294	1	EPA 8260D	05/11/26 07:00	05/11/26 11:14	
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.500	0.262	1	EPA 8260D	05/11/26 07:00	05/11/26 11:14	
110-82-7	Cyclohexane	ND		ug/L	0.500	0.491	1	EPA 8260D	05/11/26 07:00	05/11/26 11:14	
124-48-1	Dibromochloromethane	ND		ug/L	0.500	0.146	1	EPA 8260D	05/11/26 07:00	05/11/26 11:14	
74-95-3	Dibromomethane	ND		ug/L	0.500	0.203	1	EPA 8260D	05/11/26 07:00	05/11/26 11:14	
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.500	0.451	1	EPA 8260D	05/11/26 07:00	05/11/26 11:14	
100-41-4	Ethyl Benzene	ND		ug/L	0.500	0.290	1	EPA 8260D	05/11/26 07:00	05/11/26 11:14	

FORM I

METHOD BLANK DATA SHEET

EPA 8260D

Laboratory:ALS Environmental - Stratford

Client:Hydro Tech Environmental

Project:230051 - 170 Freeman Street, Brooklyn

Preparation:EPA 5030B

Instrument:VOA No. 8

Batch:BE60583

SDG:26E0163

Laboratory ID:BE60583-BLK1

Calibration:SE60011

File ID:V8-012902.D

Initial/Final:25 mL / 25 mL

Matrix:Water

Prepared:05/11/26 07:00

Analyzed:05/11/26 11:14

Sequence:S6E1235

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	05/11/26 07:00	05/11/26 11:14	
98-82-8	Isopropylbenzene	ND		ug/L	0.500	0.405	1	EPA 8260D	05/11/26 07:00	05/11/26 11:14	
79-20-9	Methyl acetate	ND		ug/L	0.500	0.442	1	EPA 8260D	05/11/26 07:00	05/11/26 11:14	
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.500	0.244	1	EPA 8260D	05/11/26 07:00	05/11/26 11:14	
108-87-2	Methylcyclohexane	ND		ug/L	0.500	0.477	1	EPA 8260D	05/11/26 07:00	05/11/26 11:14	
75-09-2	Methylene chloride	ND		ug/L	2.00	0.397	1	EPA 8260D	05/11/26 07:00	05/11/26 11:14	
104-51-8	n-Butylbenzene	ND		ug/L	0.500	0.399	1	EPA 8260D	05/11/26 07:00	05/11/26 11:14	
103-65-1	n-Propylbenzene	ND		ug/L	0.500	0.384	1	EPA 8260D	05/11/26 07:00	05/11/26 11:14	
95-47-6	o-Xylene	ND		ug/L	0.500	0.261	1	EPA 8260D	05/11/26 07:00	05/11/26 11:14	
179601-23-1	p- & m- Xylenes	ND		ug/L	1.00	0.578	1	EPA 8260D	05/11/26 07:00	05/11/26 11:14	
99-87-6	p-Isopropyltoluene	ND		ug/L	0.500	0.377	1	EPA 8260D	05/11/26 07:00	05/11/26 11:14	
135-98-8	sec-Butylbenzene	ND		ug/L	0.500	0.444	1	EPA 8260D	05/11/26 07:00	05/11/26 11:14	
100-42-5	Styrene	ND		ug/L	0.500	0.255	1	EPA 8260D	05/11/26 07:00	05/11/26 11:14	
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	1.00	0.608	1	EPA 8260D	05/11/26 07:00	05/11/26 11:14	
98-06-6	tert-Butylbenzene	ND		ug/L	0.500	0.367	1	EPA 8260D	05/11/26 07:00	05/11/26 11:14	
127-18-4	Tetrachloroethylene	ND		ug/L	0.500	0.239	1	EPA 8260D	05/11/26 07:00	05/11/26 11:14	
108-88-3	Toluene	ND		ug/L	0.500	0.346	1	EPA 8260D	05/11/26 07:00	05/11/26 11:14	
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.500	0.279	1	EPA 8260D	05/11/26 07:00	05/11/26 11:14	
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.500	0.229	1	EPA 8260D	05/11/26 07:00	05/11/26 11:14	
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.500	0.283	1	EPA 8260D	05/11/26 07:00	05/11/26 11:14	
79-01-6	Trichloroethylene	ND		ug/L	0.500	0.249	1	EPA 8260D	05/11/26 07:00	05/11/26 11:14	
75-69-4	Trichlorofluoromethane	ND		ug/L	0.500	0.337	1	EPA 8260D	05/11/26 07:00	05/11/26 11:14	
75-01-4	Vinyl Chloride	ND		ug/L	0.500	0.469	1	EPA 8260D	05/11/26 07:00	05/11/26 11:14	
1330-20-7	Xylenes, Total	ND		ug/L	1.50	0.839	1	EPA 8260D	05/11/26 07:00	05/11/26 11:14	
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	SURR: 1,2-Dichloroethane-d4	95.1 %	69-130								
460-00-4	SURR: p-Bromofluorobenzene	107 %	79-122								
2037-26-5	SURR: Toluene-d8	102 %	81-117								

Data Path : C:\msdchem\1\data\V8-05-11-26\
 Data File : V8-012902.D
 Acq On : 11 May 2026 11:14 am
 Operator : THD
 InstName : VOA No. 8
 Sample : BE60583-BLK1
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Quant Time: May 12 21:41:32 2026
 Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Fri May 08 12:52:12 2026
 Response via : Initial Calibration

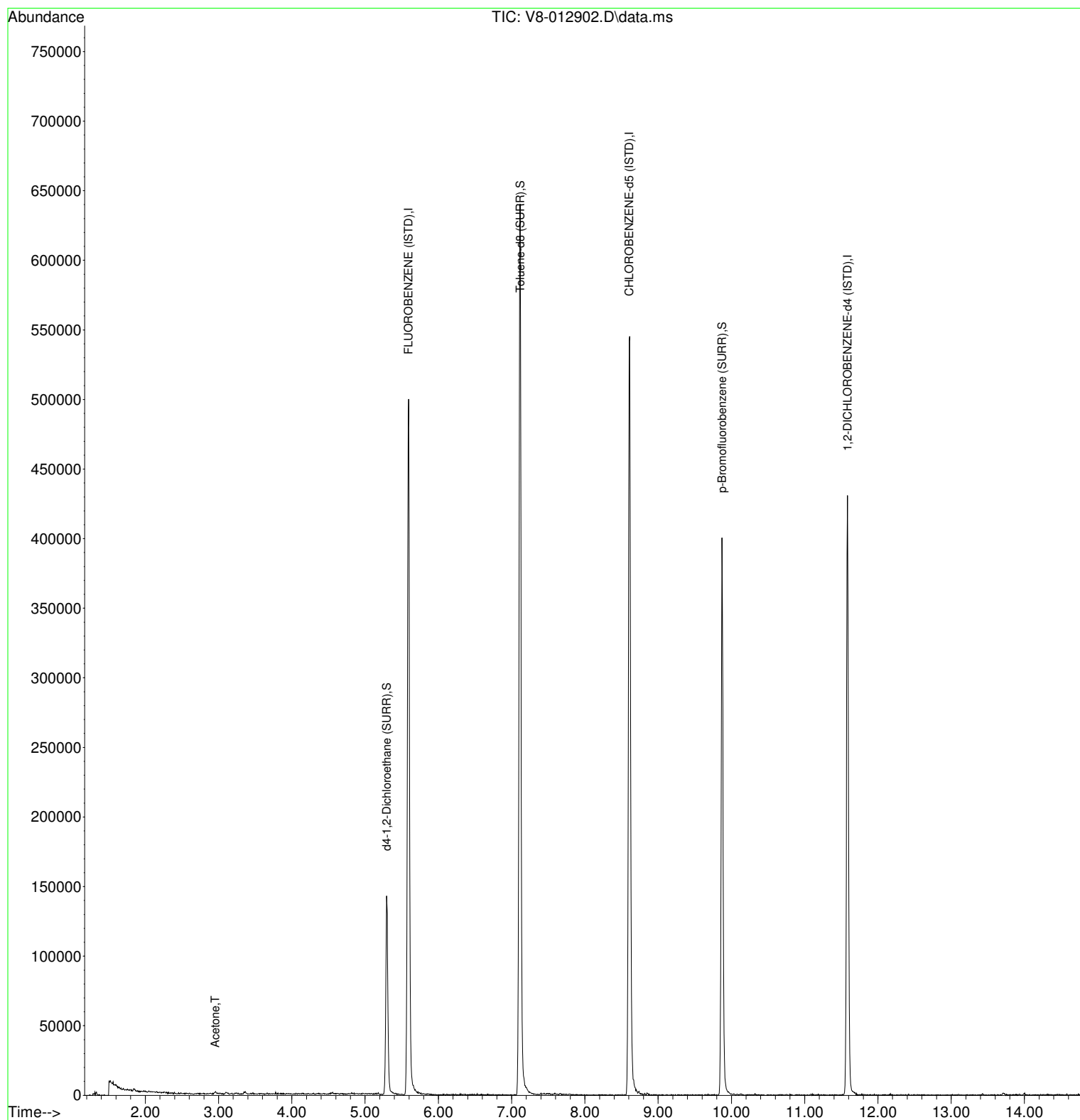
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

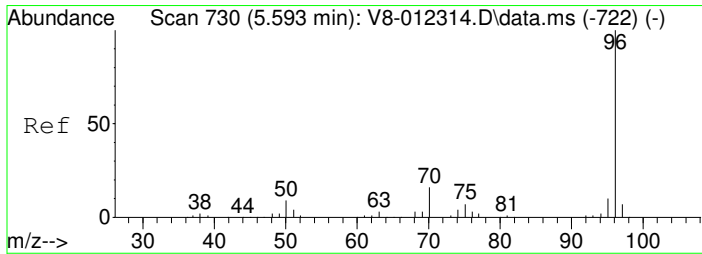
Internal Standards						
1) FLUOROBENZENE (ISTD)	5.593	50	49337	10.00	ppb	0.00
48) CHLOROBENZENE-d5 (ISTD)	8.605	119	119782	10.00	ppb	0.00
80) 1,2-DICHLOROBENZENE-d4...	11.586	152	136689	10.00	ppb	0.00
System Monitoring Compounds						
42) d4-1,2-Dichloroethane ...	5.295	65	106177	9.51	ppb	0.00
Spiked Amount 10.000	Range	69 - 130	Recovery	=	95.10%	
60) Toluene-d8 (SURR)	7.114	98	494568	10.17	ppb	0.00
Spiked Amount 10.000	Range	81 - 117	Recovery	=	101.70%	
82) p-Bromofluorobenzene (...)	9.870	95	155912	10.69	ppb	0.00
Spiked Amount 10.000	Range	79 - 122	Recovery	=	106.90%	
Target Compounds						
18) Acetone	2.953	58	701	1.10	ppb	Qvalue 63

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

Data Path : C:\msdchem\1\data\V8-05-11-26\
Data File : V8-012902.D
Acq On : 11 May 2026 11:14 am
Operator : THD
InstName : VOA No. 8
Sample : BE60583-BLK1
Misc :
ALS Vial : 41 Sample Multiplier: 1

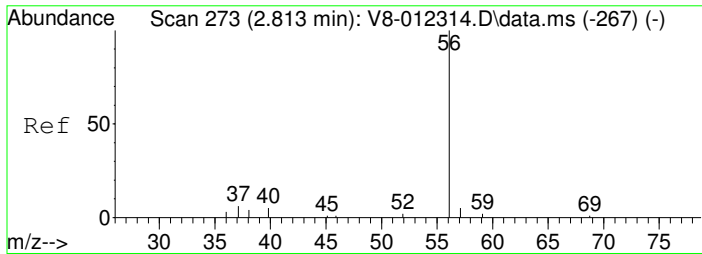
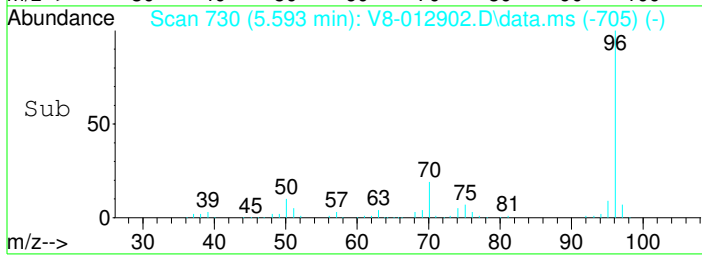
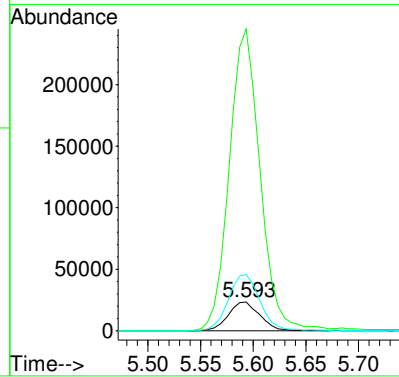
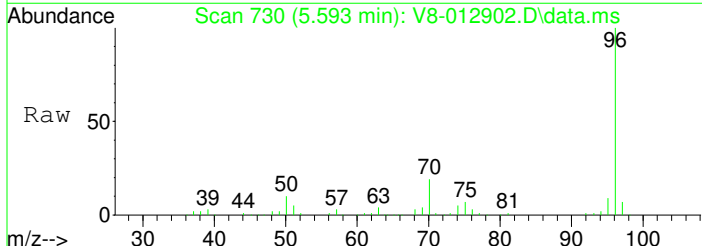
Quant Time: May 12 21:41:32 2026
Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Fri May 08 12:52:12 2026
Response via : Initial Calibration





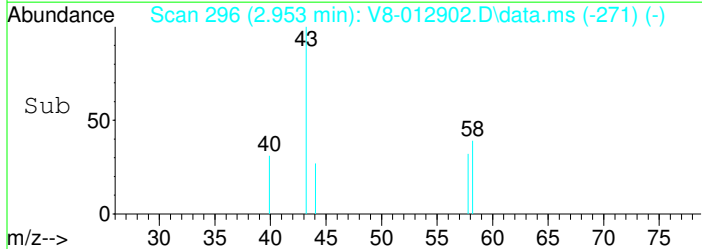
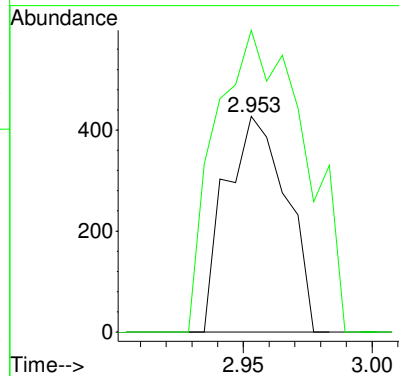
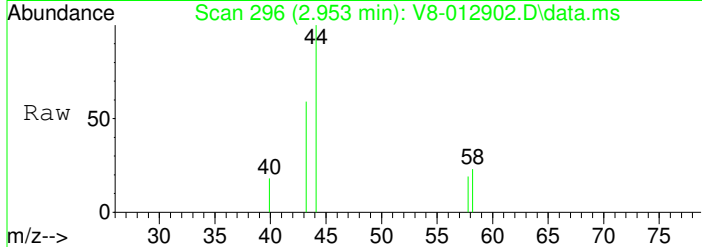
#1
FLUOROBENZENE (ISTD)
Concen: 10.00 ppb
RT: 5.593 min Scan# 730
Delta R.T. 0.000 min
Lab File: V8-012902.D
Acq: 11 May 2026 11:14 am

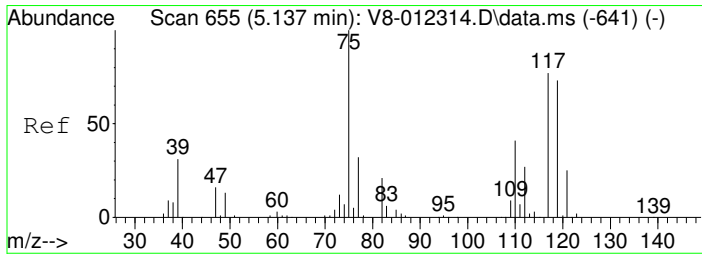
Tgt Ion	50	96	70
Resp	49337		
Ion Ratio		1013.0	197.2
Lower		709.9	137.5
Upper		1474.3	285.7



#18
Acetone
Concen: 1.10 ppb
RT: 2.953 min Scan# 296
Delta R.T. 0.000 min
Lab File: V8-012902.D
Acq: 11 May 2026 11:14 am

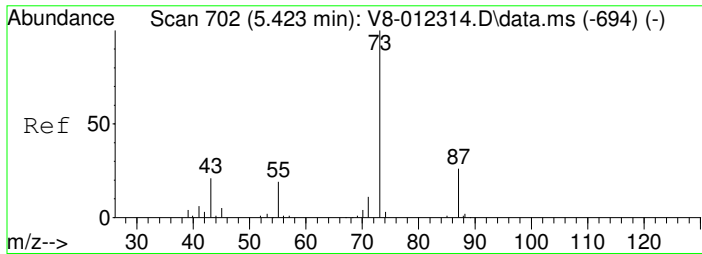
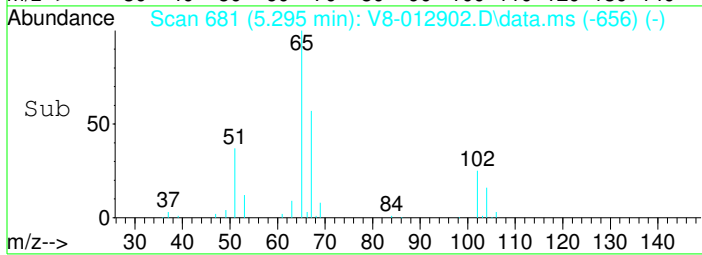
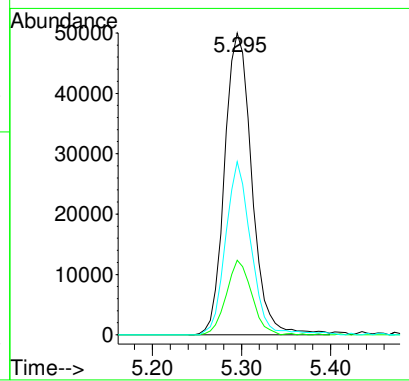
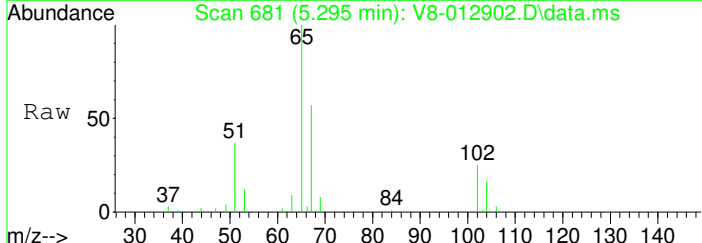
Tgt Ion	58	43
Resp	701	
Ion Ratio		206.1
Lower		179.1
Upper		371.9





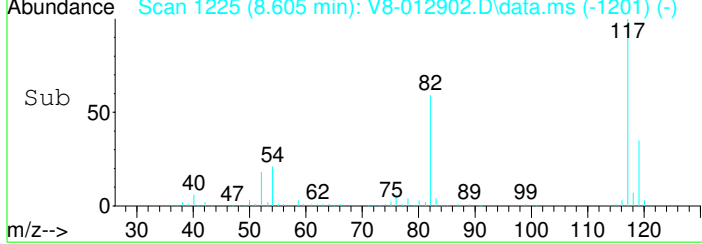
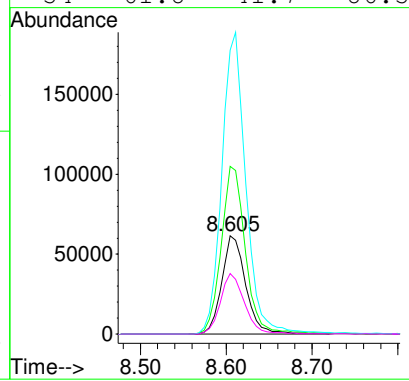
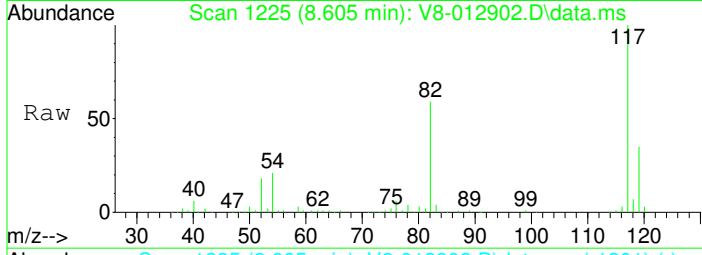
#42
d4-1,2-Dichloroethane (SURR)
Concen: 9.51 ppb
RT: 5.295 min Scan# 681
Delta R.T. 0.000 min
Lab File: V8-012902.D
Acq: 11 May 2026 11:14 am

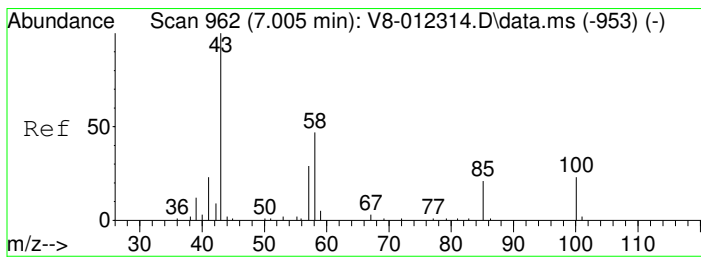
Tgt Ion:	65	Resp:	106177
Ion Ratio	Lower	Upper	
65	100		
102	23.0	15.3	31.9
67	53.8	36.3	75.3



#48
CHLOROBENZENE-d5 (ISTD)
Concen: 10.00 ppb
RT: 8.605 min Scan# 1225
Delta R.T. -0.006 min
Lab File: V8-012902.D
Acq: 11 May 2026 11:14 am

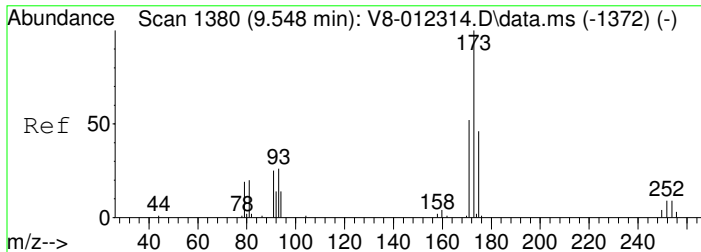
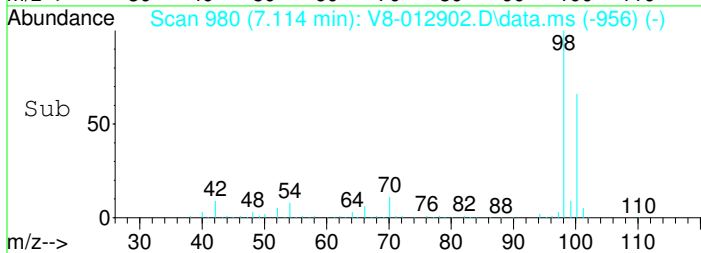
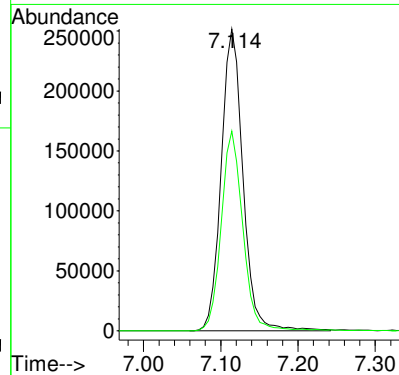
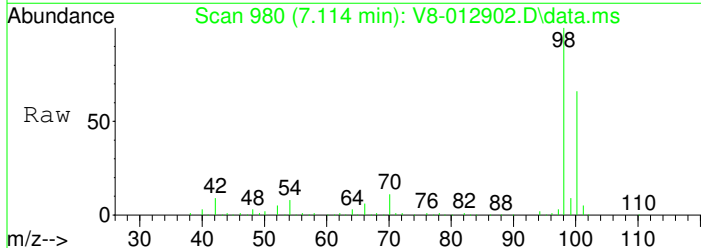
Tgt Ion:	119	Resp:	119782
Ion Ratio	Lower	Upper	
119	100		
82	171.8	112.1	232.7
117	305.6	203.0	421.6
54	61.8	41.7	86.5





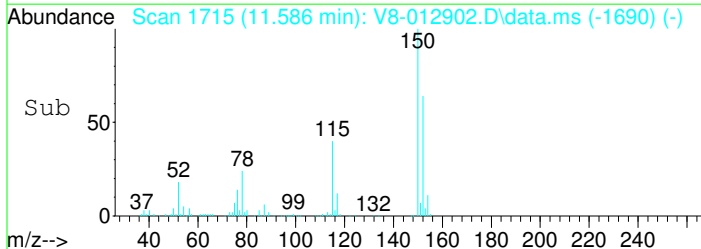
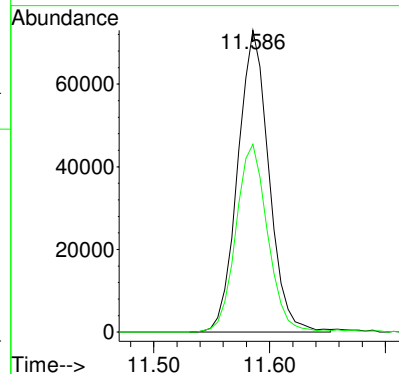
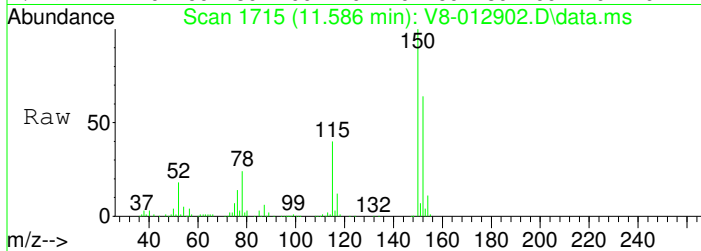
#60
Toluene-d8 (SURR)
Concen: 10.17 ppb
RT: 7.114 min Scan# 980
Delta R.T. -0.006 min
Lab File: V8-012902.D
Acq: 11 May 2026 11:14 am

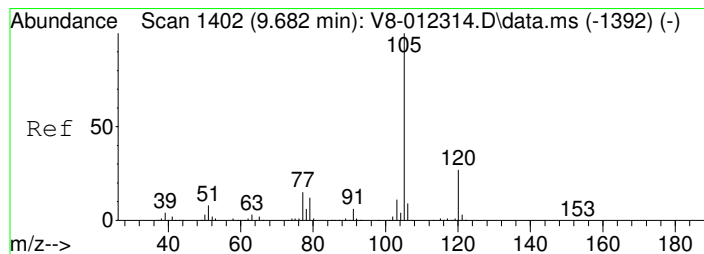
Tgt Ion: 98 Resp: 494568
Ion Ratio Lower Upper
98 100
100 65.6 43.0 89.4



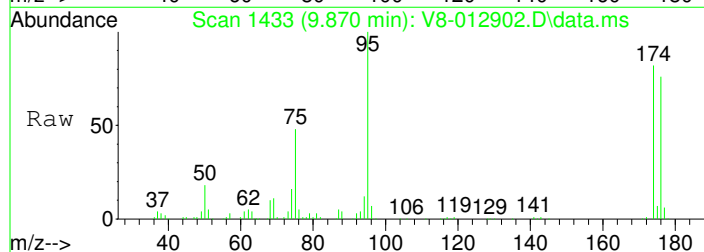
#80
1,2-DICHLOROBENZENE-d4 (ISTD)
Concen: 10.00 ppb
RT: 11.586 min Scan# 1715
Delta R.T. -0.000 min
Lab File: V8-012902.D
Acq: 11 May 2026 11:14 am

Tgt Ion: 152 Resp: 136689
Ion Ratio Lower Upper
152 100
115 63.0 40.6 84.4

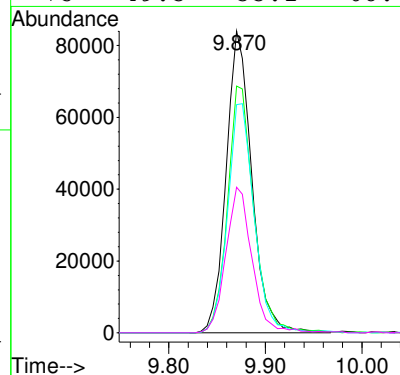
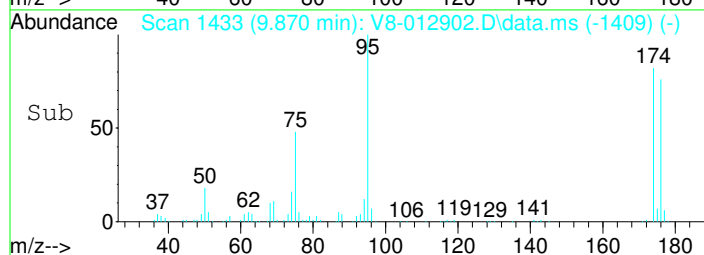




#82
 p-Bromofluorobenzene (SURR)
 Concen: 10.69 ppb
 RT: 9.870 min Scan# 1433
 Delta R.T. -0.006 min
 Lab File: V8-012902.D
 Acq: 11 May 2026 11:14 am



Tgt Ion:	95	Resp:	155912
Ion Ratio	Lower	Upper	
95	100		
174	83.3	54.0	112.2
176	78.3	50.2	104.2
75	49.3	33.1	68.7



FORM V**MASS SPECTROMETER INSTRUMENT PERFORMANCE CHECK****EPA 8260D**Laboratory: ALS Environmental - StratfordSDG: 26E0163Client: Hydro Tech EnvironmentalProject: 230051 - 170 Freeman Street, BrooklynLab File ID: V8-012697.DInjection Date: 05/05/26Instrument ID: VOA No. 8Injection Time: 21:33Sequence: S6E0801Lab Sample ID: S6E0801-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15 - 40% of 95	17.3	PASS
75	30 - 60% of 95	47.4	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.73	PASS
173	Less than 2% of 174	0	PASS
174	50 - 100% of 95	80.8	PASS
175	5 - 9% of 174	8.92	PASS
176	95 - 101% of 174	96.6	PASS
177	5 - 10% of 176	6.39	PASS

FORM V**MASS SPECTROMETER INSTRUMENT PERFORMANCE CHECK****EPA 8260D**Laboratory: ALS Environmental - StratfordSDG: 26E0163Client: Hydro Tech EnvironmentalProject: 230051 - 170 Freeman Street, BrooklynLab File ID: V8-012826.DInjection Date: 05/09/26Instrument ID: VOA No. 8Injection Time: 00:47Sequence: S6E0904Lab Sample ID: S6E0904-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15 - 40% of 95	16	PASS
75	30 - 60% of 95	48.6	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.9	PASS
173	Less than 2% of 174	0	PASS
174	50 - 100% of 95	92	PASS
175	5 - 9% of 174	7.17	PASS
176	95 - 101% of 174	97.5	PASS
177	5 - 10% of 176	5.63	PASS

FORM V**MASS SPECTROMETER INSTRUMENT PERFORMANCE CHECK****EPA 8260D**Laboratory: ALS Environmental - StratfordSDG: 26E0163Client: Hydro Tech EnvironmentalProject: 230051 - 170 Freeman Street, BrooklynLab File ID: V8-012849.DInjection Date: 05/09/26Instrument ID: VOA No. 8Injection Time: 13:13Sequence: S6E1115Lab Sample ID: S6E1115-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15 - 40% of 95	16.6	PASS
75	30 - 60% of 95	48.7	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.39	PASS
173	Less than 2% of 174	0	PASS
174	50 - 100% of 95	86	PASS
175	5 - 9% of 174	7.93	PASS
176	95 - 101% of 174	98.4	PASS
177	5 - 10% of 176	6.53	PASS

FORM V**MASS SPECTROMETER INSTRUMENT PERFORMANCE CHECK****EPA 8260D**Laboratory: ALS Environmental - StratfordSDG: 26E0163Client: Hydro Tech EnvironmentalProject: 230051 - 170 Freeman Street, BrooklynLab File ID: V8-012898.DInjection Date: 05/11/26Instrument ID: VOA No. 8Injection Time: 07:57Sequence: S6E1235Lab Sample ID: S6E1235-TUN1

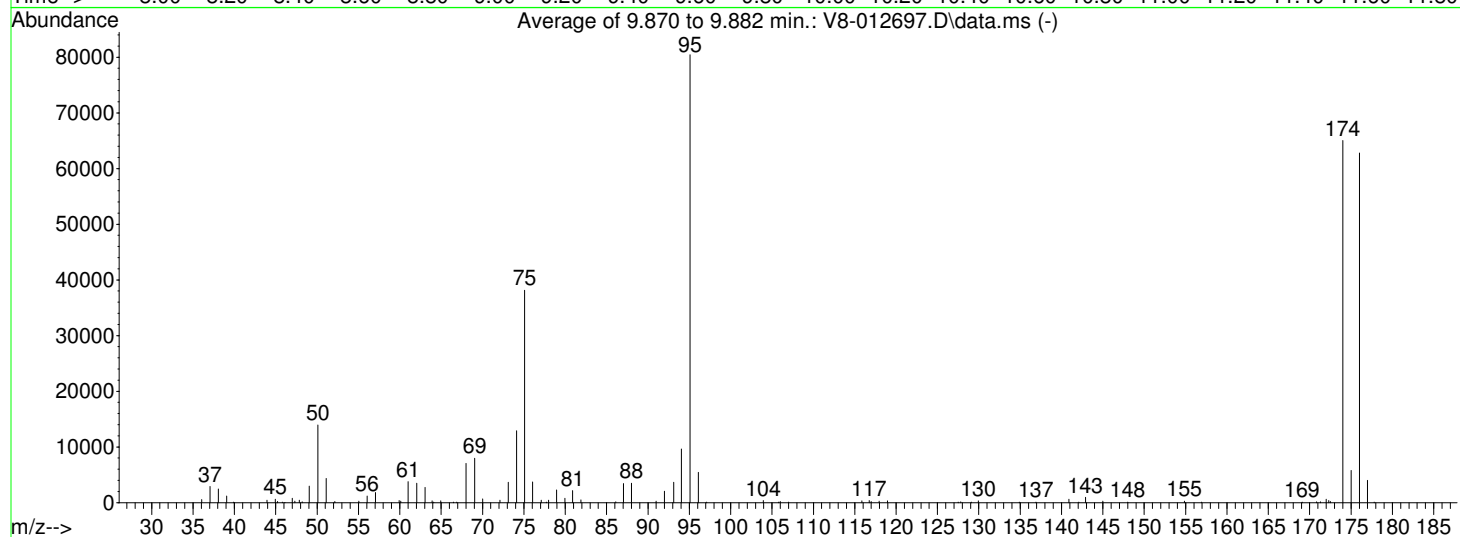
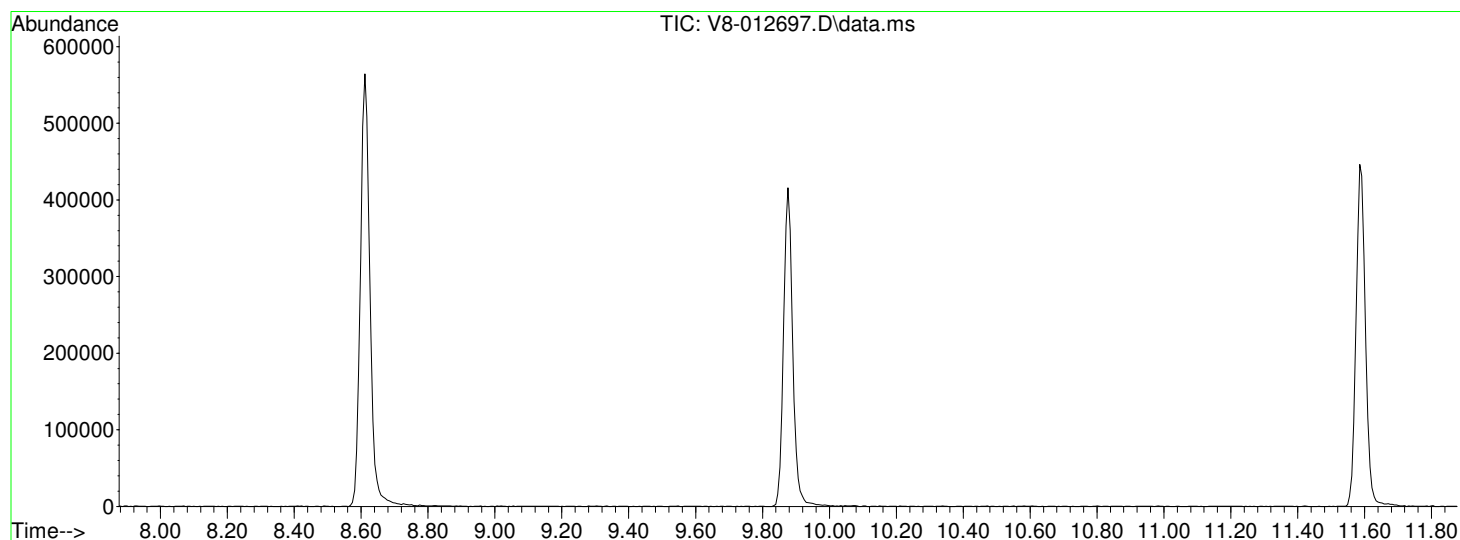
m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15 - 40% of 95	17.9	PASS
75	30 - 60% of 95	50.9	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	7.62	PASS
173	Less than 2% of 174	0	PASS
174	50 - 100% of 95	79	PASS
175	5 - 9% of 174	7.78	PASS
176	95 - 101% of 174	95.1	PASS
177	5 - 10% of 176	7.24	PASS

Data Path : C:\msdchem\1\data\V8-05-05-26\
 Data File : V8-012697.D
 Acq On : 5 May 2026 9:33 pm
 InstName : VOA No. 8
 Operator : THD
 Sample : SEQ-TUN1
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Inst : VOA No. 8

Integration File: rteint.p

Method : C:\msdchem\1\methods\V8-8260D-R050526.M
 Title : Volatile Organics EPA 8260D & 624.1
 Last Update : Fri May 08 12:52:12 2026



Spectrum Information: Average of 9.870 to 9.882 min.

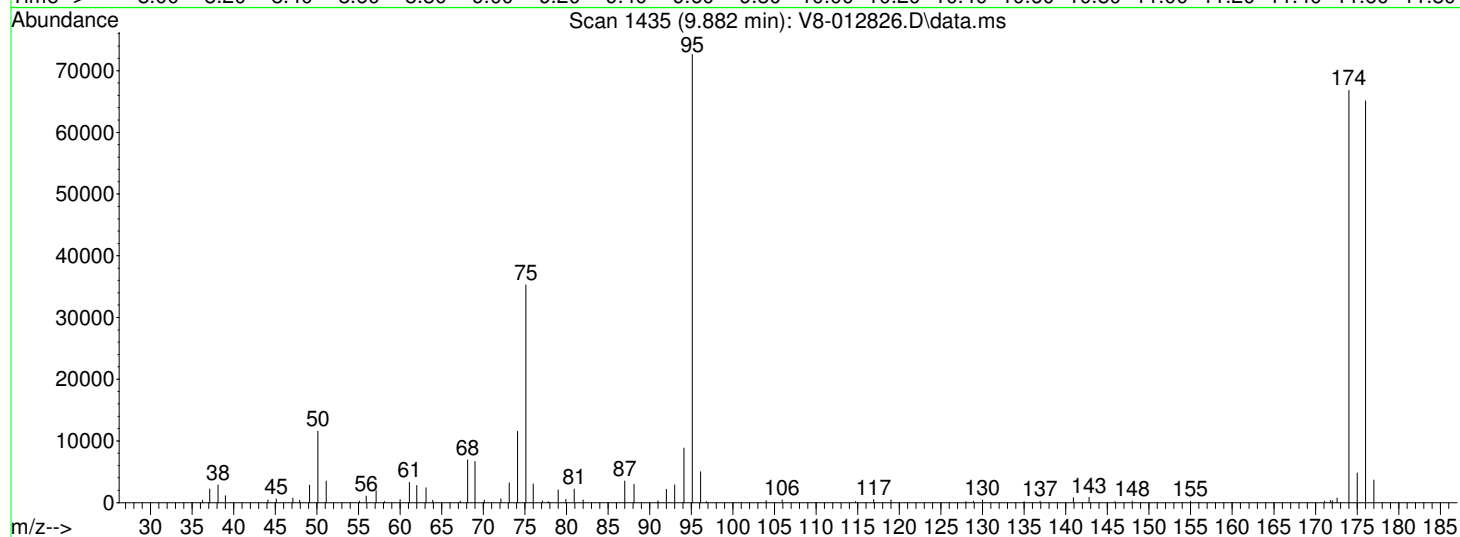
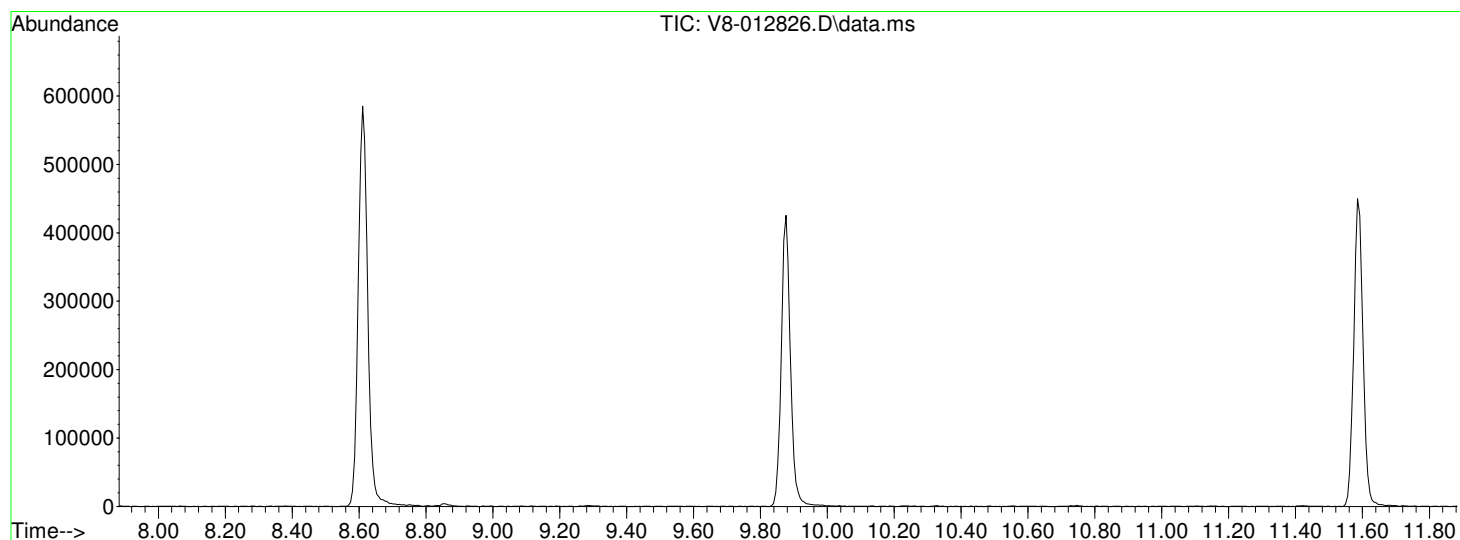
Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
50	95	15	40	17.3	13923	PASS
75	95	30	60	47.4	38133	PASS
95	95	100	100	100.0	80461	PASS
96	95	5	9	6.7	5413	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	80.8	65032	PASS
175	174	5	9	8.9	5804	PASS
176	174	95	101	96.6	62800	PASS
177	176	5	9	6.4	4015	PASS

Data Path : C:\msdchem\1\data\V8-05-08-26\
 Data File : V8-012826.D
 Acq On : 9 May 2026 12:47 am
 InstName : VOA No. 8
 Operator : THD
 Sample : SEQ-TUN1
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Inst : VOA No. 8

Integration File: rteint.p

Method : C:\msdchem\1\methods\V8-8260D-R050526.M
 Title : Volatile Organics EPA 8260D & 624.1
 Last Update : Fri May 08 12:52:12 2026



Spectrum Information: Scan 1435

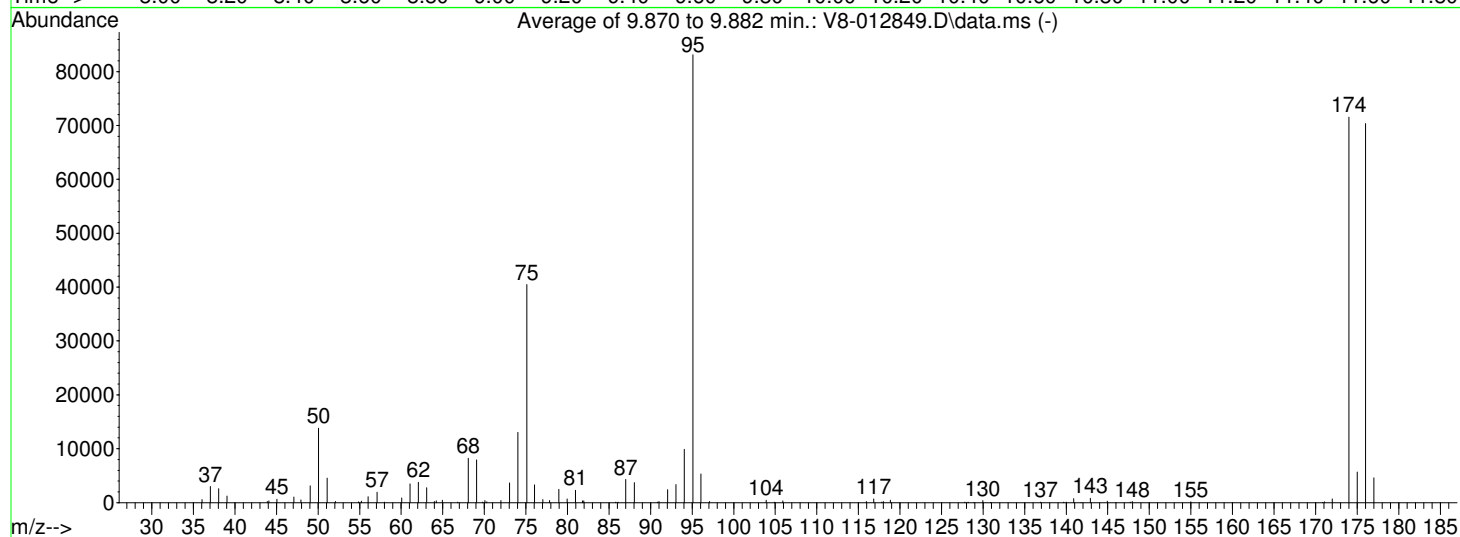
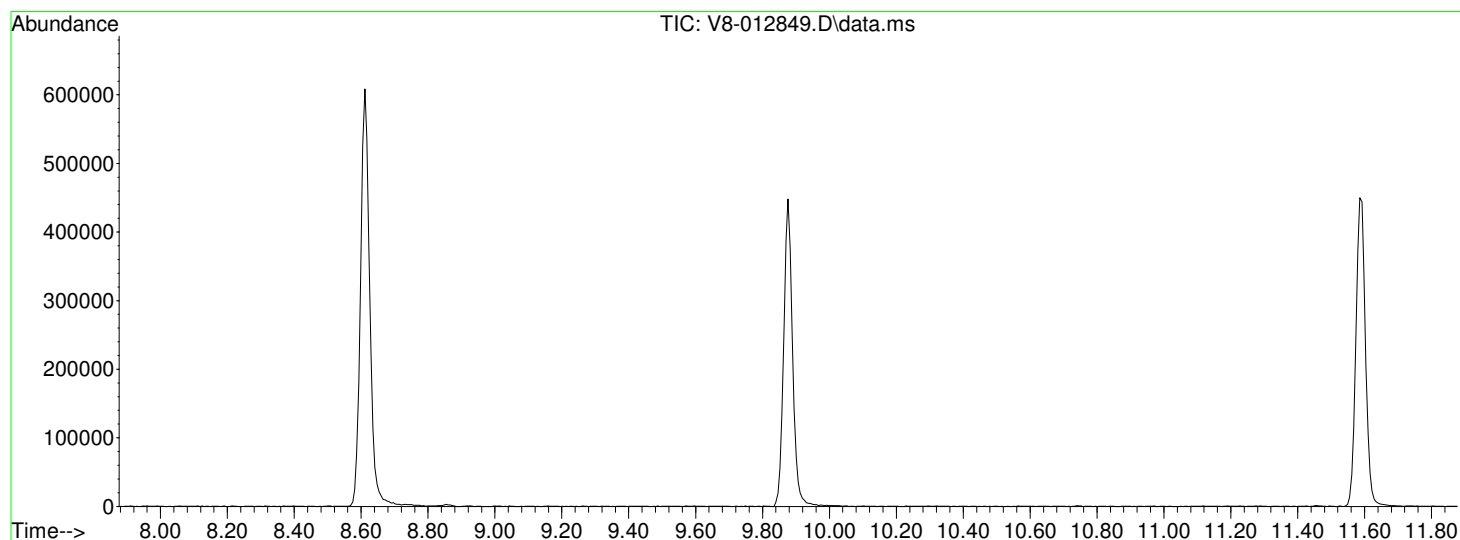
Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
50	95	15	40	16.0	11588	PASS
75	95	30	60	48.6	35272	PASS
95	95	100	100	100.0	72608	PASS
96	95	5	9	6.9	5012	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	92.0	66800	PASS
175	174	5	9	7.2	4788	PASS
176	174	95	101	97.5	65104	PASS
177	176	5	9	5.6	3664	PASS

Data Path : C:\msdchem\1\data\V8-05-09-26\
 Data File : V8-012849.D
 Acq On : 9 May 2026 1:13 pm
 InstName : VOA No. 8
 Operator : THD
 Sample : SEQ-TUN1
 Misc :
 ALS Vial : 88 Sample Multiplier: 1

Inst : VOA No. 8

Integration File: rteint.p

Method : C:\msdchem\1\methods\V8-8260D-R050526.M
 Title : Volatile Organics EPA 8260D & 624.1
 Last Update : Fri May 08 12:52:12 2026



AutoFind: Scans 1433, 1434, 1435; Background Corrected with Scan 1425

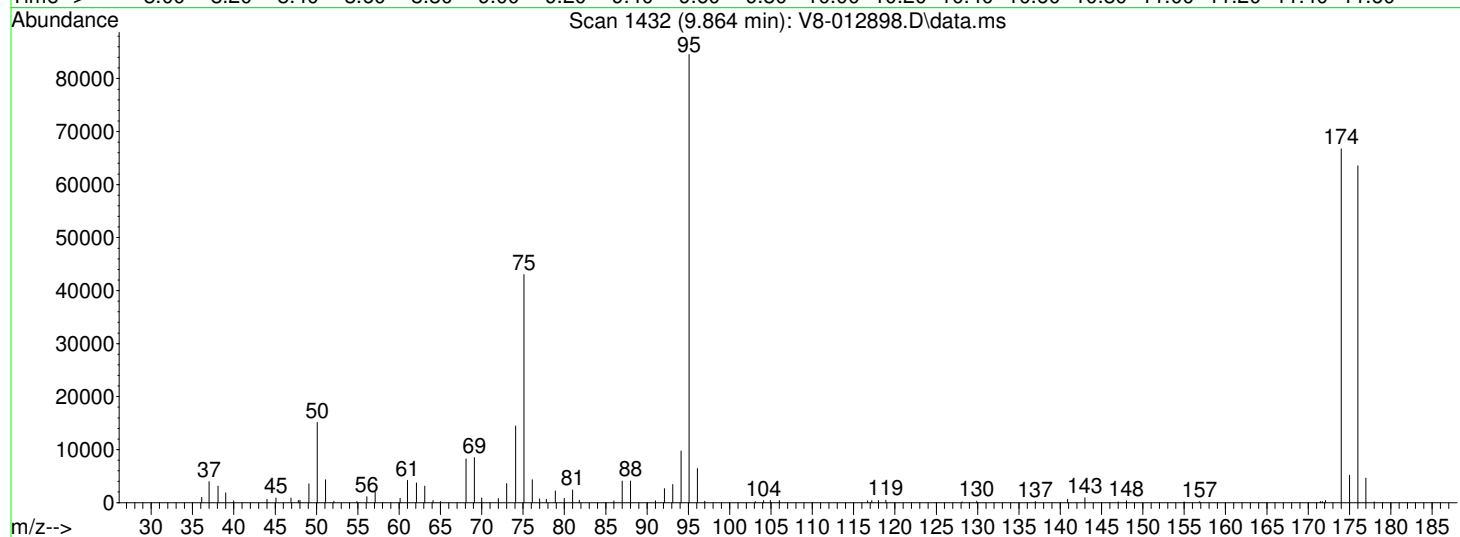
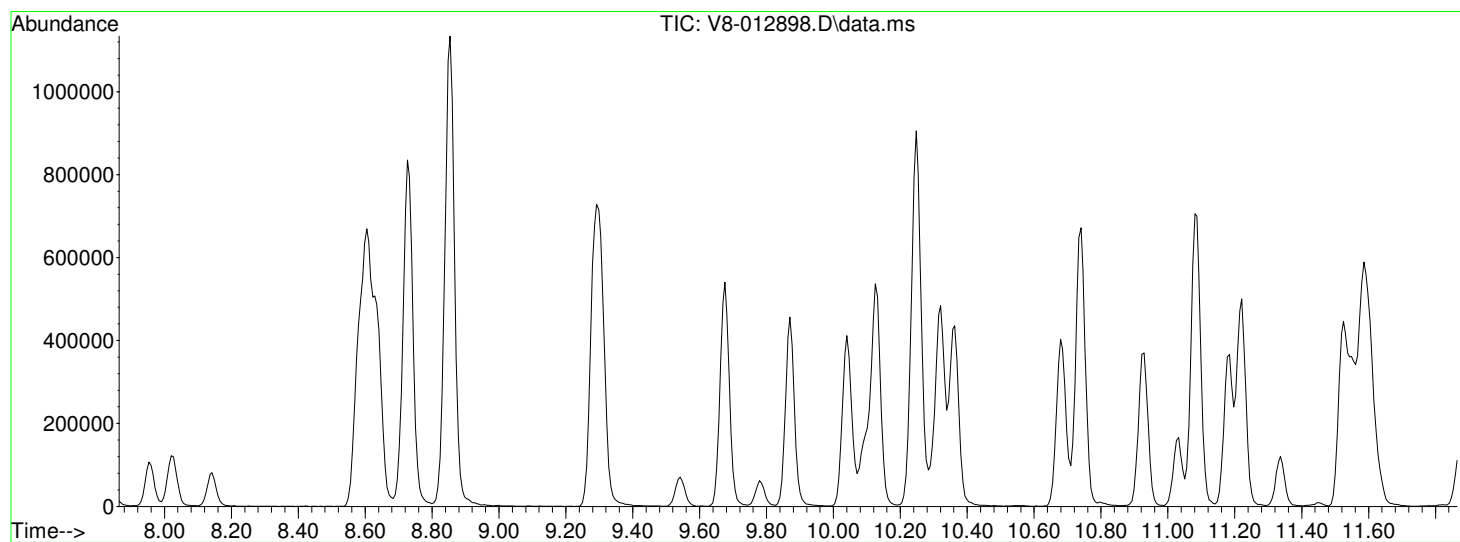
Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
50	95	15	40	16.6	13789	PASS
75	95	30	60	48.7	40501	PASS
95	95	100	100	100.0	83157	PASS
96	95	5	9	6.4	5313	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	86.0	71533	PASS
175	174	5	9	7.9	5672	PASS
176	174	95	101	98.4	70384	PASS
177	176	5	9	6.5	4593	PASS

Data Path : C:\msdchem\1\data\V8-05-11-26\
Data File : V8-012898.D
Acq On : 11 May 2026 7:57 am
InstName : VOA No. 8
Operator : THD
Sample : SEQ-TUN1
Misc :
ALS Vial : 37 Sample Multiplier: 1

Inst : VOA No. 8

Integration File: rteint.p

Method : C:\msdchem\1\methods\V8-8260D-R050526.M
Title : Volatile Organics EPA 8260D & 624.1
Last Update : Fri May 08 12:52:12 2026



Spectrum Information: Scan 1432

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
50	95	15	40	17.9	15117	PASS
75	95	30	60	50.9	43016	PASS
95	95	100	100	100.0	84528	PASS
96	95	5	9	7.6	6443	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	79.0	66776	PASS
175	174	5	9	7.8	5193	PASS
176	174	95	101	95.1	63520	PASS
177	176	5	9	7.2	4600	PASS

FORM V**ANALYSIS BATCH (SEQUENCE) SUMMARY**
EPA 8260DLaboratory: ALS Environmental - StratfordSDG: 26E0163Client: Hydro Tech EnvironmentalProject: 230051 - 170 Freeman Street, BrooklynSequence: S6E0801Instrument: VOA No. 8Calibration: SE60011

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
MS Tune	S6E0801-TUN1	V8-012697.D	05/05/26 21:33
Cal Standard	S6E0801-CAL1	V8-012698.D	05/05/26 22:05
Cal Standard	S6E0801-CAL2	V8-012699.D	05/05/26 22:38
Cal Standard	S6E0801-CAL3	V8-012700.D	05/05/26 23:10
Cal Standard	S6E0801-CAL4	V8-012701.D	05/05/26 23:42
Cal Standard	S6E0801-CAL5	V8-012702.D	05/06/26 00:14
Cal Standard	S6E0801-CAL6	V8-012703.D	05/06/26 00:47
Cal Standard	S6E0801-CAL7	V8-012704.D	05/06/26 01:19
Cal Standard	S6E0801-CAL8	V8-012705.D	05/06/26 01:51
Cal Standard	S6E0801-CAL9	V8-012706.D	05/06/26 02:23
Cal Standard	S6E0801-CALA	V8-012707.D	05/06/26 02:55
Secondary Cal Check	S6E0801-SCV1	V8-012709.D	05/06/26 04:00

FORM V

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 8260D

Laboratory:ALS Environmental - Stratford

SDG:26E0163

Client:Hydro Tech Environmental

Project:230051 - 170 Freeman Street, Brooklyn

Sequence:S6E0904

Instrument:VOA No. 8

Calibration:SE60011

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
MS Tune	S6E0904-TUN1	V8-012826.D	05/09/26 00:47
Calibration Check	S6E0904-CCV1	V8-012827.D	05/09/26 01:19
LCS	BE60494-BS1	V8-012828.D	05/09/26 01:51
LCS Dup	BE60494-BSD1	V8-012829.D	05/09/26 02:23
Blank	BE60494-BLK1	V8-012831.D	05/09/26 03:28
TB (20260505)	26E0163-08	V8-012832.D	05/09/26 04:00
MW-9 (20260505)	26E0163-01	V8-012836.D	05/09/26 06:09

FORM V**ANALYSIS BATCH (SEQUENCE) SUMMARY
EPA 8260D**Laboratory: ALS Environmental - StratfordSDG: 26E0163Client: Hydro Tech EnvironmentalProject: 230051 - 170 Freeman Street, BrooklynSequence: S6E1115Instrument: VOA No. 8Calibration: SE60011

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
MS Tune	S6E1115-TUN1	V8-012849.D	05/09/26 13:13
Calibration Check	S6E1115-CCV1	V8-012850.D	05/09/26 13:45
LCS	BE60547-BS1	V8-012851.D	05/09/26 14:30
Blank	BE60547-BLK1	V8-012854.D	05/09/26 16:05
FB (20260505)	26E0163-07	V8-012856.D	05/09/26 17:09
MW-10 (20260505)	26E0163-02	V8-012859.D	05/09/26 18:46
MW-11R (20260505)	26E0163-03	V8-012860.D	05/09/26 19:18
MW-13R (20260505)	26E0163-04	V8-012861.D	05/09/26 19:50
MW-14 (20260505)	26E0163-05	V8-012862.D	05/09/26 20:22
MW-15 (20260505)	26E0163-06	V8-012863.D	05/09/26 20:54
MW-14 (20260505)	BE60547-MS1	V8-012870.D	05/10/26 00:40
MW-14 (20260505)	BE60547-MSD1	V8-012871.D	05/10/26 01:12

FORM V

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 8260D

Laboratory:

ALS Environmental - Stratford

SDG:

26E0163

Client:

Hydro Tech Environmental

Project:

230051 - 170 Freeman Street, Brooklyn

Sequence:

S6E1235

Instrument:

VOA No. 8

Calibration:

SE60011

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
Calibration Check	S6E1235-CCV1	V8-012898a.D	05/11/26 07:57
MS Tune	S6E1235-TUN1	V8-012898.D	05/11/26 07:57
LCS	BE60583-BS1	V8-012899.D	05/11/26 09:17
LCS Dup	BE60583-BSD1	V8-012900.D	05/11/26 09:49
Blank	BE60583-BLK1	V8-012902.D	05/11/26 11:14
MW-9 (20260505)	26E0163-01RE1	V8-012905.D	05/11/26 12:50

FORM VIII

INTERNAL STANDARD AREA AND RT SUMMARY EPA 8260D

Laboratory: ALS Environmental - Stratford

SDG: 26E0163

Client: Hydro Tech Environmental

Project: 230051 - 170 Freeman Street, Brooklyn

Sequence: S6E0801

Instrument: VOA No. 8

Calibration: SE60011

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Cal Standard (S6E0801-CAL1)			Lab File ID: V8-012698.D			Analyzed: 05/05/26 22:05			
ISTD: Fluorobenzene	46644	5.593	47401	5.593	98	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	120418	8.611	131120	8.611	92	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	147203	11.592	171440	11.586	86	50 - 200	0.0060	+/-0.50	
Cal Standard (S6E0801-CAL2)			Lab File ID: V8-012699.D			Analyzed: 05/05/26 22:38			
ISTD: Fluorobenzene	47676	5.593	47401	5.593	101	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	122646	8.611	131120	8.611	94	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	154537	11.592	171440	11.586	90	50 - 200	0.0060	+/-0.50	
Cal Standard (S6E0801-CAL3)			Lab File ID: V8-012700.D			Analyzed: 05/05/26 23:10			
ISTD: Fluorobenzene	44948	5.593	47401	5.593	95	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	119164	8.611	131120	8.611	91	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	153432	11.586	171440	11.586	89	50 - 200	0.0000	+/-0.50	
Cal Standard (S6E0801-CAL4)			Lab File ID: V8-012701.D			Analyzed: 05/05/26 23:42			
ISTD: Fluorobenzene	46694	5.593	47401	5.593	99	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	122511	8.611	131120	8.611	93	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	157472	11.586	171440	11.586	92	50 - 200	0.0000	+/-0.50	
Cal Standard (S6E0801-CAL5)			Lab File ID: V8-012702.D			Analyzed: 05/06/26 00:14			
ISTD: Fluorobenzene	48424	5.593	47401	5.593	102	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	123777	8.611	131120	8.611	94	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	158996	11.586	171440	11.586	93	50 - 200	0.0000	+/-0.50	
Cal Standard (S6E0801-CAL6)			Lab File ID: V8-012703.D			Analyzed: 05/06/26 00:47			
ISTD: Fluorobenzene	50440	5.594	47401	5.593	106	50 - 200	0.0010	+/-0.50	
ISTD: Chlorobenzene-d5	133380	8.611	131120	8.611	102	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	166891	11.586	171440	11.586	97	50 - 200	0.0000	+/-0.50	
Cal Standard (S6E0801-CAL7)			Lab File ID: V8-012704.D			Analyzed: 05/06/26 01:19			
ISTD: Fluorobenzene	47401	5.593	47401	5.593	100	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	131120	8.611	131120	8.611	100	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	171440	11.586	171440	11.586	100	50 - 200	0.0000	+/-0.50	
Cal Standard (S6E0801-CAL8)			Lab File ID: V8-012705.D			Analyzed: 05/06/26 01:51			
ISTD: Fluorobenzene	50437	5.593	47401	5.593	106	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	140649	8.611	131120	8.611	107	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	180996	11.586	171440	11.586	106	50 - 200	0.0000	+/-0.50	

FORM VIII

INTERNAL STANDARD AREA AND RT SUMMARY EPA 8260D

Laboratory: ALS Environmental - Stratford

SDG: 26E0163

Client: Hydro Tech Environmental

Project: 230051 - 170 Freeman Street, Brooklyn

Sequence: S6E0801

Instrument: VOA No. 8

Calibration: SE60011

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Cal Standard (S6E0801-CAL9)			Lab File ID: V8-012706.D			Analyzed: 05/06/26 02:23			
ISTD: Fluorobenzene	50394	5.593	47401	5.593	106	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	146090	8.611	131120	8.611	111	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	198902	11.586	171440	11.586	116	50 - 200	0.0000	+/-0.50	
Cal Standard (S6E0801-CALA)			Lab File ID: V8-012707.D			Analyzed: 05/06/26 02:55			
ISTD: Fluorobenzene	59194	5.593	47401	5.593	125	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	159412	8.611	131120	8.611	122	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	212393	11.586	171440	11.586	124	50 - 200	0.0000	+/-0.50	
Secondary Cal Check (S6E0801-SCV1)			Lab File ID: V8-012709.D			Analyzed: 05/06/26 04:00			
ISTD: Fluorobenzene	54976	5.593	47401	5.593	116	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	153768	8.611	131120	8.611	117	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	194786	11.586	171440	11.586	114	50 - 200	0.0000	+/-0.50	

FORM VIII

INTERNAL STANDARD AREA AND RT SUMMARY
EPA 8260D

Laboratory: ALS Environmental - Stratford

SDG: 26E0163

Client: Hydro Tech Environmental

Project: 230051 - 170 Freeman Street, Brooklyn

Sequence: S6E0904

Instrument: VOA No. 8

Calibration: SE60011

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (S6E0904-CCV1)			Lab File ID: V8-012827.D			Analyzed: 05/09/26 01:19			
ISTD: Fluorobenzene	51216	5.593	47401	5.593	108	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	136579	8.611	131120	8.611	104	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	166255	11.586	171440	11.586	97	50 - 200	0.0000	+/-0.50	
LCS (BE60494-BS1)			Lab File ID: V8-012828.D			Analyzed: 05/09/26 01:51			
ISTD: Fluorobenzene	51385	5.593	51216	5.593	100	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	134710	8.611	136579	8.611	99	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	167520	11.586	166255	11.586	101	50 - 200	0.0000	+/-0.50	
LCS Dup (BE60494-BSD1)			Lab File ID: V8-012829.D			Analyzed: 05/09/26 02:23			
ISTD: Fluorobenzene	52449	5.593	51216	5.593	102	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	135996	8.611	136579	8.611	100	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	167687	11.586	166255	11.586	101	50 - 200	0.0000	+/-0.50	
Blank (BE60494-BLK1)			Lab File ID: V8-012831.D			Analyzed: 05/09/26 03:28			
ISTD: Fluorobenzene	49374	5.593	51216	5.593	96	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	128874	8.611	136579	8.611	94	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	145122	11.586	166255	11.586	87	50 - 200	0.0000	+/-0.50	
TB (20260505) (26E0163-08)			Lab File ID: V8-012832.D			Analyzed: 05/09/26 04:00			
ISTD: Fluorobenzene	50021	5.593	51216	5.593	98	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	125236	8.611	136579	8.611	92	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	145631	11.586	166255	11.586	88	50 - 200	0.0000	+/-0.50	
MW-9 (20260505) (26E0163-01)			Lab File ID: V8-012836.D			Analyzed: 05/09/26 06:09			
ISTD: Fluorobenzene	55295	5.593	51216	5.593	108	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	153448	8.611	136579	8.611	112	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	184730	11.586	166255	11.586	111	50 - 200	0.0000	+/-0.50	

FORM VIII

INTERNAL STANDARD AREA AND RT SUMMARY EPA 8260D

Laboratory: ALS Environmental - Stratford

SDG: 26E0163

Client: Hydro Tech Environmental

Project: 230051 - 170 Freeman Street, Brooklyn

Sequence: S6E1115

Instrument: VOA No. 8

Calibration: SE60011

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (S6E1115-CCV1)			Lab File ID: V8-012850.D			Analyzed: 05/09/26 13:45			
ISTD: Fluorobenzene	49644	5.593	47401	5.593	105	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	124179	8.611	131120	8.611	95	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	159285	11.586	171440	11.586	93	50 - 200	0.0000	+/-0.50	
LCS (BE60547-BS1)			Lab File ID: V8-012851.D			Analyzed: 05/09/26 14:30			
ISTD: Fluorobenzene	51687	5.593	49644	5.593	104	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	139053	8.611	124179	8.611	112	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	167344	11.592	159285	11.586	105	50 - 200	0.0060	+/-0.50	
Blank (BE60547-BLK1)			Lab File ID: V8-012854.D			Analyzed: 05/09/26 16:05			
ISTD: Fluorobenzene	49322	5.593	49644	5.593	99	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	121942	8.611	124179	8.611	98	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	149715	11.592	159285	11.586	94	50 - 200	0.0060	+/-0.50	
FB (20260505) (26E0163-07)			Lab File ID: V8-012856.D			Analyzed: 05/09/26 17:09			
ISTD: Fluorobenzene	50071	5.599	49644	5.593	101	50 - 200	0.0060	+/-0.50	
ISTD: Chlorobenzene-d5	129346	8.611	124179	8.611	104	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	149633	11.592	159285	11.586	94	50 - 200	0.0060	+/-0.50	
MW-10 (20260505) (26E0163-02)			Lab File ID: V8-012859.D			Analyzed: 05/09/26 18:46			
ISTD: Fluorobenzene	50181	5.593	49644	5.593	101	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	128187	8.611	124179	8.611	103	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	149554	11.586	159285	11.586	94	50 - 200	0.0000	+/-0.50	
MW-11R (20260505) (26E0163-03)			Lab File ID: V8-012860.D			Analyzed: 05/09/26 19:18			
ISTD: Fluorobenzene	46322	5.593	49644	5.593	93	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	127109	8.611	124179	8.611	102	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	148007	11.592	159285	11.586	93	50 - 200	0.0060	+/-0.50	
MW-13R (20260505) (26E0163-04)			Lab File ID: V8-012861.D			Analyzed: 05/09/26 19:50			
ISTD: Fluorobenzene	48989	5.593	49644	5.593	99	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	124871	8.611	124179	8.611	101	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	145337	11.592	159285	11.586	91	50 - 200	0.0060	+/-0.50	
MW-14 (20260505) (26E0163-05)			Lab File ID: V8-012862.D			Analyzed: 05/09/26 20:22			
ISTD: Fluorobenzene	49589	5.593	49644	5.593	100	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	126640	8.611	124179	8.611	102	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	147059	11.586	159285	11.586	92	50 - 200	0.0000	+/-0.50	

FORM VIII

INTERNAL STANDARD AREA AND RT SUMMARY
EPA 8260D

Laboratory: ALS Environmental - Stratford

SDG: 26E0163

Client: Hydro Tech Environmental

Project: 230051 - 170 Freeman Street, Brooklyn

Sequence: S6E1115

Instrument: VOA No. 8

Calibration: SE60011

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
MW-15 (20260505) (26E0163-06)			Lab File ID: V8-012863.D			Analyzed: 05/09/26 20:54			
ISTD: Fluorobenzene	49891	5.593	49644	5.593	100	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	125140	8.611	124179	8.611	101	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	143903	11.592	159285	11.586	90	50 - 200	0.0060	+/-0.50	
Matrix Spike (BE60547-MS1)			Lab File ID: V8-012870.D			Analyzed: 05/10/26 00:40			
ISTD: Fluorobenzene	47914	5.593	49644	5.593	97	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	116470	8.611	124179	8.611	94	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	146132	11.592	159285	11.586	92	50 - 200	0.0060	+/-0.50	
Matrix Spike Dup (BE60547-MSD1)			Lab File ID: V8-012871.D			Analyzed: 05/10/26 01:12			
ISTD: Fluorobenzene	48560	5.593	49644	5.593	98	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	118248	8.611	124179	8.611	95	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	148022	11.586	159285	11.586	93	50 - 200	0.0000	+/-0.50	

FORM VIII

INTERNAL STANDARD AREA AND RT SUMMARY
EPA 8260D

Laboratory: ALS Environmental - Stratford

SDG: 26E0163

Client: Hydro Tech Environmental

Project: 230051 - 170 Freeman Street, Brooklyn

Sequence: S6E1235

Instrument: VOA No. 8

Calibration: SE60011

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (S6E1235-CCV1)			Lab File ID: V8-012898a.D			Analyzed: 05/11/26 07:57			
ISTD: Fluorobenzene	49947	5.587	47401	5.593	105	50 - 200	-0.0060	+/-0.50	
ISTD: Chlorobenzene-d5	129392	8.605	131120	8.611	99	50 - 200	-0.0060	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	157231	11.586	171440	11.586	92	50 - 200	0.0000	+/-0.50	
LCS (BE60583-BS1)			Lab File ID: V8-012899.D			Analyzed: 05/11/26 09:17			
ISTD: Fluorobenzene	51155	5.587	49947	5.587	102	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	124896	8.611	129392	8.605	97	50 - 200	0.0060	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	156296	11.579	157231	11.586	99	50 - 200	-0.0070	+/-0.50	
LCS Dup (BE60583-BSD1)			Lab File ID: V8-012900.D			Analyzed: 05/11/26 09:49			
ISTD: Fluorobenzene	50769	5.587	49947	5.587	102	50 - 200	0.0000	+/-0.50	
ISTD: Chlorobenzene-d5	123429	8.605	129392	8.605	95	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	154309	11.586	157231	11.586	98	50 - 200	0.0000	+/-0.50	
Blank (BE60583-BLK1)			Lab File ID: V8-012902.D			Analyzed: 05/11/26 11:14			
ISTD: Fluorobenzene	49337	5.593	49947	5.587	99	50 - 200	0.0060	+/-0.50	
ISTD: Chlorobenzene-d5	119782	8.605	129392	8.605	93	50 - 200	0.0000	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	136689	11.586	157231	11.586	87	50 - 200	0.0000	+/-0.50	
MW-9 (20260505) (26E0163-01RE1)			Lab File ID: V8-012905.D			Analyzed: 05/11/26 12:50			
ISTD: Fluorobenzene	46476	5.593	49947	5.587	93	50 - 200	0.0060	+/-0.50	
ISTD: Chlorobenzene-d5	117480	8.611	129392	8.605	91	50 - 200	0.0060	+/-0.50	
ISTD: 1,2-Dichlorobenzene-d4	135374	11.586	157231	11.586	86	50 - 200	0.0000	+/-0.50	

FORM VI

INITIAL CALIBRATION DATA

EPA 8260D

Laboratory: ALS Environmental - Stratford

SDG: 26E0163

Client: Hydro Tech Environmental

Project: 230051 - 170 Freeman Street, Brooklyn

Calibration: SE60011

Instrument: VOA No. 8

Calibration Date: 05/05/26 11:01

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	0.25	0.5051938	0.5	0.4937733	1	0.5150558	2	0.6198243	4	0.6262183
1,1,1-Trichloroethane	0.1	2.332561	0.25	2.829096	0.5	2.728931	1	2.901015	2	3.085041	4	3.33178
1,1,2,2-Tetrachloroethane	0.1	0.4830065	0.25	0.3592667	0.5	0.4923354	1	0.3871164	2	0.4137211	4	0.4699774
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.1	0.6088672	0.25	1.582348	0.5	1.239655	1	1.697649	2	1.90515	4	2.006493
1,1,2-Trichloroethane	0.1	0	0.25	0.4800809	0.5	0.464402	1	0.4616728	2	0.4794509	4	0.5010309
1,1-Dichloroethane	0.1	2.892119	0.25	3.320748	0.5	3.407048	1	3.25802	2	3.561457	4	3.686657
1,1-Dichloroethylene	0.1	2.053855	0.25	2.211595	0.5	2.357391	1	2.547865	2	2.824942	4	2.969766
1,1-Dichloropropylene	0.1	2.386159	0.25	2.490981	0.5	2.711133	1	2.660299	2	2.983335	4	3.091495
1,2,3-Trichlorobenzene	0.1	9.171009E-02	0.25	9.551111E-02	0.5	0.1938318	1	0.1948283	2	0.2075524	4	0.2387936
1,2,3-Trichloropropane	0.1	5.298805E-02	0.25	0	0.5	0.1007612	1	0.1012243	2	0.1072669	4	0.1205727
1,2,3-Trimethylbenzene	0.1	1.125656	0.25	1.251998	0.5	1.352	1	1.409012	2	1.718754	4	1.970073
1,2,4,5-Tetramethylbenzene	0.1	0.66303	0.25	0.6600361	0.5	0.6714375	1	0.6743421	2	0.9264384	4	1.16636
1,2,4-Trichlorobenzene	0.1	0.1657575	0.25	0.2479665	0.5	0.2593983	1	0.2572521	2	0.2652268	4	0.3100976
1,2,4-Trimethylbenzene	0.1	1.014925	0.25	1.169946	0.5	1.377288	1	1.433334	2	1.746836	4	2.036763
1,2-Dibromo-3-chloropropane	0.1	0	0.25	0	0.5	1.942228E-02	1	4.794503E-02	2	5.682533E-02	4	5.747764E-02
1,2-Dibromoethane	0.1	0	0.25	0.3877827	0.5	0.3944144	1	0.3714769	2	0.4150206	4	0.456534
1,2-Dichlorobenzene	0.1	0	0.25	0.8712477	0.5	0.8639658	1	0.833418	2	0.9020982	4	0.9746032
1,2-Dichloroethane	0.1	2.02384	0.25	2.341639	0.5	2.248376	1	1.822718	2	1.944077	4	2.098632
1,2-Dichloropropane	0.1	0.5746649	0.25	0.7259919	0.5	0.6953442	1	0.6869587	2	0.7384651	4	0.7681062
1,3,5-Trimethylbenzene	0.1	1.290055	0.25	1.303507	0.5	1.548829	1	1.525351	2	1.82926	4	2.053047
1,3-Dichlorobenzene	0.1	0.6990347	0.25	0.800585	0.5	0.8624016	1	0.9006681	2	0.9328536	4	1.066205
1,3-Dichloropropane	0.1	0.7739707	0.25	0.7918726	0.5	0.8338089	1	0.7718491	2	0.8171551	4	0.9025154
1,4-Dichlorobenzene	0.1	0.6575953	0.25	0.7941141	0.5	0.8848219	1	0.8643441	2	0.9659048	4	1.05849
1,4-Dioxane	2.5	0	6.25	3.691926E-03	12.5	4.310027E-03	25	3.976786E-03	50	3.545085E-03	100	3.870895E-03
2,2-Dichloropropane	0.1	2.274676	0.25	2.39114	0.5	2.227018	1	2.391742	2	2.470779	4	2.627676
2-Butanone	0.1	0	0.25	7.970467E-02	0.5	0	1	0.1083651	2	0.1324756	4	0.138977
2-Chloroethylvinyl ether	0.1	0	0.25	0	0.5	0	1	0	2	0	4	0
2-Chlorotoluene	0.1	1.524426	0.25	1.573215	0.5	1.716721	1	1.665566	2	1.830989	4	2.007703
2-Hexanone	0.1	0	0.25	0	0.5	0.213823	1	0.1580266	2	0.2022589	4	0.2306755
2-Nitropropane	0.5	7.855968E-02	1.25	0.0636629	2.5	8.559632E-02	5	7.853989E-02	10	7.936046E-02	20	9.089819E-02

FORM VI

INITIAL CALIBRATION DATA

EPA 8260D

Laboratory: ALS Environmental - StratfordSDG: 26E0163Client: Hydro Tech EnvironmentalProject: 230051 - 170 Freeman Street, BrooklynCalibration: SE60011Instrument: VOA No. 8Calibration Date: 05/05/26 11:01

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
4-Chlorotoluene	0.1	1.404863	0.25	1.43422	0.5	1.60866	1	1.640228	2	1.983698	4	2.06572
4-Methyl-2-pentanone	0.1	0.154462	0.25	0.3183145	0.5	0.2906918	1	0.2576095	2	0.2798177	4	0.2962401
Acetone	0.1	0.4780894	0.25	0	0.5	0.1948919	1	0.1858911	2	0.1334049	4	0.1357554
Acrolein	0.4	0	1	0.2017787	2	0.199119	4	0.1389365	8	0.1608448	16	0.1740806
Acrylonitrile	0.5	0	1.25	0.280057	2.5	0.3154757	5	0.279265	10	0.3017099	20	0.3320282
Allyl chloride	0.1	2.306835	0.25	2.659619	0.5	2.789891	1	2.603761	2	2.859016	4	2.881146
Benzene	0.1	8.412658	0.25	7.899992	0.5	8.620628	1	8.033366	2	8.655522	4	9.080294
Bromobenzene	0.1	0.7540607	0.25	0.9413927	0.5	0.8451953	1	0.8108108	2	0.8801165	4	0.9170956
Bromochloromethane	0.1	0.7160621	0.25	1.032805	0.5	1.411409	1	1.11706	2	1.185569	4	1.27161
Bromodichloromethane	0.1	0.5505822	0.25	0.8208992	0.5	0.8140042	1	0.7760119	2	0.8880486	4	0.905102
Bromoform	0.1	0	0.25	0.1783996	0.5	0.1950253	1	0.1791676	2	0.2146198	4	0.25716
Bromomethane	0.1	1.134132	0.25	1.031966	0.5	1.164902	1	1.178952	2	1.324137	4	1.233198
Carbon disulfide	0.1	5.87857	0.25	5.090192	0.5	4.699653	1	4.981582	2	5.422931	4	5.610924
Carbon tetrachloride	0.1	1.359232	0.25	1.631848	0.5	1.730889	1	1.964278	2	2.295143	4	2.586092
Chlorobenzene	0.1	0	0.25	2.021101	0.5	2.033668	1	1.878444	2	2.062742	4	2.148167
Chlorodifluoromethane (Freon 22)	0.1	0	0.25	0	0.5	0	1	0.3058209	2	0.2917975	4	0.3246927
Chloroethane	0.1	1.610068	0.25	1.067204	0.5	1.629883	1	1.396325	2	1.534776	4	1.404441
Chloroform	0.1	3.923334	0.25	3.708365	0.5	3.615734	1	3.517154	2	3.713551	4	3.846699
Chloromethane	0.1	0.548838	0.25	0	0.5	1.244549	1	1.971988	2	1.933958	4	1.898543
cis-1,2-Dichloroethylene	0.1	2.675585	0.25	3.098414	0.5	2.917149	1	2.574849	2	2.814926	4	3.03752
cis-1,3-Dichloropropylene	0.1	0.5970868	0.25	0.6643511	0.5	0.7935282	1	0.7072018	2	0.8746778	4	0.9331984
cis-decahydronaphthalene	0.1	0	0.25	0	0.5	3.024141E-02	1	7.626753E-02	2	8.953055E-02	4	0.1159889
Cyclohexane	0.1	2.124604	0.25	2.298012	0.5	2.210109	1	2.813424	2	3.129233	4	3.439482
Dibromochloromethane	0.1	0	0.25	0.4053944	0.5	0.462388	1	0.4322061	2	0.4954878	4	0.5298583
Dibromomethane	0.1	0.0838745	0.25	0.2778729	0.5	0.3069719	1	0.2904229	2	0.3270802	4	0.355788
Dichlorodifluoromethane	0.1	0	0.25	8.641665E-02	0.5	0.279879	1	0.9555832	2	1.275297	4	1.016207
Diisopropyl ether (DIPE)	0.1	5.149644	0.25	4.594345	0.5	5.017354	1	4.626076	2	5.022097	4	5.186806
Ethanol	4	0	10	1.877255E-02	20	0.0298011	40	1.910845E-02	80	2.337684E-02	160	1.900649E-02
Ethyl Benzene	0.1	3.085087	0.25	3.049427	0.5	3.323319	1	3.066827	2	3.523272	4	3.820232
Ethyl Ether	0.1	0.9668982	0.25	1.28786	0.5	1.281926	1	1.278108	2	1.176689	4	1.304471
Ethyl Methacrylate	0.1	0.4642162	0.25	0.4132218	0.5	0.4771575	1	0.475141	2	0.5703806	4	0.6455241

FORM VI

INITIAL CALIBRATION DATA

EPA 8260D

Laboratory: ALS Environmental - StratfordSDG: 26E0163Client: Hydro Tech EnvironmentalProject: 230051 - 170 Freeman Street, BrooklynCalibration: SE60011Instrument: VOA No. 8Calibration Date: 05/05/26 11:01

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
Ethyl tert-butyl ether (ETBE)	0.1	2.040991	0.25	2.046313	0.5	2.307555	1	2.487043	2	2.629068	4	3.378271
Freon 115	0.1	0	0.25	0	0.5	0	1	0	2	0	4	0
Freon 123	0.1	3.052912	0.25	2.502727	0.5	2.667082	1	2.713197	2	2.984884	4	3.091396
Freon 152a	0.1	0.1800875	0.25	0.2173001	0.5	0.1953368	1	0.6705358	2	0.7560301	4	0.7514869
Freon 22	0.1	0	0.25	0	0.5	0	1	0.3058209	2	0.2917975	4	0.3246927
Hexachlorobutadiene	0.1	0	0.25	2.976633E-02	0.5	5.592054E-02	1	8.763463E-02	2	9.783265E-02	4	9.742886E-02
Hexachloroethane	0.1	0	0.25	0.1216537	0.5	0.1462537	1	0.1725386	2	0.2155086	4	0.2436171
Iodomethane	0.1	0.1436412	0.25	0	0.5	0.4569725	1	0.4437401	2	0.7260862	4	0.7985726
Isopropylbenzene	0.1	1.785969	0.25	1.599617	0.5	1.744226	1	1.818228	2	2.211062	4	2.608649
Limonene	0.1	0	0.25	0	0.5	0.1697169	1	0.1954633	2	0.2388425	4	0.3168985
Methyl acetate	0.1	0	0.25	0.8029197	0.5	0.8681143	1	0.5853	2	0.66878	4	0.7032117
Methyl Methacrylate	0.1	6.477437E-02	0.25	0.1800303	0.5	0.25981	1	0.2596501	2	0.2689918	4	0.3018631
Methyl tert-butyl ether (MTBE)	0.1	2.851385	0.25	3.199933	0.5	3.478241	1	3.395297	2	3.344829	4	3.771759
Methylcyclohexane	0.1	0.6062217	0.25	0.8068751	0.5	0.6911483	1	0.8104578	2	1.121695	4	1.15572
Methylene chloride	0.1	3.762542	0.25	2.763655	0.5	2.451277	1	2.112263	2	2.20655	4	2.225515
Naphthalene	0.1	0.732322	0.25	0.5200049	0.5	0.5280515	1	0.4449045	2	0.5265227	4	0.697641
n-butyl acetate	0.1	0	0.25	0.4800809	0.5	0.4642342	1	0.4155545	2	0.4744823	4	0.5730619
n-Butylbenzene	0.1	1.110032	0.25	1.204631	0.5	1.173549	1	1.177416	2	1.508403	4	1.703282
n-Decane	0.1	0	0.25	0	0.5	8.798686E-02	1	0.1127184	2	0.1554127	4	0.1593705
n-Hexane	0.1	1.918789	0.25	1.564729	0.5	1.274361	1	2.023815	2	2.401702	4	2.528945
Nitrobenzene	1	0	2.5	1.045704E-02	5	9.541686E-03	10	1.209104E-02	20	1.205691E-02	40	0.0139672
n-Nonane	0.1	0	0.25	0	0.5	9.499513E-02	1	0.1233359	2	0.1776582	4	0.2102264
n-octane	0.1	0	0.25	7.403421E-02	0.5	0.1602833	1	0.1402323	2	0.1922813	4	0.2224471
n-Propylbenzene	0.1	2.11137	0.25	2.176566	0.5	2.26954	1	2.336669	2	2.67296	4	3.076169
n-undecane	0.1	0	0.25	0	0.5	0	1	0.0379115	2	4.151048E-02	4	6.370925E-02
o-Xylene	0.1	1.503098	0.25	1.942175	0.5	2.032661	1	2.118504	2	2.436519	4	2.742765
p- & m- Xylenes	0.2	1.959425	0.5	2.413939	1	2.367326	2	2.343381	4	2.63393	8	2.852358
p-Diethylbenzene	0.1	0.2554296	0.25	0	0.5	0.484775	1	0.5478434	2	0.7231628	4	0.8511094
p-Ethyltoluene	0.1	1.512877	0.25	1.669503	0.5	1.642552	1	1.80413	2	2.127664	4	2.473291
p-Isopropyltoluene	0.1	0.9551436	0.25	1.013091	0.5	1.178242	1	1.219137	2	1.546077	4	1.873753
sec-Butylbenzene	0.1	1.290055	0.25	1.316448	0.5	1.47857	1	1.571517	2	1.78363	4	2.161111
Styrene	0.1	1.028085	0.25	1.378276	0.5	1.522104	1	1.616263	2	1.948949	4	2.197781

FORM VI

INITIAL CALIBRATION DATA

EPA 8260D

Laboratory: ALS Environmental - StratfordSDG: 26E0163Client: Hydro Tech EnvironmentalProject: 230051 - 170 Freeman Street, BrooklynCalibration: SE60011Instrument: VOA No. 8Calibration Date: 05/05/26 11:01

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
SURR: 1,2-Dichloroethane-d4	10	2.280229	10	2.231961	10	2.378237	10	2.301109	10	2.258384	10	2.220956
SURR: p-Bromofluorobenzene	10	1.100759	10	1.076596	10	1.063631	10	1.064075	10	1.072002	10	1.095727
SURR: Toluene-d8	10	4.060032	10	4.107651	10	4.139849	10	4.068908	10	4.195473	10	3.989136
tert-Amyl alcohol (TAA)	0.5	2.872824E-02	1.25	5.101099E-02	2.5	0.1032304	5	0.1115347	10	0.1064761	20	0.1127478
tert-Amyl methyl ether (TAME)	0.1	1.6894	0.25	1.699807	0.5	1.72288	1	1.841778	2	1.763485	4	2.207623
tert-Butyl alcohol (TBA)	0.5	0	1.25	0.4476634	2.5	0.1623209	5	0.1516255	10	0.1556047	20	0.159199
tert-Butylbenzene	0.1	0.9897896	0.25	1.023185	0.5	1.004745	1	1.123311	2	1.329971	4	1.52646
Tetrachloroethylene	0.1	0.9500241	0.25	0.9732074	0.5	1.070458	1	1.075659	2	1.23367	4	1.324055
Tetrahydrofuran	0.5	0	1.25	9.296082E-02	2.5	0.1326867	5	0.1281107	10	0.1160788	20	0.1332276
Toluene	0.1	3.6522278	0.25	3.499177	0.5	3.416804	1	3.055236	2	3.582653	4	3.655889
trans-1,2-Dichloroethylene	0.1	2.098877	0.25	2.302207	0.5	2.681321	1	2.580417	2	2.786222	4	2.829451
trans-1,3-Dichloropropylene	0.1	0.4675381	0.25	0.6053194	0.5	0.6230069	1	0.5716221	2	0.676822	4	0.7119133
trans-1,4-dichloro-2-butene	0.1	0	0.25	0	0.5	0	1	4.388082E-02	2	4.022114E-02	4	6.799348E-02
trans-decahydronaphthalene	0.1	0	0.25	0	0.5	3.988738E-02	1	0.1150046	2	0.1440917	4	0.1687778
Trichloroethylene	0.1	0.8802671	0.25	0.774587	0.5	0.7633178	1	0.7657272	2	0.8291524	4	0.8548321
Trichlorofluoromethane	0.1	1.665809	0.25	1.963252	0.5	1.824775	1	2.473979	2	2.968363	4	2.971154
Vinyl acetate	0.1	0	0.25	0	0.5	0	1	0.228509	2	0.1899884	4	0.2577815
Vinyl Chloride	0.1	0.9561787	0.25	0.8339626	0.5	0.9829136	1	1.900672	2	2.065195	4	2.012837
Xylenes, Total	0.3	1.807315	0.75	2.256685	1.5	2.255771	3	2.268422	6	2.568126	12	2.815827

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: ALS Environmental - StratfordSDG: 26E0163Client: Hydro Tech EnvironmentalProject: 230051 - 170 Freeman Street, BrooklynCalibration: SE60011Instrument: VOA No. 8Calibration Date: 05/05/26 11:01

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	0.6616763	20	0.67843	40	0.735153	80	0.7750906				
1,1,1-Trichloroethane	10	3.434674	20	3.434631	40	3.740272	80	3.556629				
1,1,2,2-Tetrachloroethane	10	0.4446162	20	0.4386064	40	0.4448673	80	0.4438376				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10	2.015443	20	1.99199	40	2.172069	80	1.980034				
1,1,2-Trichloroethane	10	0.4991611	20	0.5063633	40	0.5269046	80	0.5295312				
1,1-Dichloroethane	10	3.816881	20	3.791621	40	4.027811	80	3.71525				
1,1-Dichloroethylene	10	2.978439	20	2.912951	40	3.197667	80	2.946542				
1,1-Dichloropropylene	10	3.115441	20	3.091798	40	3.40044	80	3.171223				
1,2,3-Trichlorobenzene	10	0.2634216	20	0.2928794	40	0.3155561	80	0.3208545				
1,2,3-Trichloropropane	10	0.1114209	20	0.1233176	40	0.1237117	80	0.122813				
1,2,3-Trimethylbenzene	10	1.949026	20	2.031473	40	2.077646	80	2.117407				
1,2,4,5-Tetramethylbenzene	10	1.336678	20	1.3805	40	1.481421	80	1.512703				
1,2,4-Trichlorobenzene	10	0.3295905	20	0.3664142	40	0.4031608	80	0.4212645				
1,2,4-Trimethylbenzene	10	1.945771	20	2.049551	40	2.119292	80	2.171492				
1,2-Dibromo-3-chloropropane	10	5.840527E-02	20	6.182733E-02	40	6.288901E-02	80	0.066354				
1,2-Dibromoethane	10	0.4598307	20	0.4736365	40	0.5012629	80	0.4997452				
1,2-Dichlorobenzene	10	0.9696395	20	0.970143	40	1.013189	80	1.049996				
1,2-Dichloroethane	10	2.096137	20	2.083014	40	2.19416	80	2.038004				
1,2-Dichloropropane	10	0.7765329	20	0.7534323	40	0.7787374	80	0.7825501				
1,3,5-Trimethylbenzene	10	1.939145	20	2.039821	40	2.117565	80	2.138668				
1,3-Dichlorobenzene	10	1.06019	20	1.078822	40	1.155915	80	1.211899				
1,3-Dichloropropane	10	0.9044845	20	0.8980156	40	0.9384797	80	0.9166248				
1,4-Dichlorobenzene	10	1.044879	20	1.0824	40	1.134946	80	1.17776				
1,4-Dioxane	250	4.810555E-03	500	4.043968E-03	1000	4.512218E-03	2000	4.901419E-03				
2,2-Dichloropropane	10	2.611126	20	2.631729	40	2.836201	80	2.68546				
2-Butanone	10	0.1697222	20	0.1504748	40	0.1558866	80	0.1368952				
2-Chloroethylvinyl ether	10	0	20	0	40	0	80	0				
2-Chlorotoluene	10	1.974802	20	2.052733	40	2.127731	80	2.181835				
2-Hexanone	10	0.2426708	20	0.251733	40	0.2447875	80	0.2342358				
2-Nitropropane	50	9.494509E-02	100	9.677708E-02	200	0.1014039	400	0.1001292				

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: ALS Environmental - StratfordSDG: 26E0163Client: Hydro Tech EnvironmentalProject: 230051 - 170 Freeman Street, BrooklynCalibration: SE60011Instrument: VOA No. 8Calibration Date: 05/05/26 11:01

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
4-Chlorotoluene	10	1.986403	20	2.052987	40	2.08971	80	2.141462				
4-Methyl-2-pentanone	10	0.3447605	20	0.3604611	40	0.3527534	80	0.3413216				
Acetone	10	0.1376553	20	0.1213395	40	0.1116204	80	9.715089E-02				
Acrolein	40	0.167892	80	0.1540139	100	0.1530797	200	0.1442646				
Acrylonitrile	50	0.3365245	100	0.3402264	200	0.3544559	400	0.3180935				
Allyl chloride	10	3.0327	20	2.880703	40	3.087476	80	2.736067				
Benzene	10	9.264868	20	9.195025	40	9.757397	80	9.136293				
Bromobenzene	10	0.9163031	20	0.9378771	40	0.9634669	80	0.9789759				
Bromochloromethane	10	1.275838	20	1.262932	40	1.338225	80	1.188892				
Bromodichloromethane	10	0.9175869	20	0.9267147	40	0.9778253	80	0.9920614				
Bromoform	10	0.2758542	20	0.2909441	40	0.3286553	80	0.341563				
Bromomethane	10	1.204299	20	1.080695	40	1.187785	80	1.310038				
Carbon disulfide	10	5.664986	20	5.443881	40	6.230176	80	5.80978				
Carbon tetrachloride	10	2.688572	20	2.805074	40	3.147448	80	3.050299				
Chlorobenzene	10	2.135113	20	2.149429	40	2.257285	80	2.298851				
Chlorodifluoromethane (Freon 22)	10	0.3447185	20	0.3160775	40	0.3564313	80	0.3207884				
Chloroethane	10	1.415476	20	1.41993	40	1.204766	80	1.125332				
Chloroform	10	3.903863	20	3.893451	40	4.092164	80	3.857579				
Chloromethane	10	2.018987	20	1.789966	40	2.136951	80	1.836109				
cis-1,2-Dichloroethylene	10	3.111981	20	3.070315	40	3.295099	80	3.035039				
cis-1,3-Dichloropropylene	10	1.034335	20	1.081369	40	1.139998	80	1.166092				
cis-decahydronaphthalene	10	0.1104118	20	0.140586	40	~~0.1594516~~	80	~~0.1552005~~				
Cyclohexane	10	3.257906	20	3.265638	40	3.552243	80	3.129063				
Dibromochloromethane	10	0.5557581	20	0.5830507	40	0.6286844	80	0.640583				
Dibromomethane	10	0.3418395	20	0.3325121	40	0.3498956	80	0.352297				
Dichlorodifluoromethane	10	1.120799	20	0.895305	40	1.460918	80	~~1.268594~~				
Diisopropyl ether (DIPE)	10	5.448936	20	5.324583	40	5.584286	80	5.001797				
Ethanol	400	2.048269E-02	800	1.673697E-02	1600	0.017671	3200	1.699185E-02				
Ethyl Benzene	10	3.809091	20	3.923544	40	4.202016	80	4.221436				
Ethyl Ether	10	1.361933	20	1.341495	40	1.440643	80	1.312069				
Ethyl Methacrylate	10	0.6773871	20	0.7110964	40	0.7349596	80	0.7264917				

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: ALS Environmental - StratfordSDG: 26E0163Client: Hydro Tech EnvironmentalProject: 230051 - 170 Freeman Street, BrooklynCalibration: SE60011Instrument: VOA No. 8Calibration Date: 05/05/26 11:01

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
Ethyl tert-butyl ether (ETBE)	10	3.890192	20	4.159793	40	4.386886	80	3.954381				
Freon 115	10	0.0105694	20	0	40	~~1.485792E-02~~	80	2.448728E-02				
Freon 123	10	3.157001	20	3.157176	40	3.357572	80	3.117837				
Freon 152a	10	0.7886543	20	0.7338462	40	0.8140652	80	0.7525573				
Freon 22	10	0.3447185	20	0.3160775	40	0.3564313	80	0.3207884				
Hexachlorobutadiene	10	9.592277E-02	20	0.1035161	40	0.1155142	80	0.1139044				
Hexachloroethane	10	0.2390457	20	0.2687463	40	0.3001981	80	0.3177835				
Iodomethane	10	1.697601	20	1.898884	40	2.487211	80	2.611466				
Isopropylbenzene	10	2.509508	20	2.715002	40	2.800094	80	2.851123				
Limonene	10	0.3020474	20	0.3796023	40	0.4153704	80	0.4106073				
Methyl acetate	10	0.7482331	20	0.6820092	40	0.6812021	80	0.6146759				
Methyl Methacrylate	10	0.3178768	20	0.3270055	40	0.3390804	80	0.3385065				
Methyl tert-butyl ether (MTBE)	10	3.95536	20	4.139104	40	4.318773	80	3.966639				
Methylcyclohexane	10	1.15871	20	1.197861	40	1.310795	80	1.276118				
Methylene chloride	10	2.27761	20	2.183695	40	2.339991	80	2.103313				
Naphthalene	10	0.7890924	20	0.9134539	40	1.007935	80	1.018788				
n-butyl acetate	10	0.598223	20	0.6013907	40	0.6441235	80	0.6252768				
n-Butylbenzene	10	1.620205	20	1.748122	40	1.844261	80	1.826019				
n-Decane	10	0.1424988	20	0.223737	40	~~0.4702655~~	80	~~0.4325996~~				
n-Hexane	10	2.363051	20	2.289599	40	2.724674	80	2.37058				
Nitrobenzene	100	1.622375E-02	200	1.852389E-02	400	2.092651E-02	800	2.501942E-02				
n-Nonane	10	0.1963087	20	0.2386508	40	~~0.3358426~~	80	~~0.343318~~				
n-octane	10	0.2047895	20	0.2314805	40	~~0.2608101~~	80	~~0.2387924~~				
n-Propylbenzene	10	2.940195	20	3.138113	40	3.222436	80	3.238229				
n-undecane	10	6.534648E-02	20	0.1700922	40	~~0.3483059~~	80	~~0.2864448~~				
o-Xylene	10	2.804332	20	2.928506	40	3.134494	80	3.179033				
p- & m- Xylenes	20	2.821027	40	2.911722	80	3.116589	160	3.140562				
p-Diethylbenzene	10	0.8829445	20	0.9177137	40	0.9878809	80	1.010528				
p-Ethyltoluene	10	2.432565	20	2.523481	40	2.632609	80	2.745408				
p-Isopropyltoluene	10	1.758685	20	1.870923	40	1.996459	80	2.040204				
sec-Butylbenzene	10	2.022568	20	2.231558	40	2.36474	80	2.371557				
Styrene	10	2.268205	20	2.375548	40	2.564684	80	2.598378				

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: ALS Environmental - StratfordSDG: 26E0163Client: Hydro Tech EnvironmentalProject: 230051 - 170 Freeman Street, BrooklynCalibration: SE60011Instrument: VOA No. 8Calibration Date: 05/05/26 11:01

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
SURR: 1,2-Dichloroethane-d4	10	2.289973	10	2.296608	10	2.319502	10	2.061611				
SURR: p-Bromofluorobenzene	10	1.065632	10	1.077554	10	1.039688	10	1.014078				
SURR: Toluene-d8	10	4.025679	10	4.052457	10	4.015853	10	3.947727				
tert-Amyl alcohol (TAA)	50	0.1109723	100	0.1285088	200	0.1356054	400	0.1173197				
tert-Amyl methyl ether (TAME)	10	2.825088	20	3.333951	40	3.649616	80	3.3879				
tert-Butyl alcohol (TBA)	50	0.1596253	100	0.1548784	200	0.1759585	400	0.1701038				
tert-Butylbenzene	10	1.507449	20	1.661647	40	1.748474	80	1.769253				
Tetrachloroethylene	10	1.358488	20	1.407358	40	1.549216	80	1.638777				
Tetrahydrofuran	50	0.1329044	100	0.1366358	200	0.1420447	400	0.1314335				
Toluene	10	3.565558	20	3.621106	40	3.758127	80	3.821379				
trans-1,2-Dichloroethylene	10	2.880825	20	2.834824	40	3.068862	80	2.860894				
trans-1,3-Dichloropropylene	10	0.8030812	20	0.848936	40	0.9111147	80	0.919167				
trans-1,4-dichloro-2-butene	10	7.830728E-02	20	8.262061E-02	40	8.908156E-02	80	9.481068E-02				
trans-decahydronaphthalene	10	0.1583119	20	0.191786	40	~~0.2073999~~	80	~~0.2021544~~				
Trichloroethylene	10	0.8496949	20	0.8565578	40	0.8973663	80	0.9267268				
Trichlorofluoromethane	10	2.87515	20	2.986022	40	3.388032	80	3.034577				
Vinyl acetate	10	0.258792	20	0.2603446	40	0.2648926	80	0.2387467				
Vinyl Chloride	10	2.013523	20	1.947221	40	2.432031	80	2.199313				
Xylenes, Total	30	2.815462	60	2.917317	120	3.122557	240	3.153386				

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: ALS Environmental - StratfordSDG: 26E0163Client: Hydro Tech EnvironmentalProject: 230051 - 170 Freeman Street, BrooklynCalibration: SE60011Instrument: VOA No. 8Calibration Date: 05/05/26 11:01

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1,1,2-Tetrachloroethane	0.6381527	15.30939	8.727	4.475484E-02			20	
1,1,1-Trichloroethane	3.276622	10.47172	4.9865	5.192502E-02			SPCC (0.1)	
1,1,2,2-Tetrachloroethane	0.4418847	7.236726	10.04925	3.218892E-02			SPCC (0.3)	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.87606	15.42244	2.87325	0.1325329			SPCC (0.1)	
1,1,2-Trichloroethane	0.4960646	5.208372	7.6145	3.575043E-02			SPCC (0.1)	
1,1-Dichloroethane	3.658093	6.666026	3.99775	6.628018E-02			SPCC (0.2)	
1,1-Dichloroethylene	2.841945	9.395275	2.88675	7.481621E-02			SPCC (0.1)	
1,1-Dichloropropylene	3.028146	8.017254	5.137	0.0175656			20	
1,2,3-Trichlorobenzene	0.2534647	20.75217	13.99575	7.23342E-03		0.9994094	0.99	
1,2,3-Trichloropropane	0.113886	8.732727	10.09575	1.058106E-02			20	
1,2,3-Trimethylbenzene	1.828174	16.49262	11.2225	2.462233E-02			20	
1,2,4,5-Tetramethylbenzene	1.143735	30.18972	12.41525	1.764341E-02		0.9996131	0.99	
1,2,4-Trichlorobenzene	0.3265506	19.9743	13.43275	2.610415E-02			SPCC (0.2)	
1,2,4-Trimethylbenzene	1.860041	16.59121	10.74525	0.023984			20	
1,2-Dibromo-3-chloropropane	5.389324E-02	27.74054	12.5025	4.107552E-02		0.9999504	SPCC (0.05)	
1,2-Dibromoethane	0.4464901	10.76821	8.146	4.161841E-02			SPCC (0.1)	
1,2-Dichlorobenzene	0.9471316	7.841422	11.61	2.431144E-02			SPCC (0.4)	
1,2-Dichloroethane	2.06564	6.515191	5.368	1.198525E-02			SPCC (0.1)	
1,2-Dichloropropane	0.7475159	5.049723	6.16575	6.373177E-02			SPCC (0.1)	
1,3,5-Trimethylbenzene	1.898961	12.86036	10.32613	9.919071E-03			20	
1,3-Dichlorobenzene	1.033619	12.00027	11.08475	0.0301933			SPCC (0.6)	
1,3-Dichloropropane	0.8728666	6.647167	7.78325	7.322122E-03			20	
1,4-Dichlorobenzene	1.026693	10.99277	11.184	7.200073E-03			SPCC (0.5)	
1,4-Dioxane	4.184764E-03	11.46581	6.312333	6.366705E-02			20	
2,2-Dichloropropane	2.560216	7.40381	4.52075	7.080524E-02			20	
2-Butanone	0.1418281	13.7752	4.553	0.1323266			SPCC (0.1)	
2-Chloroethylvinyl ether	0	0	0	0			20	
2-Chlorotoluene	1.94476	9.700012	10.247	1.922633E-02			20	
2-Hexanone	0.2222764	13.81866	7.84625	5.891713E-02			SPCC (0.1)	
2-Nitropropane	8.698727E-02	13.82449	6.6616	4.835732E-02			20	
4-Chlorotoluene	1.946109	10.54834	10.36525	3.012695E-02			20	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: ALS Environmental - StratfordSDG: 26E0163Client: Hydro Tech EnvironmentalProject: 230051 - 170 Freeman Street, BrooklynCalibration: SE60011Instrument: VOA No. 8Calibration Date: 05/05/26 11:01

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
4-Methyl-2-pentanone	0.315457	12.30258	7.00575	2.868377E-02			SPCC (0.1)	
Acetone	0.1397137	24.46016	2.95825	0.169324		0.9995235	SPCC (0.1)	
Acrolein	0.1660011	13.4498	2.810333	0.1121222			20	
Acrylonitrile	0.3175373	8.311893	3.600667	8.685558E-02			20	
Allyl chloride	2.858845	5.424889	3.23225	6.834968E-02			20	
Benzene	8.967924	5.802729	5.33725	3.801564E-02			SPCC (0.5)	
Bromobenzene	0.9062302	6.366498	10.04188	2.904507E-02			20	
Bromochloromethane	1.256442	7.39096	4.7645	5.865194E-02			20	
Bromodichloromethane	0.8996694	8.242317	6.442	5.340273E-02			SPCC (0.2)	
Bromoform	0.2603737	23.13363	9.54725	3.601662E-02		0.9993818	SPCC (0.1)	
Bromomethane	1.210501	6.535746	2.05825	0.1021063			SPCC (0.1)	
Carbon disulfide	5.482989	8.677837	3.10425	7.140126E-02			SPCC (0.1)	
Carbon tetrachloride	2.533474	19.84591	5.13775	3.830788E-02			SPCC (0.1)	
Chlorobenzene	2.120462	6.220826	8.641	6.850035E-03			SPCC (0.5)	
Chlorodifluoromethane (Freon 22)	0.3229038	6.824518	1.507714	0.5285678			20	
Chloroethane	1.391366	11.67283	2.156	0.0162388			SPCC (0.1)	
Chloroform	3.805024	4.780412	4.83525	6.621179E-02			SPCC (0.2)	
Chloromethane	1.853881	14.4944	1.67875	0.4062665			SPCC (0.1)	
cis-1,2-Dichloroethylene	2.98211	7.242306	4.53725	6.701772E-02			SPCC (0.1)	
cis-1,3-Dichloropropylene	0.9663	17.24727	6.8665	4.485915E-02			SPCC (0.2)	
cis-decahydronaphthalene	0.0938377	40.78198	12.176	3.592222E-02		0.9987049	0.99	
Cyclohexane	3.099637	13.62151	5.026125	6.304091E-02			SPCC (0.1)	
Dibromochloromethane	0.5410021	13.93827	8.027	2.455307E-02			SPCC (0.1)	
Dibromomethane	0.3321009	6.992009	6.29825	3.536976E-02			20	
Dichlorodifluoromethane	1.120685	19.08102	1.458	1.752727E-02			SPCC (0.1)	
Diisopropyl ether (DIPE)	5.151492	5.870494	4.0255	6.936625E-02			20	
Ethanol	2.039692E-02	21.39766	2.61075	0.1601231		0.9991687	0.99	
Ethyl Benzene	3.736217	10.91325	8.7355	4.264215E-02			SPCC (0.1)	
Ethyl Ether	1.312167	5.784702	2.66625	0.1442661			20	
Ethyl Methacrylate	0.6272673	17.06708	7.4805	3.986219E-02			20	
Ethyl tert-butyl ether (ETBE)	3.399149	24.15899	4.36125	7.492414E-02		0.9986144	0.99	
Freon 115	1.752834E-02	56.1458	1.317	2.133678E-03			20	*
Freon 123	3.030768	7.739967	2.752125	8.126885E-03			20	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: ALS Environmental - StratfordSDG: 26E0163Client: Hydro Tech EnvironmentalProject: 230051 - 170 Freeman Street, BrooklynCalibration: SE60011Instrument: VOA No. 8Calibration Date: 05/05/26 11:01

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Freon 152a	0.6828141	29.4865	1.28175	40.40954		0.998934	0.99	
Freon 22	0.3229038	6.824518	1.507714	0.5285678			20	
Hexachlorobutadiene	9.595927E-02	19.45464	13.60837	3.309962E-02			20	
Hexachloroethane	0.2379614	24.8211	11.88025	1.355347E-02		0.9994696	0.99	
Iodomethane	1.390067	64.37834	2.663625	40.40611		0.9967381	0.99	
Isopropylbenzene	2.407236	18.05374	9.67825	0.0335455			SPCC (0.1)	
Limonene	0.3035686	31.42678	11.03125	4.685897E-02		0.9984258	0.99	
Methyl acetate	0.6939408	12.46714	3.2555	8.312201E-02			SPCC (0.1)	
Methyl Methacrylate	0.301598	11.38061	6.2555	6.117569E-02			20	
Methyl tert-butyl ether (MTBE)	3.79625	9.503926	3.592	8.887812E-02			SPCC (0.1)	
Methylcyclohexane	1.090313	20.2815	6.10325	2.873172E-02		0.9993139	SPCC (0.1)	
Methylene chloride	2.237527	5.22018	3.3595	0.0850335			SPCC (0.1)	
Naphthalene	0.7407986	30.67107	13.71425	1.230043E-02		0.9988832	0.99	
n-butyl acetate	0.5495434	15.5561	7.9615	3.144968E-02			20	
n-Butylbenzene	1.575157	17.09665	11.555	1.812044E-02			20	
n-Decane	0.146954	31.61202	10.3	7.070196E-02		0.9958342	0.99	
n-Hexane	2.247091	19.60102	3.8215	7.349874E-02			20	
Nitrobenzene	0.0160438	32.36117	12.74562	3.313666E-02		0.9998593	0.99	
n-Nonane	0.1735292	31.36363	8.838	3.550866E-02		0.9987235	0.99	
n-octane	0.191919	18.54714	7.253	2.987737E-02			20	
n-Propylbenzene	2.861789	13.61312	10.132	1.311561E-02			20	
n-undecane	7.571398E-02	71.60711	11.6354	1.143818E-02		0.9939338	0.99	
o-Xylene	2.672102	16.31177	9.28975	3.371152E-02			SPCC (0.3)	
p- & m- Xylenes	2.773362	10.98321	8.85925	2.834166E-02			SPCC (0.1)	
p-Diethylbenzene	0.8007447	24.60916	11.52575	2.754204E-02		0.9996983	0.99	
p-Ethyltoluene	2.297712	17.36463	10.2555	3.163064E-02			20	
p-Isopropyltoluene	1.685435	19.95643	11.09225	1.757162E-02			20	
sec-Butylbenzene	1.998156	17.47474	10.9305	2.548607E-02			20	
Styrene	2.136489	19.03909	9.31025	1.158786E-02			SPCC (0.3)	
SURR: 1,2-Dichloroethane-d4	2.263857	3.706901	5.2999	5.101772E-02			20	
SURR: p-Bromofluorobenzene	1.066974	2.371389	9.8742	3.243392E-02			20	
SURR: Toluene-d8	4.060277	1.796561	7.1158	3.910766E-02			20	
tert-Amyl alcohol (TAA)	0.1157994	9.526189	5.36275	3.678148E-02			20	

FORM VI

INITIAL CALIBRATION DATA (Continued)

EPA 8260D

Laboratory: ALS Environmental - StratfordSDG: 26E0163Client: Hydro Tech EnvironmentalProject: 230051 - 170 Freeman Street, BrooklynCalibration: SE60011Instrument: VOA No. 8Calibration Date: 05/05/26 11:01

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
tert-Amyl methyl ether (TAME)	2.59154	30.97016	5.4215	9.821284E-02		0.9975982	0.99	
tert-Butyl alcohol (TBA)	0.1611645	5.072181	3.485125	9.628292E-02			20	
tert-Butylbenzene	1.458914	19.45114	10.68425	2.236609E-02			20	
Tetrachloroethylene	1.33221	15.31841	7.74025	2.894217E-02			SPCC (0.2)	
Tetrahydrofuran	0.1273426	11.52437	4.812889	6.575282E-02			20	
Toluene	3.559594	6.684695	7.181	1.041626E-02			SPCC (0.4)	
trans-1,2-Dichloroethylene	2.815352	5.115896	3.60325	5.617303E-02			SPCC (0.1)	
trans-1,3-Dichloropropylene	0.7582079	17.36846	7.42375	2.465383E-02			SPCC (0.1)	
trans-1,4-dichloro-2-butene	7.098794E-02	30.2904	10.10286	4.692501E-02		0.9996435	0.99	
trans-decahydronaphthalene	0.1363099	39.40806	11.529	3.746992E-02		0.9987431	0.99	
Trichloroethylene	0.8429219	6.777563	5.9445	4.168626E-02			SPCC (0.2)	
Trichlorofluoromethane	2.815256	16.7373	2.39325	2.421919E-02			SPCC (0.1)	
Vinyl acetate	0.2427221	11.01107	4.034286	0.1116891			20	
Vinyl Chloride	1.944213	21.76288	1.736125	1.279522E-02		0.9962088	SPCC (0.1)	
Xylenes, Total	2.739608	12.69354	8.85925	2.834166E-02			20	

Data Path : C:\msdchem\1\data\V8-05-05-26\
 Data File : V8-012698.D
 Acq On : 5 May 2026 10:05 pm
 Operator : THD
 InstName : VOA No. 8
 Sample : SEQ-CAL1
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Quant Time: May 06 12:34:48 2026
 Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Wed May 06 08:56:01 2026
 Response via : Initial Calibration

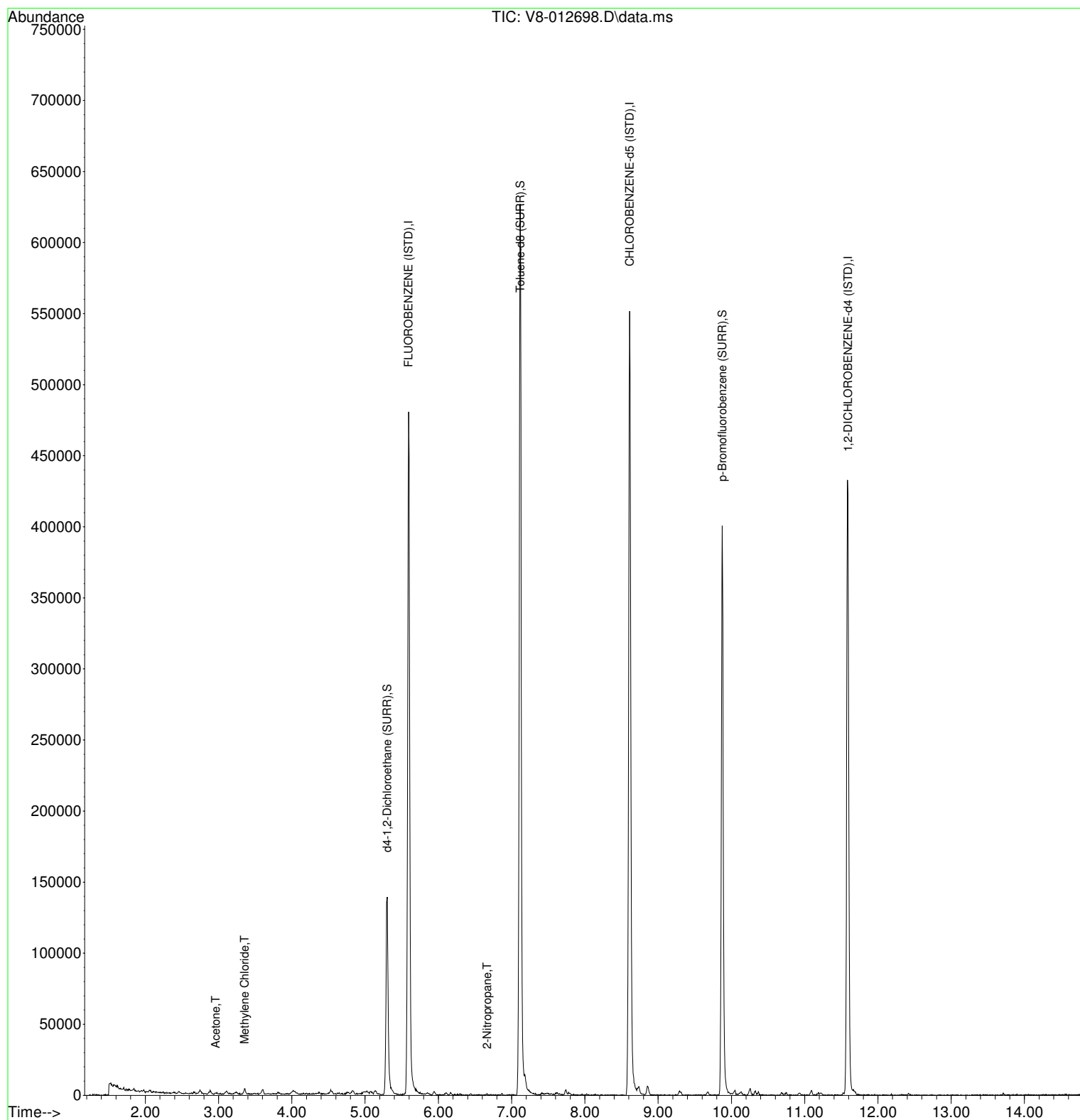
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) FLUOROBENZENE (ISTD)	5.593	50	46644	10.00	ppb	0.00
48) CHLOROBENZENE-d5 (ISTD)	8.611	119	120418	10.00	ppb	0.00
80) 1,2-DICHLOROBENZENE-d4...	11.592	152	147203	10.00	ppb	0.00
System Monitoring Compounds						
42) d4-1,2-Dichloroethane ...	5.301	65	106359	9.96	ppb	0.00
Spiked Amount 10.000	Range	69 - 130	Recovery	=	99.60%	
60) Toluene-d8 (SURR)	7.114	98	488901	10.09	ppb	0.00
Spiked Amount 10.000	Range	81 - 117	Recovery	=	100.90%	
82) p-Bromofluorobenzene (...)	9.876	95	162035	10.33	ppb	0.00
Spiked Amount 10.000	Range	79 - 122	Recovery	=	103.30%	
Target Compounds						
						Qvalue
18) Acetone	2.959	58	223	0.35	ppb	79
24) Methylene Chloride	3.355	49	1755	0.17	ppb	92
56) 2-Nitropropane	6.664	43	473	0.43	ppb	90

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

Data Path : C:\msdchem\1\data\V8-05-05-26\
Data File : V8-012698.D
Acq On : 5 May 2026 10:05 pm
Operator : THD
InstName : VOA No. 8
Sample : SEQ-CAL1
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: May 06 12:34:48 2026
Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed May 06 08:56:01 2026
Response via : Initial Calibration



Data Path : C:\msdchem\1\data\V8-05-05-26\
 Data File : V8-012699.D
 Acq On : 5 May 2026 10:38 pm
 Operator : THD
 InstName : VOA No. 8
 Sample : SEQ-CAL2
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Quant Time: May 06 12:37:22 2026
 Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Wed May 06 08:56:01 2026
 Response via : Initial Calibration

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

Internal Standards						
1) FLUOROBENZENE (ISTD)	5.593	50	47676	10.00	ppb	0.00
48) CHLOROBENZENE-d5 (ISTD)	8.611	119	122646	10.00	ppb	0.00
80) 1,2-DICHLOROBENZENE-d4...	11.592	152	154537	10.00	ppb	0.00

System Monitoring Compounds						
42) d4-1,2-Dichloroethane ...	5.295	65	106411	9.75	ppb	0.00
Spiked Amount 10.000	Range	69 - 130	Recovery	=	97.50%	
60) Toluene-d8 (SURR)	7.120	98	503787	10.21	ppb	0.00
Spiked Amount 10.000	Range	81 - 117	Recovery	=	102.10%	
82) p-Bromofluorobenzene (...)	9.876	95	166374	10.10	ppb	0.00
Spiked Amount 10.000	Range	79 - 122	Recovery	=	101.00%	

Target Compounds						Qvalue
9) Bromomethane	2.053	94	1230	0.21	ppb	98
10) Chloroethane	2.150	64	1272	0.19	ppb	# 74
11) Trichlorofluoromethane	2.387	101	2340	0.17	ppb	89
12) Ethyl Ether	2.661	59	1535	0.24	ppb	94
13) Ethanol	2.606	45	895	9.17	ppb	# 43
14) Freon 123	2.746	83	2983	0.20	ppb	# 94
15) 1,1-Dichloroethylene	2.892	61	2636	0.19	ppb	95
16) Freon 113	2.880	101	1886	0.20	ppb	90
17) Acrolein	2.813	56	962	1.20	ppb	82
20) Carbon disulfide	3.105	76	6067	0.22	ppb	97
21) Allyl Chloride	3.239	41	3170	0.22	ppb	98
22) Methyl Acetate	3.257	43	957	0.27	ppb	# 47
23) tert-Butyl Alcohol (TBA)	3.488	59	880	1.16	ppb	# 89
24) Methylene Chloride	3.355	49	3294	0.30	ppb	93
25) Acrylonitrile	3.598	53	1669	1.04	ppb	# 88
26) trans-1,2-Dichloroethy...	3.604	61	2744	0.20	ppb	92
27) tert-Butyl Methyl Ethe...	3.598	73	3814	0.20	ppb	97
28) n-hexane	3.817	57	1865	0.17	ppb	# 74
29) 1,1-Dichloroethane	3.999	63	3958	0.22	ppb	97
31) Diisopropyl ether (DIPE)	4.030	45	5476	0.21	ppb	# 93
33) cis-1,2-Dichloroethylene	4.535	61	3693	0.25	ppb	90
35) 2,2-Dichloropropane	4.517	77	2850	0.23	ppb	96
36) Tetrahydrofuran	4.815	71	554	0.87	ppb	69
37) Bromochloromethane	4.766	49	1231	0.20	ppb	85
38) Chloroform	4.839	83	4420	0.24	ppb	98
39) 1,1,1-Trichloroethane	4.991	97	3372	0.21	ppb	95
40) Cyclohexane	5.028	56	2739	0.18	ppb	90
41) 1,1-Dichloropropylene	5.143	75	2969	0.20	ppb	88
43) Carbon Tetrachloride	5.131	117	1945	0.15	ppb	91
44) tert-Amyl alcohol (TAA)	5.362	59	304	0.57	ppb	# 63
45) 1,2-Dichloroethane	5.362	62	2791	0.28	ppb	# 72
46) Benzene	5.338	78	9416	0.21	ppb	# 1
47) tert-Amyl methyl ether...	5.429	73	2026	0.15	ppb	# 84
49) Trichloroethylene	5.946	95	2375	0.23	ppb	96
50) Methyl Cyclohexane	6.092	83	2474	0.17	ppb	97
52) Dibromomethane	6.305	93	852	0.20	ppb	87
53) Bromodichloromethane	6.445	83	2517	0.22	ppb	# 92
54) 1,2-Dichloropropane	6.159	63	2226	0.23	ppb	89
55) 1,4-Dioxane	6.317	88	283m	4.80	ppb	
56) 2-Nitropropane	6.664	43	976	0.88	ppb	91
58) cis-1,3-Dichloropropene	6.871	75	2037	0.16	ppb	98
59) 4-Methyl-2-Pentanone	7.017	43	976	0.23	ppb	# 58
61) Toluene	7.187	91	10729	0.25	ppb	98

Data Path : C:\msdchem\1\data\V8-05-05-26\
 Data File : V8-012699.D
 Acq On : 5 May 2026 10:38 pm
 Operator : THD
 InstName : VOA No. 8
 Sample : SEQ-CAL2
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

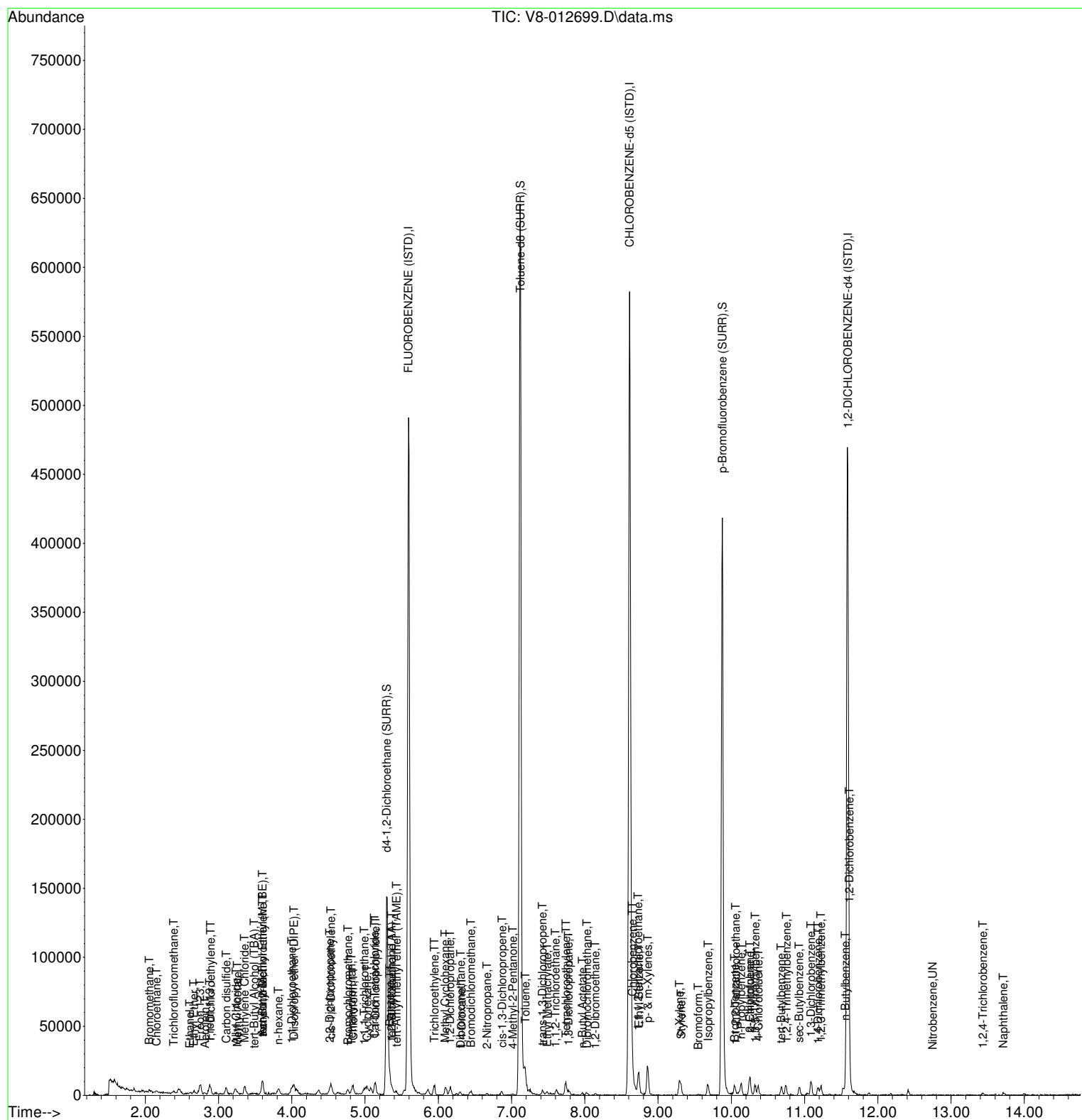
Quant Time: May 06 12:37:22 2026
 Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Wed May 06 08:56:01 2026
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
63) Ethyl Methacrylate	7.485	69	1267	0.15	ppb	79
64) trans-1,3-Dichloropropene	7.418	75	1856	0.19	ppb	# 34
65) 1,1,2-Trichloroethane	7.601	97	1472	0.24	ppb	91
66) 1,3-Dichloropropane	7.777	76	2428	0.22	ppb	96
67) Tetrachloroethylene	7.741	166	2984	0.18	ppb	95
69) n-Butyl Actetate	7.966	43	1472	0.20	ppb	# 77
70) Dibromochloromethane	8.027	129	1243	0.18	ppb	# 82
71) 1,2-Dibromoethane	8.142	107	1189	0.21	ppb	88
72) Chlorobenzene	8.647	112	6197	0.24	ppb	# 1
73) 1,1,1,2-tetrachloroethane	8.726	131	1549	0.19	ppb	# 47
75) Ethyl Benzene	8.739	91	9350	0.20	ppb	96
76) p- & m-Xylenes	8.860	91	14803	0.43	ppb	90
77) o-Xylene	9.292	91	5955	0.17	ppb	93
78) Styrene	9.317	104	4226	0.15	ppb	86
79) Bromoform	9.548	173	547	0.16	ppb	# 57
81) Isopropylbenzene	9.682	105	6180	0.16	ppb	92
83) 1,1,2,2-Tetrachloroethane	10.059	83	1388	0.20	ppb	86
84) Bromobenzene	10.047	77	3637	0.26	ppb	86
87) n-Propylbenzene	10.132	91	8409	0.19	ppb	# 96
89) p-Ethyltoluene	10.253	105	6450	0.17	ppb	96
90) 1,3,5-Trimethylbenzene	10.326	105	5036	0.17	ppb	# 93
91) 2-Chlorotoluene	10.253	91	6078	0.20	ppb	96
92) 4-Chlorotoluene	10.369	91	5541	0.18	ppb	100
93) tert-Butylbenzene	10.679	119	3953	0.17	ppb	92
94) 1,2,4-Trimethylbenzene	10.752	105	4520	0.15	ppb	98
95) sec-Butylbenzene	10.923	105	5086	0.16	ppb	93
97) 1,3-Dichlorobenzene	11.087	146	3093	0.19	ppb	93
99) 1,4-Dichlorobenzene	11.184	146	3068	0.19	ppb	92
100) 1,2,3-Trimethylbenzene	11.221	105	4837	0.16	ppb	94
103) 1,2-Dichlorobenzene	11.610	146	3366	0.22	ppb	# 28
104) n-Butylbenzene	11.555	91	4654	0.19	ppb	# 65
110) Nitrobenzene	12.748	77	404	1.61	ppb	# 30
111) 1,2,4-Trichlorobenzene	13.435	180	958	0.19	ppb	# 86
113) Naphthalene	13.709	128	2009	0.16	ppb	# 84

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

Data Path : C:\msdchem\1\data\V8-05-05-26\
Data File : V8-012699.D
Acq On : 5 May 2026 10:38 pm
Operator : THD
InstName : VOA No. 8
Sample : SEQ-CAL2
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: May 06 12:37:22 2026
Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed May 06 08:56:01 2026
Response via : Initial Calibration



Data Path : C:\msdchem\1\data\V8-05-05-26\
 Data File : V8-012700.D
 Acq On : 5 May 2026 11:10 pm
 Operator : THD
 InstName : VOA No. 8
 Sample : SEQ-CAL3
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Quant Time: May 06 12:53:54 2026
 Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Wed May 06 12:37:40 2026
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) FLUOROBENZENE (ISTD)	5.593	50	44948	10.00	ppb	0.00
48) CHLOROBENZENE-d5 (ISTD)	8.611	119	119164	10.00	ppb	0.00
80) 1,2-DICHLOROBENZENE-d4...	11.586	152	153432	10.00	ppb	0.00
System Monitoring Compounds						
42) d4-1,2-Dichloroethane ...	5.301	65	106897	10.59	ppb	0.00
Spiked Amount 10.000	Range	69 - 130	Recovery	=	105.90%	
60) Toluene-d8 (SURR)	7.114	98	493321	10.26	ppb	0.00
Spiked Amount 10.000	Range	81 - 117	Recovery	=	102.60%	
82) p-Bromofluorobenzene (...)	9.876	95	163195	10.01	ppb	0.00
Spiked Amount 10.000	Range	79 - 122	Recovery	=	100.10%	
Target Compounds						
					Qvalue	
4) Dichlorodifluoromethane	1.458	85	629	0.24	ppb	# 63
7) Chloromethane	1.688	50	2797m	0.31	ppb	
8) Vinyl Chloride	1.736	62	2209	0.30	ppb	# 70
9) Bromomethane	2.059	94	2618	0.49	ppb	97
10) Chloroethane	2.156	64	3663	0.63	ppb	# 76
11) Trichlorofluoromethane	2.393	101	4101	0.30	ppb	97
12) Ethyl Ether	2.673	59	2881	0.47	ppb	93
13) Ethanol	2.606	45	2679	32.97	ppb	# 72
14) Freon 123	2.752	83	5994	0.42	ppb	96
15) 1,1-Dichloroethylene	2.892	61	5298	0.39	ppb	98
16) Freon 113	2.880	101	2786	0.30	ppb	92
17) Acrolein	2.813	56	1790	2.43	ppb	95
18) Acetone	2.953	58	438	0.76	ppb	95
20) Carbon disulfide	3.105	76	10562	0.41	ppb	100
21) Allyl Chloride	3.227	41	6270	0.48	ppb	97
22) Methyl Acetate	3.257	43	1951	0.64	ppb	85
23) tert-Butyl Alcohol (TBA)	3.488	59	1824	2.46	ppb	# 82
24) Methylene Chloride	3.361	49	5509	0.55	ppb	97
25) Acrylonitrile	3.604	53	3545	2.42	ppb	98
26) trans-1,2-Dichloroethy...	3.604	61	6026	0.46	ppb	95
27) tert-Butyl Methyl Ethe...	3.586	73	7817	0.42	ppb	92
28) n-hexane	3.823	57	2864	0.32	ppb	# 46
29) 1,1-Dichloroethane	3.999	63	7657	0.44	ppb	97
31) Diisopropyl ether (DIPE)	4.024	45	11276	0.47	ppb	99
32) Ethyl-tert-Butyl ether...	4.358	59	5186	0.26	ppb	97
33) cis-1,2-Dichloroethylene	4.541	61	6556	0.47	ppb	94
35) 2,2-Dichloropropane	4.523	77	5005	0.41	ppb	88
36) Tetrahydrofuran	4.815	71	1491	2.61	ppb	98
37) Bromochloromethane	4.760	49	3172	0.56	ppb	85
38) Chloroform	4.839	83	8126	0.46	ppb	98
39) 1,1,1-Trichloroethane	4.991	97	6133	0.39	ppb	94
40) Cyclohexane	5.028	56	4967	0.33	ppb	94
41) 1,1-Dichloropropylene	5.137	75	6093	0.42	ppb	95
43) Carbon Tetrachloride	5.137	117	3890	0.30	ppb	98
44) tert-Amyl alcohol (TAA)	5.362	59	1160	2.10	ppb	# 81
45) 1,2-Dichloroethane	5.368	62	5053	0.53	ppb	96
46) Benzene	5.332	78	19374	0.46	ppb	# 1
47) tert-Amyl methyl ether...	5.429	73	3872	0.24	ppb	97
49) Trichloroethylene	5.946	95	4548	0.43	ppb	96
50) Methyl Cyclohexane	6.104	83	4118	0.27	ppb	95
51) Methyl Methacrylate	6.256	69	1548	0.39	ppb	92
52) Dibromomethane	6.299	93	1829	0.45	ppb	92
53) Bromodichloromethane	6.439	83	4850	0.43	ppb	96

Data Path : C:\msdchem\1\data\V8-05-05-26\
 Data File : V8-012700.D
 Acq On : 5 May 2026 11:10 pm
 Operator : THD
 InstName : VOA No. 8
 Sample : SEQ-CAL3
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Quant Time: May 06 12:53:54 2026
 Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Wed May 06 12:37:40 2026
 Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
54)	1,2-Dichloropropane	6.159	63	4143	0.45	ppb	91
55)	1,4-Dioxane	6.311	88	642	13.19	ppb	87
56)	2-Nitropropane	6.664	43	2550	2.40	ppb	91
58)	cis-1,3-Dichloropropene	6.871	75	4728	0.36	ppb	96
59)	4-Methyl-2-Pentanone	7.005	43	1732	0.42	ppb	# 92
61)	Toluene	7.181	91	20358	0.46	ppb	97
62)	n-Octane	7.254	85	955	0.37	ppb	# 82
63)	Ethyl Methacrylate	7.485	69	2843	0.33	ppb	91
64)	trans-1,3-Dichloropropene	7.425	75	3712	0.36	ppb	# 34
65)	1,1,2-Trichloroethane	7.619	97	2767	0.45	ppb	95
66)	1,3-Dichloropropane	7.783	76	4968	0.46	ppb	99
67)	Tetrachloroethylene	7.735	166	6378	0.36	ppb	98
68)	2-Hexanone	7.850	43	1274	0.44	ppb	99
69)	n-Butyl Actetate	7.966	43	2766	0.38	ppb	# 94
70)	Dibromochloromethane	8.027	129	2755	0.38	ppb	# 94
71)	1,2-Dibromoethane	8.142	107	2350	0.41	ppb	93
72)	Chlorobenzene	8.641	112	12117	0.46	ppb	# 42
73)	1,1,1,2-tetrachloroethane	8.732	131	2942	0.35	ppb	# 44
74)	n-Nonane	8.836	57	566	0.31	ppb	# 78
75)	Ethyl Benzene	8.732	91	19801	0.41	ppb	97
76)	p- & m-Xylenes	8.860	91	28210	0.79	ppb	96
77)	o-Xylene	9.292	91	12111	0.34	ppb	99
78)	Styrene	9.310	104	9069	0.31	ppb	95
79)	Bromoform	9.554	173	1162	0.33	ppb	84
81)	Isopropylbenzene	9.675	105	13381	0.32	ppb	97
83)	1,1,2,2-Tetrachloroethane	10.047	83	3777	0.56	ppb	88
84)	Bromobenzene	10.040	77	6484	0.45	ppb	98
86)	1,2,3-Trichloropropane	10.095	110	773	0.42	ppb	78
87)	n-Propylbenzene	10.132	91	17411	0.36	ppb	97
88)	n-Decane	10.302	57	675	0.66	ppb	# 34
89)	p-Ethyltoluene	10.253	105	12601	0.32	ppb	98
90)	1,3,5-Trimethylbenzene	10.326	105	11882	0.38	ppb	98
91)	2-Chlorotoluene	10.247	91	13170	0.41	ppb	90
92)	4-Chlorotoluene	10.363	91	12341	0.39	ppb	98
93)	tert-Butylbenzene	10.685	119	7708	0.30	ppb	94
94)	1,2,4-Trimethylbenzene	10.746	105	10566	0.33	ppb	97
95)	sec-Butylbenzene	10.929	105	11343	0.33	ppb	96
96)	Limonene	11.020	68	1302	0.22	ppb	# 84
97)	1,3-Dichlorobenzene	11.087	146	6616	0.38	ppb	95
98)	p-Isopropyltoluene	11.093	119	9039	0.31	ppb	97
99)	1,4-Dichlorobenzene	11.184	146	6788	0.40	ppb	95
100)	1,2,3-Trimethylbenzene	11.227	105	10372	0.33	ppb	99
101)	p-Diethylbenzene	11.531	105	3719	0.26	ppb	92
102)	trans-Decahydronapthalene	11.531	138	306	0.16	ppb	# 1
103)	1,2-Dichlorobenzene	11.610	146	6628	0.43	ppb	# 63
104)	n-Butylbenzene	11.555	91	9003	0.33	ppb	93
105)	Hexachloroethane	11.878	119	1122	0.27	ppb	90
107)	cis-Decahydronapthalene	12.170	138	232	0.19	ppb	# 1
108)	1,2-Dibromo-3-chloropr...	12.510	75	149	0.16	ppb	# 35
109)	1,2,4,5-Tetramethylben...	12.419	119	5151	0.24	ppb	# 88
110)	Nitrobenzene	12.742	77	732	2.89	ppb	# 59
111)	1,2,4-Trichlorobenzene	13.429	180	1990	0.34	ppb	96
112)	Hexachloro-1,3-Butadiene	13.611	225	429	0.26	ppb	# 78
113)	Naphthalene	13.715	128	4051	0.28	ppb	# 92
114)	1,2,3-Trichlorobenzene	13.995	180	1487	0.33	ppb	90

Data Path : C:\msdchem\1\data\V8-05-05-26\
Data File : V8-012700.D
Acq On : 5 May 2026 11:10 pm
Operator : THD
InstName : VOA No. 8
Sample : SEQ-CAL3
Misc :
ALS Vial : 39 Sample Multiplier: 1

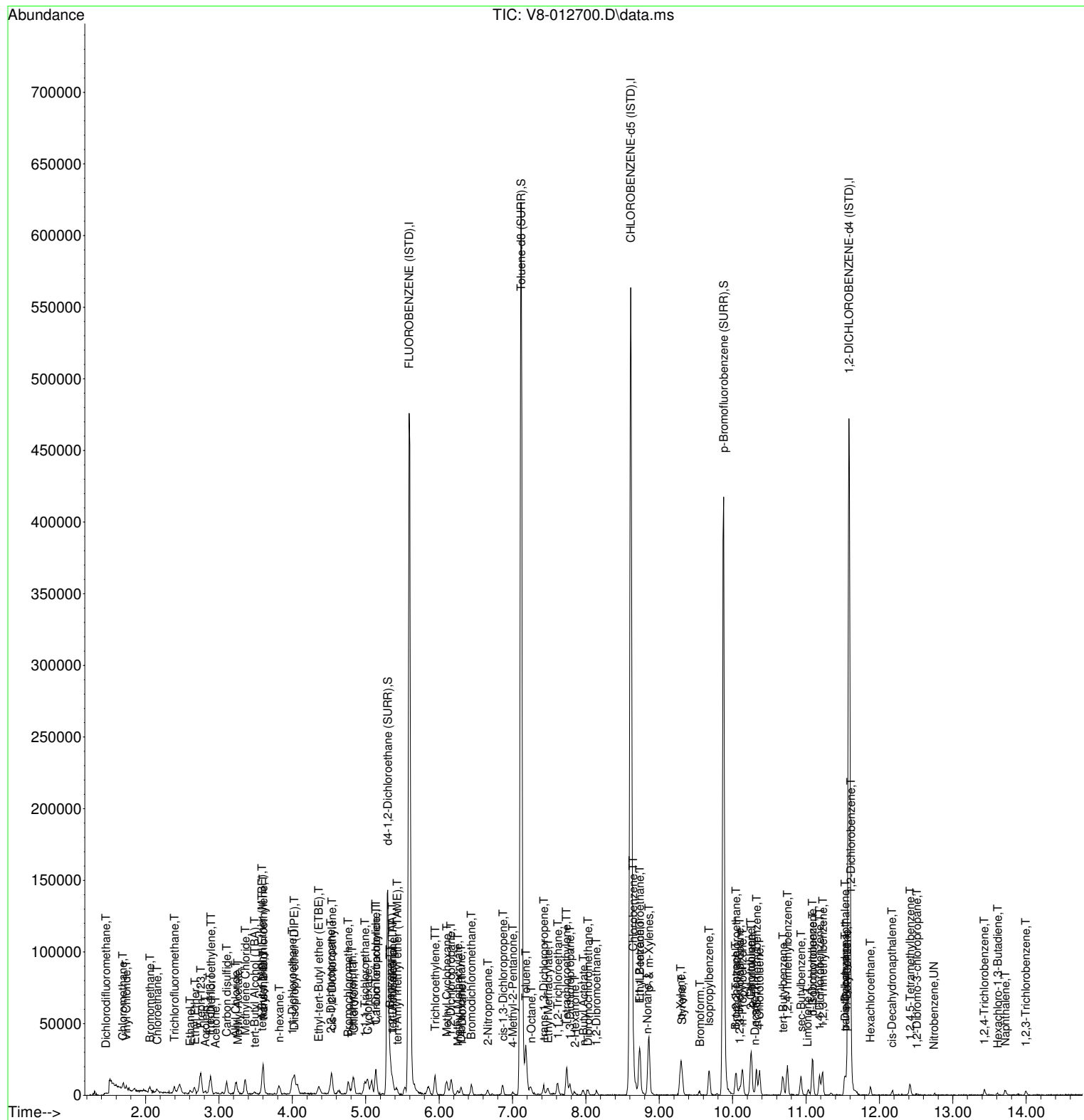
Quant Time: May 06 12:53:54 2026
Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed May 06 12:37:40 2026
Response via : Initial Calibration

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

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

Data Path : C:\msdchem\1\data\V8-05-05-26\
Data File : V8-012700.D
Acq On : 5 May 2026 11:10 pm
Operator : THD
InstName : VOA No. 8
Sample : SEQ-CAL3
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: May 06 12:53:54 2026
Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed May 06 12:37:40 2026
Response via : Initial Calibration



Data Path : C:\msdchem\1\data\V8-05-05-26\
 Data File : V8-012701.D
 Acq On : 5 May 2026 11:42 pm
 Operator : THD
 InstName : VOA No. 8
 Sample : SEQ-CAL4
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Quant Time: May 06 12:41:08 2026
 Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Wed May 06 08:56:01 2026
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) FLUOROBENZENE (ISTD)	5.593	50	46694	10.00	ppb	0.00
48) CHLOROBENZENE-d5 (ISTD)	8.611	119	122511	10.00	ppb	0.00
80) 1,2-DICHLOROBENZENE-d4...	11.586	152	157472	10.00	ppb	0.00
System Monitoring Compounds						
42) d4-1,2-Dichloroethane ...	5.301	65	107448	10.05	ppb	0.00
Spiked Amount 10.000	Range	69 - 130	Recovery	=	100.50%	
60) Toluene-d8 (SURR)	7.114	98	498486	10.11	ppb	0.00
Spiked Amount 10.000	Range	81 - 117	Recovery	=	101.10%	
82) p-Bromofluorobenzene (...)	9.870	95	167562	9.99	ppb	0.00
Spiked Amount 10.000	Range	79 - 122	Recovery	=	99.90%	
Target Compounds						
					Qvalue	
3) Freon 152a	1.464	65	3131	0.85	ppb	94
4) Dichlorodifluoromethane	1.458	85	4462	0.85	ppb	96
5) Freon 22	1.505	67	1428	0.89	ppb	95
6) Chlorodifluoromethane ...	1.505	67	1428	0.89	ppb	95
7) Chloromethane	1.682	50	9208	4.99	ppb	# 8
8) Vinyl Chloride	1.736	62	8875	0.94	ppb	91
9) Bromomethane	2.059	94	5505	0.98	ppb	89
10) Chloroethane	2.156	64	6520	0.99	ppb	100
11) Trichlorofluoromethane	2.393	101	11552	0.86	ppb	100
12) Ethyl Ether	2.667	59	5968	0.94	ppb	94
13) Ethanol	2.618	45	3569	37.32	ppb	# 98
14) Freon 123	2.752	83	12669	0.86	ppb	96
15) 1,1-Dichloroethylene	2.886	61	11897	0.86	ppb	97
16) Freon 113	2.868	101	7927	0.84	ppb	95
17) Acrolein	2.807	56	2595	3.31	ppb	93
18) Acetone	2.959	58	868	1.35	ppb	97
19) Iodomethane	3.044	142	2072	0.26	ppb	93
20) Carbon disulfide	3.099	76	23261	0.88	ppb	97
21) Allyl Chloride	3.233	41	12158	0.86	ppb	95
22) Methyl Acetate	3.257	43	2733	0.78	ppb	89
23) tert-Butyl Alcohol (TBA)	3.488	59	3540	4.75	ppb	# 66
24) Methylene Chloride	3.361	49	9863	0.93	ppb	96
25) Acrylonitrile	3.604	53	6520	4.15	ppb	98
26) trans-1,2-Dichloroethy...	3.604	61	12049	0.90	ppb	98
27) tert-Butyl Methyl Ethe...	3.598	73	15854	0.86	ppb	96
28) n-hexane	3.817	57	9450	0.86	ppb	98
29) 1,1-Dichloroethane	3.993	63	15213	0.85	ppb	96
30) Vinyl Acetate	4.042	86	1067	0.88	ppb	93
31) Diisopropyl ether (DIPE)	4.030	45	21601	0.85	ppb	98
32) Ethyl-tert-Butyl ether...	4.364	59	11613	0.64	ppb	99
33) cis-1,2-Dichloroethylene	4.535	61	12023	0.83	ppb	97
34) 2-Butanone	4.553	72	506	0.64	ppb	# 40
35) 2,2-Dichloropropane	4.517	77	11168	0.92	ppb	98
36) Tetrahydrofuran	4.815	71	2991	4.82	ppb	86
37) Bromochloromethane	4.766	49	5216	0.88	ppb	96
38) Chloroform	4.833	83	16423	0.90	ppb	96
39) 1,1,1-Trichloroethane	4.985	97	13546	0.84	ppb	99
40) Cyclohexane	5.021	56	13137	0.86	ppb	94
41) 1,1-Dichloropropylene	5.137	75	12422	0.85	ppb	95
43) Carbon Tetrachloride	5.143	117	9172	0.73	ppb	97
44) tert-Amyl alcohol (TAA)	5.362	59	2604	5.03	ppb	# 80
45) 1,2-Dichloroethane	5.368	62	8511	0.87	ppb	93
46) Benzene	5.338	78	37511	0.87	ppb	# 5

Data Path : C:\msdchem\1\data\V8-05-05-26\
 Data File : V8-012701.D
 Acq On : 5 May 2026 11:42 pm
 Operator : THD
 InstName : VOA No. 8
 Sample : SEQ-CAL4
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Quant Time: May 06 12:41:08 2026
 Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Wed May 06 08:56:01 2026
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
47) tert-Amyl methyl ether...	5.429	73	8600	0.65	ppb	93
49) Trichloroethylene	5.946	95	9381	0.90	ppb	98
50) Methyl Cyclohexane	6.104	83	9929	0.70	ppb	95
51) Methyl Methacrylate	6.263	69	3181	0.82	ppb	91
52) Dibromomethane	6.299	93	3558	0.85	ppb	98
53) Bromodichloromethane	6.445	83	9507	0.85	ppb	98
54) 1,2-Dichloropropane	6.165	63	8416	0.88	ppb	97
55) 1,4-Dioxane	6.317	88	1218m	20.67	ppb	
56) 2-Nitropropane	6.658	43	4811	4.33	ppb	93
58) cis-1,3-Dichloropropene	6.871	75	8664	0.68	ppb	96
59) 4-Methyl-2-Pentanone	7.005	43	3156	0.75	ppb	# 83
61) Toluene	7.181	91	37430	0.86	ppb	97
62) n-Octane	7.254	85	1718	0.68	ppb	74
63) Ethyl Methacrylate	7.485	69	5821	0.70	ppb	96
64) trans-1,3-Dichloropropene	7.425	75	7003	0.71	ppb	# 54
65) 1,1,2-Trichloroethane	7.613	97	5656	0.92	ppb	93
66) 1,3-Dichloropropane	7.783	76	9456	0.85	ppb	95
67) Tetrachloroethylene	7.741	166	13178	0.79	ppb	96
68) 2-Hexanone	7.856	43	1936	0.65	ppb	# 79
69) n-Butyl Actetate	7.960	43	5091	0.69	ppb	# 94
70) Dibromochloromethane	8.027	129	5295	0.78	ppb	98
71) 1,2-Dibromoethane	8.148	107	4551	0.81	ppb	93
72) Chlorobenzene	8.641	112	23013	0.88	ppb	# 71
73) 1,1,1,2-tetrachloroethane	8.720	131	6310	0.78	ppb	# 67
74) n-Nonane	8.836	57	1511	0.63	ppb	# 91
75) Ethyl Benzene	8.732	91	37572	0.81	ppb	100
76) p- & m-Xylenes	8.860	91	57418	1.66	ppb	97
77) o-Xylene	9.286	91	25954	0.76	ppb	93
78) Styrene	9.310	104	19801	0.71	ppb	97
79) Bromoform	9.542	173	2195	0.65	ppb	92
81) Isopropylbenzene	9.675	105	28632	0.72	ppb	99
83) 1,1,2,2-Tetrachloroethane	10.047	83	6096	0.87	ppb	97
84) Bromobenzene	10.047	77	12768	0.88	ppb	95
85) trans-1,4-Dichloro-2-b...	10.107	53	691	0.56	ppb	# 1
86) 1,2,3-Trichloropropane	10.095	110	1594	0.91	ppb	99
87) n-Propylbenzene	10.132	91	36796	0.79	ppb	99
88) n-Decane	10.314	57	1775m	0.79	ppb	
89) p-Ethyltoluene	10.259	105	28410	0.74	ppb	97
90) 1,3,5-Trimethylbenzene	10.326	105	24020	0.79	ppb	98
91) 2-Chlorotoluene	10.247	91	26228	0.84	ppb	96
92) 4-Chlorotoluene	10.369	91	25829	0.83	ppb	100
93) tert-Butylbenzene	10.679	119	17689	0.75	ppb	99
94) 1,2,4-Trimethylbenzene	10.746	105	22571	0.74	ppb	98
95) sec-Butylbenzene	10.935	105	24747	0.78	ppb	98
96) Limonene	11.032	68	3078	0.65	ppb	# 89
97) 1,3-Dichlorobenzene	11.081	146	14183	0.85	ppb	95
98) p-Isopropyltoluene	11.093	119	19198	0.69	ppb	97
99) 1,4-Dichlorobenzene	11.184	146	13611	0.83	ppb	98
100) 1,2,3-Trimethylbenzene	11.221	105	22188	0.72	ppb	98
101) p-Diethylbenzene	11.525	105	8627	0.62	ppb	92
102) trans-Decahydronapthalene	11.519	138	1811	0.73	ppb	97
103) 1,2-Dichlorobenzene	11.610	146	13124	0.86	ppb	# 87
104) n-Butylbenzene	11.555	91	18541	0.73	ppb	98
105) Hexachloroethane	11.884	119	2717	0.72	ppb	93
106) n-Undecane	11.640	71	597	0.58	ppb	# 94
107) cis-Decahydronapthalene	12.182	138	1201	0.69	ppb	# 86
108) 1,2-Dibromo-3-chloropr...	12.492	75	755	0.82	ppb	# 66

Data Path : C:\msdchem\1\data\V8-05-05-26\
Data File : V8-012701.D
Acq On : 5 May 2026 11:42 pm
Operator : THD
InstName : VOA No. 8
Sample : SEQ-CAL4
Misc :
ALS Vial : 40 Sample Multiplier: 1

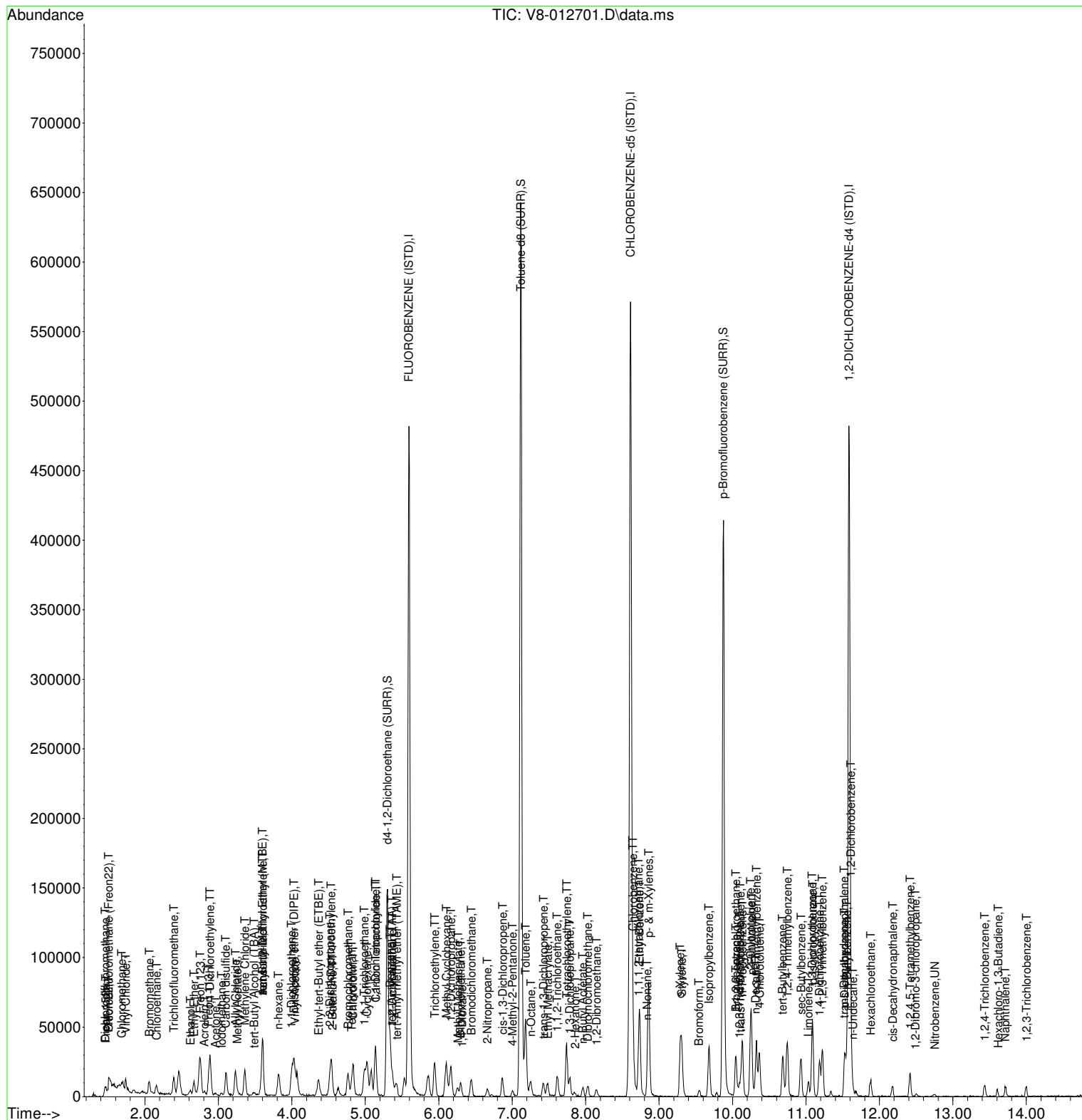
Quant Time: May 06 12:41:08 2026
Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed May 06 08:56:01 2026
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
109)	1,2,4,5-Tetramethylben...	12.419	119	10619	0.50	ppb	96
110)	Nitrobenzene	12.754	77	1904	7.45	ppb #	79
111)	1,2,4-Trichlorobenzene	13.435	180	4051	0.78	ppb	91
112)	Hexachloro-1,3-Butadiene	13.618	225	1380	0.91	ppb	91
113)	Naphthalene	13.709	128	7006	0.56	ppb	98
114)	1,2,3-Trichlorobenzene	14.001	180	3068	0.74	ppb	95

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

Data Path : C:\msdchem\1\data\V8-05-05-26\
Data File : V8-012701.D
Acq On : 5 May 2026 11:42 pm
Operator : THD
InstName : VOA No. 8
Sample : SEQ-CAL4
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: May 06 12:41:08 2026
Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed May 06 08:56:01 2026
Response via : Initial Calibration



Data Path : C:\msdchem\1\data\V8-05-05-26\
 Data File : V8-012702.D
 Acq On : 6 May 2026 12:14 am
 Operator : THD
 InstName : VOA No. 8
 Sample : SEQ-CAL5
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Quant Time: May 06 08:57:06 2026
 Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Wed May 06 08:56:01 2026
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) FLUOROBENZENE (ISTD)	5.593	50	48424	10.00	ppb	0.00
48) CHLOROBENZENE-d5 (ISTD)	8.611	119	123777	10.00	ppb	0.00
80) 1,2-DICHLOROBENZENE-d4...	11.586	152	158996	10.00	ppb	0.00
System Monitoring Compounds						
42) d4-1,2-Dichloroethane ...	5.301	65	109360	9.86	ppb	0.00
Spiked Amount 10.000	Range	69 - 130	Recovery	=	98.60%	
60) Toluene-d8 (SURR)	7.114	98	519303	10.43	ppb	0.00
Spiked Amount 10.000	Range	81 - 117	Recovery	=	104.30%	
82) p-Bromofluorobenzene (...)	9.870	95	170444	10.06	ppb	0.00
Spiked Amount 10.000	Range	79 - 122	Recovery	=	100.60%	
Target Compounds						
					Qvalue	
3) Freon 152a	1.458	65	7322	1.92	ppb	98
4) Dichlorodifluoromethane	1.458	85	12351	2.28	ppb	# 77
5) Freon 22	1.505	67	2826	1.69	ppb	72
6) Chlorodifluoromethane ...	1.505	67	2826	1.69	ppb	72
7) Chloromethane	1.676	50	18730	9.79	ppb	# 30
8) Vinyl Chloride	1.736	62	20001	2.05	ppb	96
9) Bromomethane	2.059	94	12824	2.20	ppb	88
10) Chloroethane	2.156	64	14864	2.17	ppb	97
11) Trichlorofluoromethane	2.394	101	28748	2.06	ppb	99
12) Ethyl Ether	2.661	59	11396	1.73	ppb	# 92
13) Ethanol	2.613	45	9056	91.30	ppb	83
14) Freon 123	2.752	83	28908	1.89	ppb	99
15) 1,1-Dichloroethylene	2.886	61	27359	1.90	ppb	98
16) Freon 113	2.874	101	18451	1.89	ppb	96
17) Acrolein	2.813	56	6231	7.66	ppb	94
18) Acetone	2.965	58	1292	1.94	ppb	64
19) Iodomethane	3.044	142	7032	0.86	ppb	95
20) Carbon disulfide	3.105	76	52520	1.91	ppb	99
21) Allyl Chloride	3.233	41	27689	1.89	ppb	97
22) Methyl Acetate	3.257	43	6477	1.79	ppb	100
23) tert-Butyl Alcohol (TBA)	3.482	59	7535	9.75	ppb	# 83
24) Methylene Chloride	3.355	49	21370	1.94	ppb	97
25) Acrylonitrile	3.604	53	14610	8.97	ppb	98
26) trans-1,2-Dichloroethy...	3.604	61	26984	1.93	ppb	99
27) tert-Butyl Methyl Ethe...	3.592	73	32394	1.69	ppb	98
28) n-hexane	3.823	57	23260	2.03	ppb	98
29) 1,1-Dichloroethane	4.000	63	34492	1.87	ppb	98
30) Vinyl Acetate	4.036	86	1840	1.47	ppb	35
31) Diisopropyl ether (DIPE)	4.024	45	48638	1.84	ppb	99
32) Ethyl-tert-Butyl ether...	4.365	59	25462	1.35	ppb	98
33) cis-1,2-Dichloroethylene	4.535	61	27262	1.81	ppb	99
34) 2-Butanone	4.565	72	1283	1.56	ppb	59
35) 2,2-Dichloropropane	4.517	77	23929	1.89	ppb	98
36) Tetrahydrofuran	4.815	71	5621	8.73	ppb	92
37) Bromochloromethane	4.766	49	11482	1.86	ppb	98
38) Chloroform	4.833	83	35965	1.90	ppb	97
39) 1,1,1-Trichloroethane	4.991	97	29878	1.80	ppb	98
40) Cyclohexane	5.028	56	30306	1.92	ppb	99
41) 1,1-Dichloropropylene	5.137	75	28893	1.92	ppb	98
43) Carbon Tetrachloride	5.137	117	22228	1.71	ppb	99
44) tert-Amyl alcohol (TAA)	5.368	59	5156	9.59	ppb	93
45) 1,2-Dichloroethane	5.368	62	18828	1.85	ppb	98
46) Benzene	5.338	78	83827	1.87	ppb	# 57

Data Path : C:\msdchem\1\data\V8-05-05-26\
 Data File : V8-012702.D
 Acq On : 6 May 2026 12:14 am
 Operator : THD
 InstName : VOA No. 8
 Sample : SEQ-CAL5
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Quant Time: May 06 08:57:06 2026
 Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Wed May 06 08:56:01 2026
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
47) tert-Amyl methyl ether...	5.423	73	17079	1.25	ppb	96
49) Trichloroethylene	5.940	95	20526	1.95	ppb	98
50) Methyl Cyclohexane	6.104	83	27768	1.94	ppb	96
51) Methyl Methacrylate	6.250	69	6659	1.69	ppb	91
52) Dibromomethane	6.299	93	8097	1.91	ppb	96
53) Bromodichloromethane	6.445	83	21984	1.94	ppb	97
54) 1,2-Dichloropropane	6.171	63	18281	1.90	ppb	97
55) 1,4-Dioxane	6.305	88	2194	36.85	ppb	81
56) 2-Nitropropane	6.658	43	9823	8.75	ppb	96
58) cis-1,3-Dichloropropene	6.865	75	21653	1.69	ppb	98
59) 4-Methyl-2-Pentanone	7.011	43	6927	1.62	ppb	# 94
61) Toluene	7.181	91	88690	2.01	ppb	99
62) n-Octane	7.248	85	4760	1.88	ppb	# 87
63) Ethyl Methacrylate	7.479	69	14120	1.68	ppb	100
64) trans-1,3-Dichloropropene	7.419	75	16755	1.69	ppb	# 85
65) 1,1,2-Trichloroethane	7.613	97	11869	1.92	ppb	98
66) 1,3-Dichloropropane	7.784	76	20229	1.81	ppb	98
67) Tetrachloroethylene	7.741	166	30540	1.82	ppb	98
68) 2-Hexanone	7.844	43	5007	1.67	ppb	97
69) n-Butyl Actetate	7.960	43	11746	1.59	ppb	# 93
70) Dibromochloromethane	8.027	129	12266	1.78	ppb	97
71) 1,2-Dibromoethane	8.149	107	10274	1.81	ppb	99
72) Chlorobenzene	8.641	112	51064	1.93	ppb	# 89
73) 1,1,1,2-tetrachloroethane	8.727	131	15344	1.87	ppb	92
74) n-Nonane	8.842	57	4398	1.82	ppb	92
75) Ethyl Benzene	8.733	91	87220	1.85	ppb	99
76) p- & m-Xylenes	8.860	91	130408	3.73	ppb	97
77) o-Xylene	9.292	91	60317	1.74	ppb	100
78) Styrene	9.311	104	48247	1.72	ppb	98
79) Bromoform	9.548	173	5313	1.56	ppb	90
81) Isopropylbenzene	9.676	105	70310	1.76	ppb	98
83) 1,1,2,2-Tetrachloroethane	10.047	83	13156	1.86	ppb	99
84) Bromobenzene	10.041	77	27987	1.92	ppb	98
85) trans-1,4-Dichloro-2-b...	10.095	53	1279	1.03	ppb	# 1
86) 1,2,3-Trichloropropane	10.101	110	3411	1.93	ppb	99
87) n-Propylbenzene	10.132	91	84998	1.82	ppb	99
88) n-Decane	10.296	57	4942	2.18	ppb	91
89) p-Ethyltoluene	10.254	105	67658	1.75	ppb	97
90) 1,3,5-Trimethylbenzene	10.326	105	58169	1.89	ppb	99
91) 2-Chlorotoluene	10.247	91	58224	1.85	ppb	99
92) 4-Chlorotoluene	10.363	91	63080	2.00	ppb	97
93) tert-Butylbenzene	10.685	119	42292	1.76	ppb	97
94) 1,2,4-Trimethylbenzene	10.740	105	55548	1.80	ppb	96
95) sec-Butylbenzene	10.929	105	56718	1.76	ppb	99
96) Limonene	11.038	68	7595	1.58	ppb	97
97) 1,3-Dichlorobenzene	11.081	146	29664	1.76	ppb	96
98) p-Isopropyltoluene	11.087	119	49164	1.76	ppb	97
99) 1,4-Dichlorobenzene	11.184	146	30715	1.85	ppb	99
100) 1,2,3-Trimethylbenzene	11.221	105	54655	1.76	ppb	99
101) p-Diethylbenzene	11.525	105	22996	1.64	ppb	98
102) trans-Decahydronapthalene	11.531	138	4582	1.82	ppb	95
103) 1,2-Dichlorobenzene	11.610	146	28686	1.86	ppb	96
104) n-Butylbenzene	11.555	91	47966	1.86	ppb	95
105) Hexachloroethane	11.878	119	6853	1.80	ppb	94
106) n-Undecane	11.634	71	1320	1.27	ppb	# 87
107) cis-Decahydronapthalene	12.176	138	2847	1.62	ppb	# 84
108) 1,2-Dibromo-3-chloropr...	12.504	75	1807	1.95	ppb	72

Data Path : C:\msdchem\1\data\V8-05-05-26\
 Data File : V8-012702.D
 Acq On : 6 May 2026 12:14 am
 Operator : THD
 InstName : VOA No. 8
 Sample : SEQ-CAL5
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

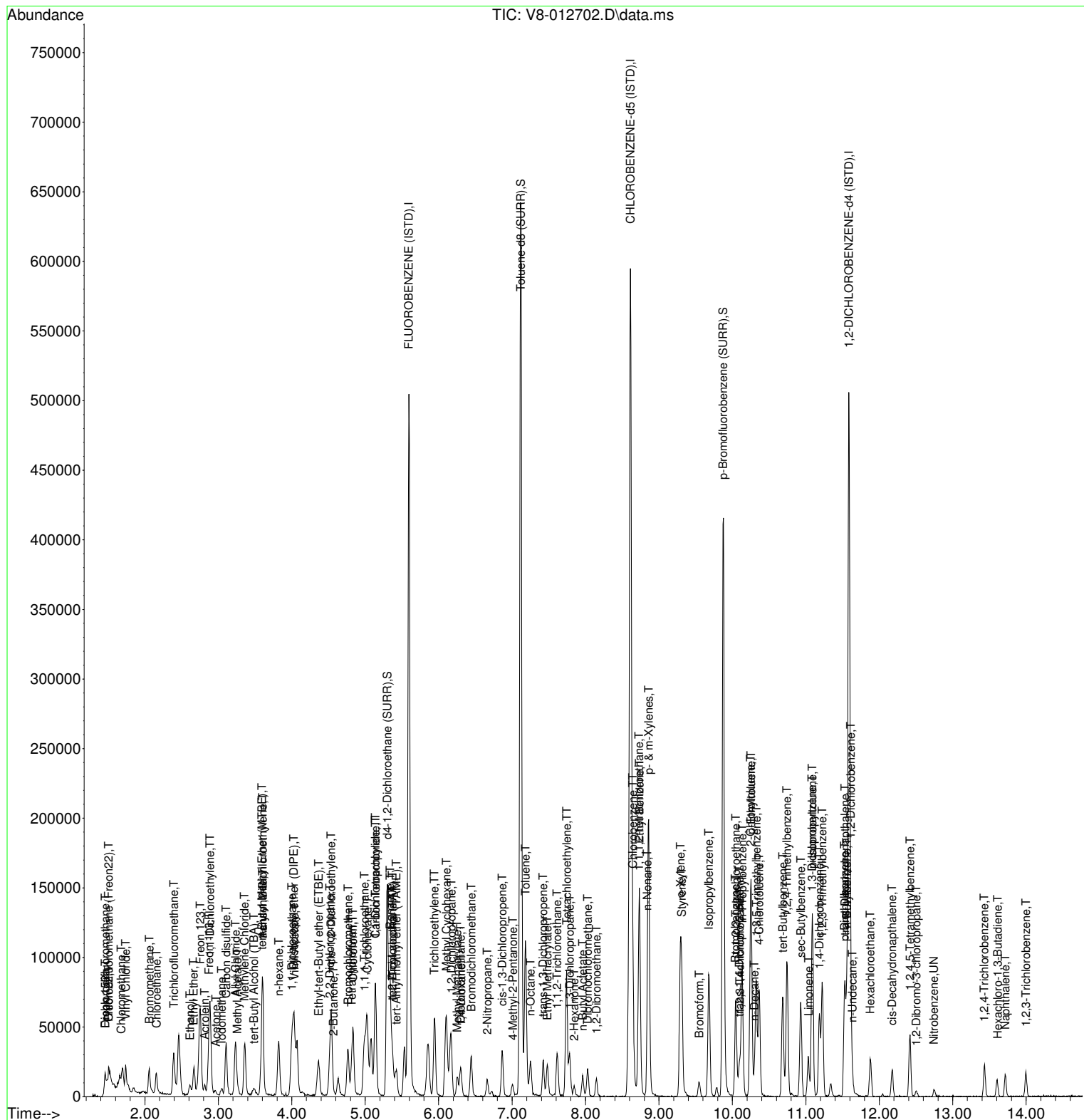
Quant Time: May 06 08:57:06 2026
 Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Wed May 06 08:56:01 2026
 Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
109)	1,2,4,5-Tetramethylben...	12.419	119	29460	1.39	ppb	99
110)	Nitrobenzene	12.742	77	3834	14.86	ppb	94
111)	1,2,4-Trichlorobenzene	13.429	180	8434	1.61	ppb	98
112)	Hexachloro-1,3-Butadiene	13.612	225	3111	2.04	ppb	93
113)	Naphthalene	13.715	128	16743	1.33	ppb	98
114)	1,2,3-Trichlorobenzene	13.995	180	6600	1.58	ppb	93

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

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Data Path   : C:\msdchem\1\data\V8-05-05-26\
Data File  : V8-012702.D
Acq On     : 6 May 2026 12:14 am
Operator   : THD
InstName   : VOA No. 8
Sample     : SEQ-CAL5
Misc       :
ALS Vial   : 41 Sample Multiplier: 1
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Quant Time: May 06 08:57:06 2026
Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed May 06 08:56:01 2026
Response via : Initial Calibration



Data Path : C:\msdchem\1\data\V8-05-05-26\
 Data File : V8-012703.D
 Acq On : 6 May 2026 12:47 am
 Operator : THD
 InstName : VOA No. 8
 Sample : SEQ-CAL6
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Quant Time: May 06 13:00:20 2026
 Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Wed May 06 08:56:01 2026
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) FLUOROBENZENE (ISTD)	5.594	50	50440	10.00	ppb	0.00
48) CHLOROBENZENE-d5 (ISTD)	8.611	119	133380	10.00	ppb	0.00
80) 1,2-DICHLOROBENZENE-d4...	11.586	152	166891	10.00	ppb	0.00
System Monitoring Compounds						
42) d4-1,2-Dichloroethane ...	5.302	65	112025	9.70	ppb	0.00
Spiked Amount 10.000	Range 69	- 130	Recovery	=	97.00%	
60) Toluene-d8 (SURR)	7.114	98	532071	9.91	ppb	0.00
Spiked Amount 10.000	Range 81	- 117	Recovery	=	99.10%	
82) p-Bromofluorobenzene (...)	9.876	95	182867	10.28	ppb	0.00
Spiked Amount 10.000	Range 79	- 122	Recovery	=	102.80%	
Target Compounds						
					Qvalue	
3) Freon 152a	1.470	65	15162	3.81	ppb	100
4) Dichlorodifluoromethane	1.458	85	20503m	3.63	ppb	
5) Freon 22	1.524	67	6551	3.77	ppb	100
6) Chlorodifluoromethane ...	1.524	67	6551	3.77	ppb	100
7) Chloromethane	1.682	50	38305m	19.23	ppb	
8) Vinyl Chloride	1.737	62	40611	4.00	ppb	97
9) Bromomethane	2.059	94	24881	4.10	ppb	92
10) Chloroethane	2.156	64	28336	3.97	ppb	100
11) Trichlorofluoromethane	2.394	101	59946	4.13	ppb	100
12) Ethyl Ether	2.667	59	26319	3.83	ppb	98
13) Ethanol	2.607	45	15339	148.47	ppb	88
14) Freon 123	2.753	83	62372	3.92	ppb	97
15) 1,1-Dichloroethylene	2.886	61	59918	3.99	ppb	97
16) Freon 113	2.868	101	40483	3.98	ppb	98
17) Acrolein	2.813	56	14049	16.59	ppb	99
18) Acetone	2.959	58	2739	3.94	ppb	99
19) Iodomethane	3.045	142	16112	1.88	ppb	99
20) Carbon disulfide	3.105	76	113206	3.96	ppb	99
21) Allyl Chloride	3.233	41	58130	3.80	ppb	96
22) Methyl Acetate	3.257	43	14188	3.76	ppb	97
23) tert-Butyl Alcohol (TBA)	3.489	59	16060	19.95	ppb	# 89
24) Methylene Chloride	3.355	49	44902	3.91	ppb	99
25) Acrylonitrile	3.604	53	33495	19.73	ppb	95
26) trans-1,2-Dichloroethy...	3.598	61	57087	3.93	ppb	97
27) tert-Butyl Methyl Ethe...	3.592	73	76099	3.81	ppb	99
28) n-hexane	3.823	57	51024	4.28	ppb	99
29) 1,1-Dichloroethane	3.994	63	74382	3.86	ppb	99
30) Vinyl Acetate	4.036	86	5201	3.98	ppb	96
31) Diisopropyl ether (DIPE)	4.030	45	104649	3.81	ppb	99
32) Ethyl-tert-Butyl ether...	4.359	59	68160	3.47	ppb	99
33) cis-1,2-Dichloroethylene	4.541	61	61285	3.90	ppb	98
34) 2-Butanone	4.553	72	2804	3.28	ppb	65
35) 2,2-Dichloropropane	4.523	77	53016	4.03	ppb	98
36) Tetrahydrofuran	4.815	71	13440	20.05	ppb	96
37) Bromochloromethane	4.760	49	25656	3.99	ppb	98
38) Chloroform	4.833	83	77611	3.94	ppb	98
39) 1,1,1-Trichloroethane	4.985	97	67222	3.88	ppb	98
40) Cyclohexane	5.028	56	69395	4.22	ppb	97
41) 1,1-Dichloropropylene	5.137	75	62374	3.97	ppb	98
43) Carbon Tetrachloride	5.137	117	52177	3.85	ppb	97
44) tert-Amyl alcohol (TAA)	5.362	59	11374	20.32	ppb	90
45) 1,2-Dichloroethane	5.368	62	42342	4.00	ppb	97
46) Benzene	5.338	78	183204	3.92	ppb	# 92

Data Path : C:\msdchem\1\data\V8-05-05-26\
 Data File : V8-012703.D
 Acq On : 6 May 2026 12:47 am
 Operator : THD
 InstName : VOA No. 8
 Sample : SEQ-CAL6
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Quant Time: May 06 13:00:20 2026
 Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Wed May 06 08:56:01 2026
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) tert-Amyl methyl ether...	5.423	73	44541	3.13	ppb	98
49) Trichloroethylene	5.940	95	45607	4.02	ppb	99
50) Methyl Cyclohexane	6.098	83	61660	3.99	ppb	99
51) Methyl Methacrylate	6.251	69	16105	3.80	ppb	97
52) Dibromomethane	6.299	93	18982	4.16	ppb	97
53) Bromodichloromethane	6.439	83	48289	3.95	ppb	98
54) 1,2-Dichloropropane	6.171	63	40980	3.96	ppb	97
55) 1,4-Dioxane	6.317	88	5163	80.47	ppb	88
56) 2-Nitropropane	6.658	43	24248m	20.05	ppb	
58) cis-1,3-Dichloropropene	6.865	75	49788	3.61	ppb	95
59) 4-Methyl-2-Pentanone	7.005	43	15805	3.44	ppb	# 96
61) Toluene	7.181	91	195049	4.10	ppb	99
62) n-Octane	7.254	85	11868	4.34	ppb	93
63) Ethyl Methacrylate	7.479	69	34440	3.81	ppb	99
64) trans-1,3-Dichloropropene	7.425	75	37982	3.55	ppb	98
65) 1,1,2-Trichloroethane	7.613	97	26731	4.01	ppb	97
66) 1,3-Dichloropropane	7.784	76	48151	3.99	ppb	97
67) Tetrachloroethylene	7.741	166	70641	3.90	ppb	99
68) 2-Hexanone	7.844	43	12307	3.80	ppb	98
69) n-Butyl Actetate	7.966	43	30574	3.83	ppb	99
70) Dibromochloromethane	8.027	129	28269	3.81	ppb	99
71) 1,2-Dibromoethane	8.149	107	24357	3.97	ppb	96
72) Chlorobenzene	8.641	112	114609	4.02	ppb	97
73) 1,1,1,2-tetrachloroethane	8.727	131	33410	3.79	ppb	97
74) n-Nonane	8.836	57	11216	4.31	ppb	98
75) Ethyl Benzene	8.739	91	203817	4.01	ppb	98
76) p- & m-Xylenes	8.854	91	304358	8.09	ppb	98
77) o-Xylene	9.292	91	146332	3.91	ppb	100
78) Styrene	9.311	104	117256	3.88	ppb	98
79) Bromoform	9.542	173	13720	3.73	ppb	97
81) Isopropylbenzene	9.682	105	174144	4.16	ppb	99
83) 1,1,2,2-Tetrachloroethane	10.053	83	31374	4.23	ppb	97
84) Bromobenzene	10.047	77	61222	4.00	ppb	98
85) trans-1,4-Dichloro-2-b...	10.108	53	4539	3.47	ppb	# 43
86) 1,2,3-Trichloropropane	10.095	110	8049	4.33	ppb	95
87) n-Propylbenzene	10.132	91	205354	4.18	ppb	100
88) n-Decane	10.296	57	10639	4.47	ppb	97
89) p-Ethyltoluene	10.260	105	165108	4.07	ppb	100
90) 1,3,5-Trimethylbenzene	10.327	105	137054	4.23	ppb	99
91) 2-Chlorotoluene	10.247	91	134027	4.07	ppb	98
92) 4-Chlorotoluene	10.363	91	137900	4.16	ppb	99
93) tert-Butylbenzene	10.685	119	101901	4.05	ppb	99
94) 1,2,4-Trimethylbenzene	10.746	105	135967	4.19	ppb	98
95) sec-Butylbenzene	10.929	105	144268	4.27	ppb	98
96) Limonene	11.032	68	21155	4.20	ppb	97
97) 1,3-Dichlorobenzene	11.087	146	71176	4.02	ppb	99
98) p-Isopropyltoluene	11.093	119	125085	4.26	ppb	98
99) 1,4-Dichlorobenzene	11.184	146	70661	4.05	ppb	99
100) 1,2,3-Trimethylbenzene	11.221	105	131515	4.04	ppb	97
101) p-Diethylbenzene	11.525	105	56817	3.86	ppb	97
102) trans-Decahydronapthalene	11.531	138	11267	4.26	ppb	91
103) 1,2-Dichlorobenzene	11.610	146	65061	4.02	ppb	95
104) n-Butylbenzene	11.555	91	113705	4.21	ppb	97
105) Hexachloroethane	11.884	119	16263	4.08	ppb	100
106) n-Undecane	11.635	71	4253	3.90	ppb	# 97
107) cis-Decahydronapthalene	12.176	138	7743	4.20	ppb	# 96
108) 1,2-Dibromo-3-chloropr...	12.504	75	3837	3.94	ppb	84

Data Path : C:\msdchem\1\data\V8-05-05-26\
 Data File : V8-012703.D
 Acq On : 6 May 2026 12:47 am
 Operator : THD
 InstName : VOA No. 8
 Sample : SEQ-CAL6
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

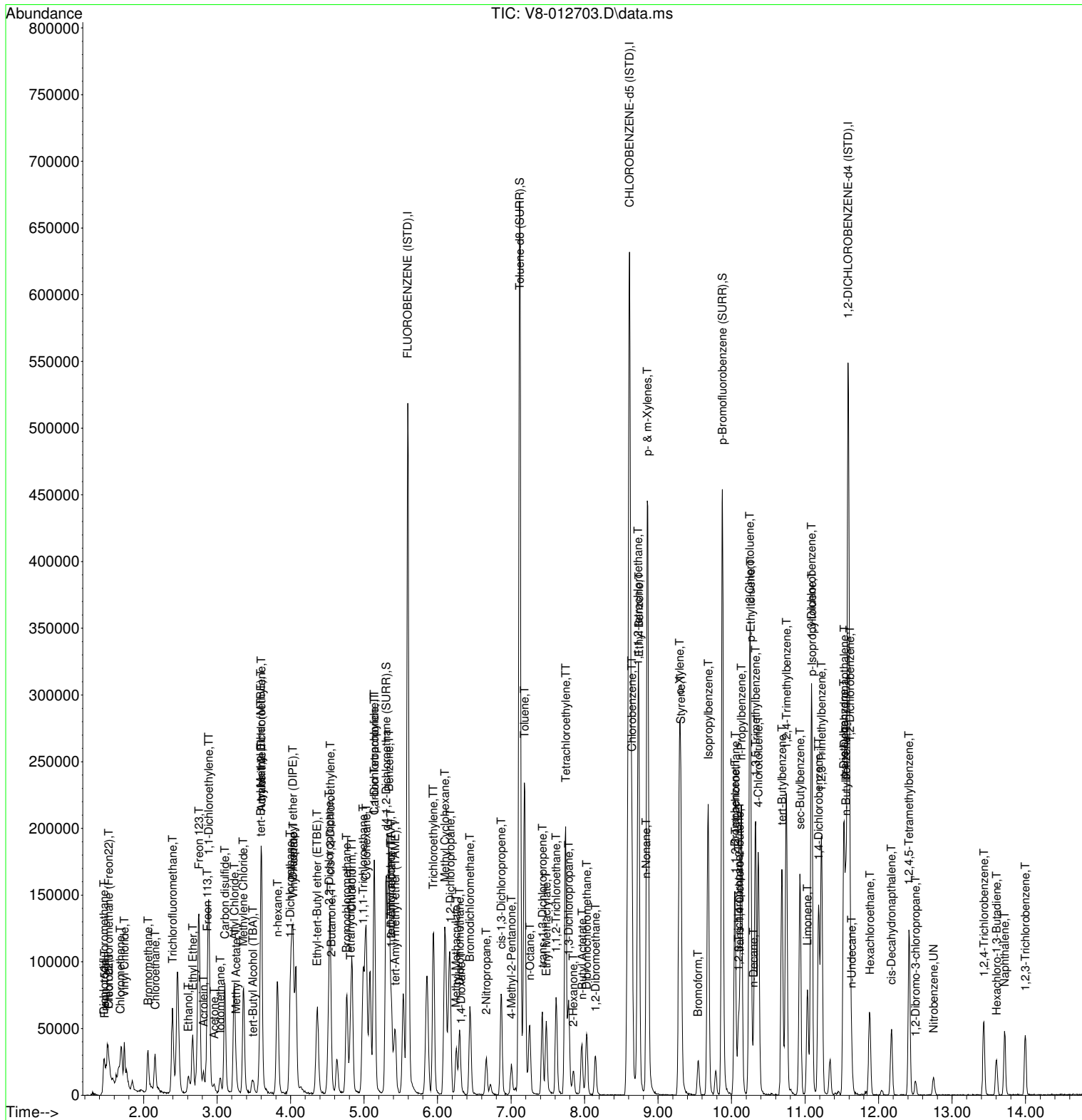
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 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Wed May 06 08:56:01 2026
 Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
109)	1,2,4,5-Tetramethylben...	12.413	119	77862	3.49	ppb	100
110)	Nitrobenzene	12.748	77	9324	34.44	ppb	97
111)	1,2,4-Trichlorobenzene	13.435	180	20701	3.76	ppb	99
112)	Hexachloro-1,3-Butadiene	13.606	225	6504	4.06	ppb	97
113)	Naphthalene	13.715	128	46572	3.54	ppb	100
114)	1,2,3-Trichlorobenzene	13.995	180	15941	3.63	ppb	99

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

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Data Path   : C:\msdchem\1\data\V8-05-05-26\  
Data File  : V8-012703.D  
Acq On     : 6 May 2026 12:47 am  
Operator   : THD  
InstName   : VOA No. 8  
Sample     : SEQ-CAL6  
Misc       :  
ALS Vial   : 42 Sample Multiplier: 1
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Quant Time: May 06 13:00:20 2026
Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed May 06 08:56:01 2026
Response via : Initial Calibration



Data Path : C:\msdchem\1\data\V8-05-05-26\
 Data File : V8-012704.D
 Acq On : 6 May 2026 1:19 am
 Operator : THD
 InstName : VOA No. 8
 Sample : SEQ-CAL7
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Quant Time: May 06 12:10:46 2026
 Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Wed May 06 09:25:42 2026
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) FLUOROBENZENE (ISTD)	5.593	50	47401	10.00	ppb	0.00
48) CHLOROBENZENE-d5 (ISTD)	8.611	119	131120	10.00	ppb	0.00
80) 1,2-DICHLOROBENZENE-d4...	11.586	152	171440	10.00	ppb	0.00
System Monitoring Compounds						
42) d4-1,2-Dichloroethane ...	5.295	65	108547	10.12	ppb	0.00
Spiked Amount 10.000	Range	69 - 130	Recovery	=	101.20%	
60) Toluene-d8 (SURR)	7.120	98	527847	9.91	ppb	0.00
Spiked Amount 10.000	Range	81 - 117	Recovery	=	99.10%	
82) p-Bromofluorobenzene (...)	9.876	95	182692	9.99	ppb	0.00
Spiked Amount 10.000	Range	79 - 122	Recovery	=	99.90%	
Target Compounds						
					Qvalue	
2) Freon 115	1.317	85	501	11.91	ppb	100
3) Freon 152a	1.470	65	37383	11.55	ppb	98
4) Dichlorodifluoromethane	1.458	85	53127	13.47	ppb	100
5) Freon 22	1.505	67	16340	11.90	ppb	100
6) Chlorodifluoromethane ...	1.505	67	16340	11.90	ppb	100
7) Chloromethane	1.669	50	95702m	25.89	ppb	
8) Vinyl Chloride	1.736	62	95443	10.55	ppb	100
9) Bromomethane	2.059	94	57085	10.34	ppb	100
10) Chloroethane	2.156	64	67095	10.17	ppb	100
11) Trichlorofluoromethane	2.393	101	136285	10.21	ppb	100
12) Ethyl Ether	2.667	59	64557	10.38	ppb	100
13) Ethanol	2.612	45	38836	401.68	ppb	100
14) Freon 123	2.752	83	149645	10.42	ppb	100
15) 1,1-Dichloroethylene	2.886	61	141181	10.48	ppb	100
16) Freon 113	2.874	101	95534	10.74	ppb	100
17) Acrolein	2.813	56	31833	41.40	ppb	100
18) Acetone	2.953	58	6525	9.85	ppb	100
19) Iodomethane	3.044	142	80468	12.21	ppb	100
20) Carbon disulfide	3.105	76	268526	10.33	ppb	100
21) Allyl Chloride	3.233	41	143753	10.61	ppb	100
22) Methyl Acetate	3.257	43	35467	10.78	ppb	100
23) tert-Butyl Alcohol (TBA)	3.482	59	37832	49.52	ppb	100
24) Methylene Chloride	3.361	49	107961	10.18	ppb	100
25) Acrylonitrile	3.598	53	79758	55.69	ppb	100
26) trans-1,2-Dichloroethy...	3.604	61	136554	10.23	ppb	100
27) tert-Butyl Methyl Ethe...	3.592	73	187488	10.42	ppb	100
28) n-hexane	3.823	57	112011	10.60	ppb	100
29) 1,1-Dichloroethane	3.999	63	180924	10.43	ppb	100
30) Vinyl Acetate	4.030	86	12267	11.75	ppb	100
31) Diisopropyl ether (DIPE)	4.024	45	258285	10.58	ppb	100
32) Ethyl-tert-Butyl ether...	4.364	59	184399	11.44	ppb	100
33) cis-1,2-Dichloroethylene	4.535	61	147511	10.44	ppb	100
34) 2-Butanone	4.547	72	8045	11.97	ppb	100
35) 2,2-Dichloropropane	4.523	77	123770	10.20	ppb	100
36) Tetrahydrofuran	4.815	71	31499	53.28	ppb	100
37) Bromochloromethane	4.766	49	60476	10.15	ppb	100
38) Chloroform	4.839	83	185047	10.26	ppb	100
39) 1,1,1-Trichloroethane	4.985	97	162807	10.48	ppb	100
40) Cyclohexane	5.021	56	154428	10.51	ppb	100
41) 1,1-Dichloropropylene	5.137	75	147675	10.29	ppb	100
43) Carbon Tetrachloride	5.137	117	127441	10.61	ppb	100
44) tert-Amyl alcohol (TAA)	5.362	59	26301	47.92	ppb	100
45) 1,2-Dichloroethane	5.368	62	99359	10.15	ppb	100

Data Path : C:\msdchem\1\data\V8-05-05-26\
 Data File : V8-012704.D
 Acq On : 6 May 2026 1:19 am
 Operator : THD
 InstName : VOA No. 8
 Sample : SEQ-CAL7
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Quant Time: May 06 12:10:46 2026
 Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Wed May 06 09:25:42 2026
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
46) Benzene	5.338	78	439164	10.33	ppb	100
47) tert-Amyl methyl ether...	5.417	73	133912	10.90	ppb	100
49) Trichloroethylene	5.946	95	111412	10.08	ppb	100
50) Methyl Cyclohexane	6.104	83	151930	10.63	ppb	100
51) Methyl Methacrylate	6.256	69	41680	10.54	ppb	100
52) Dibromomethane	6.293	93	44822	10.29	ppb	100
53) Bromodichloromethane	6.439	83	120314	10.20	ppb	100
54) 1,2-Dichloropropane	6.165	63	101819	10.39	ppb	100
55) 1,4-Dioxane	6.311	88	15769	302.05	ppb	100
56) 2-Nitropropane	6.658	43	62246m	54.84	ppb	
58) cis-1,3-Dichloropropene	6.865	75	135622	10.71	ppb	100
59) 4-Methyl-2-Pentanone	7.005	43	45205	10.93	ppb	# 100
61) Toluene	7.181	91	467516	10.02	ppb	100
62) n-Octane	7.254	85	26852	10.67	ppb	100
63) Ethyl Methacrylate	7.479	69	88819	10.80	ppb	100
64) trans-1,3-Dichloropropene	7.424	75	105300	10.59	ppb	100
65) 1,1,2-Trichloroethane	7.613	97	65450	10.06	ppb	100
66) 1,3-Dichloropropane	7.783	76	118596	10.36	ppb	100
67) Tetrachloroethylene	7.741	166	178125	10.20	ppb	100
68) 2-Hexanone	7.844	43	31819	10.92	ppb	100
69) n-Butyl Actetate	7.960	43	78439	10.89	ppb	100
70) Dibromochloromethane	8.027	129	72871	10.27	ppb	100
71) 1,2-Dibromoethane	8.142	107	60293	10.30	ppb	100
72) Chlorobenzene	8.641	112	279956	10.07	ppb	100
73) 1,1,1,2-tetrachloroethane	8.726	131	86759	10.37	ppb	100
74) n-Nonane	8.842	57	25740m	11.33	ppb	
75) Ethyl Benzene	8.739	91	499448	10.20	ppb	100
76) p- & m-Xylenes	8.860	91	739786	20.34	ppb	100
77) o-Xylene	9.286	91	367704	10.49	ppb	100
78) Styrene	9.310	104	297407	10.62	ppb	100
79) Bromoform	9.548	173	36170	10.59	ppb	100
81) Isopropylbenzene	9.675	105	430230	10.42	ppb	100
83) 1,1,2,2-Tetrachloroethane	10.047	83	76225	10.06	ppb	100
84) Bromobenzene	10.040	77	157091	10.11	ppb	100
85) trans-1,4-Dichloro-2-b...	10.107	53	13425	11.03	ppb	100
86) 1,2,3-Trichloropropane	10.095	110	19102	9.78	ppb	100
87) n-Propylbenzene	10.132	91	504067	10.27	ppb	100
88) n-Decane	10.296	57	24430	10.14	ppb	100
89) p-Ethyltoluene	10.253	105	417039	10.59	ppb	100
90) 1,3,5-Trimethylbenzene	10.326	105	332447	10.21	ppb	100
91) 2-Chlorotoluene	10.247	91	338560	10.15	ppb	100
92) 4-Chlorotoluene	10.363	91	340549	10.21	ppb	100
93) tert-Butylbenzene	10.685	119	258437	10.33	ppb	100
94) 1,2,4-Trimethylbenzene	10.746	105	333583	10.46	ppb	100
95) sec-Butylbenzene	10.929	105	346749	10.12	ppb	100
96) Limonene	11.032	68	51783	9.95	ppb	100
97) 1,3-Dichlorobenzene	11.081	146	181759	10.26	ppb	100
98) p-Isopropyltoluene	11.093	119	301509	10.43	ppb	100
99) 1,4-Dichlorobenzene	11.184	146	179134	10.18	ppb	100
100) 1,2,3-Trimethylbenzene	11.221	105	334141	10.66	ppb	100
101) p-Diethylbenzene	11.525	105	151372	11.03	ppb	100
102) trans-Decahydronapthalene	11.531	138	27141	11.61	ppb	100
103) 1,2-Dichlorobenzene	11.610	146	166235	10.24	ppb	100
104) n-Butylbenzene	11.555	91	277768	10.29	ppb	100
105) Hexachloroethane	11.878	119	40982	10.05	ppb	100
106) n-Undecane	11.634	71	11203	9.41	ppb	# 100
107) cis-Decahydronapthalene	12.176	138	18929	11.29	ppb	# 100

Data Path : C:\msdchem\1\data\V8-05-05-26\
 Data File : V8-012704.D
 Acq On : 6 May 2026 1:19 am
 Operator : THD
 InstName : VOA No. 8
 Sample : SEQ-CAL7
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Quant Time: May 06 12:10:46 2026
 Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Wed May 06 09:25:42 2026
 Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
108)	1,2-Dibromo-3-chloropr...	12.498	75	10013	10.84	ppb	100
109)	1,2,4,5-Tetramethylben...	12.413	119	229160	11.69	ppb	100
110)	Nitrobenzene	12.748	77	27814	105.19	ppb	100
111)	1,2,4-Trichlorobenzene	13.435	180	56505	10.09	ppb	100
112)	Hexachloro-1,3-Butadiene	13.605	225	16445	10.00	ppb	100
113)	Naphthalene	13.715	128	135282	10.65	ppb	100
114)	1,2,3-Trichlorobenzene	13.995	180	45161	10.39	ppb	100

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

Data Path : C:\msdchem\1\data\V8-05-05-26\
 Data File : V8-012705.D
 Acq On : 6 May 2026 1:51 am
 Operator : THD
 InstName : VOA No. 8
 Sample : SEQ-CAL8
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Quant Time: May 06 12:14:36 2026
 Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Wed May 06 08:56:01 2026
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) FLUOROBENZENE (ISTD)	5.593	50	50437	10.00	ppb	0.00
48) CHLOROBENZENE-d5 (ISTD)	8.611	119	140649	10.00	ppb	0.00
80) 1,2-DICHLOROBENZENE-d4...	11.586	152	180996	10.00	ppb	0.00
System Monitoring Compounds						
42) d4-1,2-Dichloroethane ...	5.301	65	115834	10.03	ppb	0.00
Spiked Amount 10.000	Range	69 - 130	Recovery	=	100.30%	
60) Toluene-d8 (SURR)	7.114	98	569974	10.07	ppb	0.00
Spiked Amount 10.000	Range	81 - 117	Recovery	=	100.70%	
82) p-Bromofluorobenzene (...)	9.870	95	195033	10.11	ppb	0.00
Spiked Amount 10.000	Range	79 - 122	Recovery	=	101.10%	
Target Compounds						
					Qvalue	
3) Freon 152a	1.470	65	74026	18.61	ppb	96
4) Dichlorodifluoromethane	1.458	85	90313	15.99	ppb	# 80
5) Freon 22	1.505	67	31884	18.34	ppb	96
6) Chlorodifluoromethane ...	1.505	67	31884	18.34	ppb	96
7) Chloromethane	1.682	50	180561m	90.65	ppb	
8) Vinyl Chloride	1.736	62	196424	19.34	ppb	99
9) Bromomethane	2.059	94	109014	17.95	ppb	98
10) Chloroethane	2.156	64	143234	20.06	ppb	99
11) Trichlorofluoromethane	2.393	101	301212	20.77	ppb	98
12) Ethyl Ether	2.667	59	135322	19.70	ppb	99
13) Ethanol	2.612	45	67533	653.70	ppb	# 98
14) Freon 123	2.752	83	318477	20.00	ppb	99
15) 1,1-Dichloroethylene	2.886	61	293841	19.56	ppb	99
16) Freon 113	2.874	101	200940	19.77	ppb	99
17) Acrolein	2.807	56	62144	73.39	ppb	99
18) Acetone	2.965	58	12240	17.63	ppb	86
19) Iodomethane	3.044	142	191548	22.37	ppb	98
20) Carbon disulfide	3.105	76	549146	19.22	ppb	99
21) Allyl Chloride	3.233	41	290588	19.00	ppb	99
22) Methyl Acetate	3.257	43	68797	18.23	ppb	96
23) tert-Butyl Alcohol (TBA)	3.488	59	78116	97.03	ppb	99
24) Methylene Chloride	3.361	49	220278	19.18	ppb	98
25) Acrylonitrile	3.598	53	171600	101.10	ppb	97
26) trans-1,2-Dichloroethy...	3.604	61	285960	19.68	ppb	99
27) tert-Butyl Methyl Ethe...	3.592	73	417528	20.93	ppb	97
28) n-hexane	3.823	57	230961	19.38	ppb	98
29) 1,1-Dichloroethane	3.999	63	382476	19.87	ppb	100
30) Vinyl Acetate	4.036	86	26262	20.12	ppb	97
31) Diisopropyl ether (DIPE)	4.024	45	537112	19.54	ppb	99
32) Ethyl-tert-Butyl ether...	4.364	59	419615	21.39	ppb	100
33) cis-1,2-Dichloroethylene	4.535	61	309715	19.73	ppb	99
34) 2-Butanone	4.553	72	15179	17.73	ppb	98
35) 2,2-Dichloropropane	4.517	77	265473	20.16	ppb	98
36) Tetrahydrofuran	4.809	71	68915	102.81	ppb	92
37) Bromochloromethane	4.766	49	127397	19.80	ppb	99
38) Chloroform	4.839	83	392748	19.95	ppb	99
39) 1,1,1-Trichloroethane	4.985	97	346465	20.00	ppb	99
40) Cyclohexane	5.028	56	329418	20.05	ppb	99
41) 1,1-Dichloropropylene	5.137	75	311882	19.85	ppb	99
43) Carbon Tetrachloride	5.137	117	282959	20.87	ppb	100
44) tert-Amyl alcohol (TAA)	5.362	59	64816	115.80	ppb	91
45) 1,2-Dichloroethane	5.368	62	210122	19.87	ppb	99
46) Benzene	5.338	78	927539	19.85	ppb	96

Data Path : C:\msdchem\1\data\V8-05-05-26\
 Data File : V8-012705.D
 Acq On : 6 May 2026 1:51 am
 Operator : THD
 InstName : VOA No. 8
 Sample : SEQ-CAL8
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Quant Time: May 06 12:14:36 2026
 Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Wed May 06 08:56:01 2026
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
47) tert-Amyl methyl ether...	5.417	73	336309	23.60	ppb	99
49) Trichloroethylene	5.946	95	240948	20.16	ppb	99
50) Methyl Cyclohexane	6.104	83	336956	20.68	ppb	99
51) Methyl Methacrylate	6.256	69	91986	20.57	ppb	96
52) Dibromomethane	6.299	93	93535	19.45	ppb	99
53) Bromodichloromethane	6.445	83	260683	20.20	ppb	99
54) 1,2-Dichloropropane	6.165	63	211939	19.41	ppb	98
55) 1,4-Dioxane	6.311	88	28439	420.32	ppb	93
56) 2-Nitropropane	6.664	43	136116	106.74	ppb	100
58) cis-1,3-Dichloropropene	6.865	75	304187	20.91	ppb	99
59) 4-Methyl-2-Pentanone	7.005	43	101397	20.91	ppb	# 99
61) Toluene	7.181	91	1018610	20.31	ppb	100
62) n-Octane	7.254	85	65115	22.61	ppb	98
63) Ethyl Methacrylate	7.479	69	200030	21.00	ppb	99
64) trans-1,3-Dichloropropene	7.424	75	238804	21.14	ppb	95
65) 1,1,2-Trichloroethane	7.613	97	142439	20.29	ppb	97
66) 1,3-Dichloropropane	7.783	76	252610	19.86	ppb	99
67) Tetrachloroethylene	7.741	166	395887	20.72	ppb	99
68) 2-Hexanone	7.844	43	70812	20.75	ppb	96
69) n-Butyl Actetate	7.960	43	169170	20.11	ppb	98
70) Dibromochloromethane	8.027	129	164011	20.98	ppb	99
71) 1,2-Dibromoethane	8.142	107	133233	20.60	ppb	100
72) Chlorobenzene	8.641	112	604630	20.13	ppb	97
73) 1,1,1,2-tetrachloroethane	8.726	131	190841	20.51	ppb	99
74) n-Nonane	8.836	57	67132	24.49	ppb	99
75) Ethyl Benzene	8.732	91	1103685	20.60	ppb	100
76) p- & m-Xylenes	8.860	91	1638123	41.29	ppb	100
77) o-Xylene	9.286	91	823783	20.89	ppb	99
78) Styrene	9.310	104	668237	20.95	ppb	99
79) Bromoform	9.548	173	81842	21.09	ppb	97
81) Isopropylbenzene	9.681	105	982809	21.64	ppb	100
83) 1,1,2,2-Tetrachloroethane	10.047	83	158772	19.73	ppb	99
84) Bromobenzene	10.040	77	339504	20.47	ppb	97
85) trans-1,4-Dichloro-2-b...	10.101	53	29908	21.10	ppb	94
86) 1,2,3-Trichloropropane	10.095	110	44640	22.14	ppb	92
87) n-Propylbenzene	10.132	91	1135972	21.35	ppb	100
88) n-Decane	10.296	57	80991	31.40	ppb	93
89) p-Ethyltoluene	10.253	105	913480	20.75	ppb	100
90) 1,3,5-Trimethylbenzene	10.326	105	738399	21.04	ppb	98
91) 2-Chlorotoluene	10.247	91	743073	20.79	ppb	100
92) 4-Chlorotoluene	10.363	91	743165	20.67	ppb	99
93) tert-Butylbenzene	10.685	119	601503	22.05	ppb	100
94) 1,2,4-Trimethylbenzene	10.746	105	741921	21.07	ppb	100
95) sec-Butylbenzene	10.929	105	807806	22.07	ppb	99
96) Limonene	11.032	68	137413	25.14	ppb	97
97) 1,3-Dichlorobenzene	11.087	146	390525	20.35	ppb	98
98) p-Isopropyltoluene	11.093	119	677259	21.28	ppb	99
99) 1,4-Dichlorobenzene	11.184	146	391820	20.72	ppb	99
100) 1,2,3-Trimethylbenzene	11.221	105	735377	20.85	ppb	99
101) p-Diethylbenzene	11.525	105	332205	20.79	ppb	# 83
102) trans-Decahydronapthalene	11.531	138	69425	24.23	ppb	95
103) 1,2-Dichlorobenzene	11.610	146	351184	20.01	ppb	99
104) n-Butylbenzene	11.555	91	632806	21.58	ppb	# 86
105) Hexachloroethane	11.884	119	97284	22.48	ppb	96
106) n-Undecane	11.634	71	61572	52.06	ppb	# 94
107) cis-Decahydronapthalene	12.176	138	50891	25.47	ppb	# 96
108) 1,2-Dibromo-3-chloropr...	12.504	75	22381	21.17	ppb	95

Data Path : C:\msdchem\1\data\V8-05-05-26\
Data File : V8-012705.D
Acq On : 6 May 2026 1:51 am
Operator : THD
InstName : VOA No. 8
Sample : SEQ-CAL8
Misc :
ALS Vial : 44 Sample Multiplier: 1

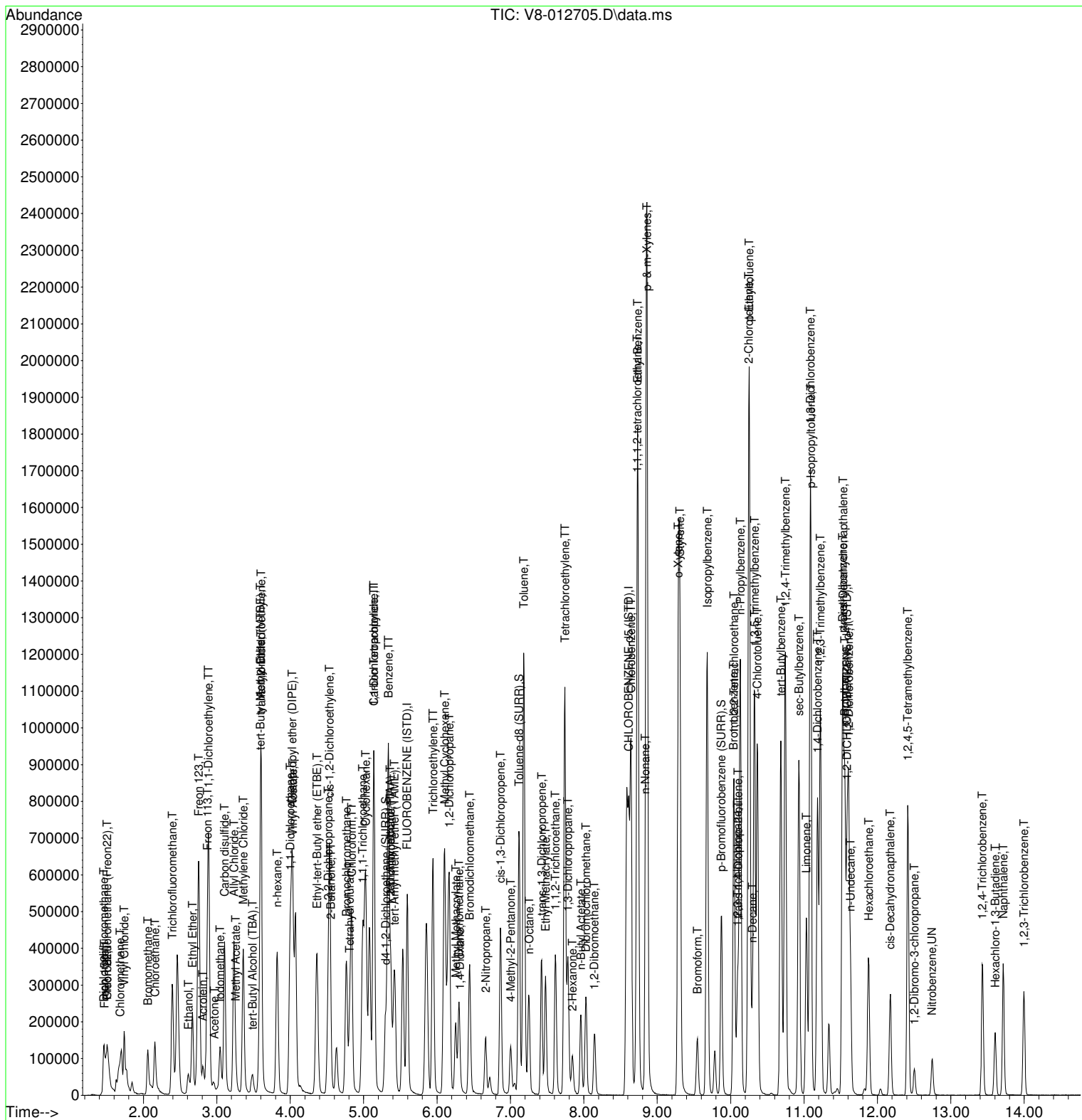
Quant Time: May 06 12:14:36 2026
Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed May 06 08:56:01 2026
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
109)	1,2,4,5-Tetramethylben...	12.413	119	499730	20.66	ppb	99
110)	Nitrobenzene	12.742	77	67055	228.36	ppb	98
111)	1,2,4-Trichlorobenzene	13.429	180	132639	22.23	ppb	99
112)	Hexachloro-1,3-Butadiene	13.605	225	37472	21.58	ppb	97
113)	Naphthalene	13.715	128	330663	23.15	ppb	99
114)	1,2,3-Trichlorobenzene	13.995	180	106020	22.24	ppb	99

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

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Data Path   : C:\msdchem\1\data\V8-05-05-26\  
Data File  : V8-012705.D  
Acq On     : 6 May 2026    1:51 am  
Operator   : THD  
InstName   : VOA No. 8  
Sample     : SEQ-CAL8  
Misc       :  
ALS Vial   : 44    Sample Multiplier: 1
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Quant Time: May 06 12:14:36 2026
Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed May 06 08:56:01 2026
Response via : Initial Calibration



Data Path : C:\msdchem\1\data\V8-05-05-26\
 Data File : V8-012706.D
 Acq On : 6 May 2026 2:23 am
 Operator : THD
 InstName : VOA No. 8
 Sample : SEQ-CAL9
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Quant Time: May 06 12:19:25 2026
 Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Wed May 06 08:56:01 2026
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) FLUOROBENZENE (ISTD)	5.593	50	50394	10.00	ppb	0.00
48) CHLOROBENZENE-d5 (ISTD)	8.611	119	146090	10.00	ppb	0.00
80) 1,2-DICHLOROBENZENE-d4...	11.586	152	198902	10.00	ppb	0.00
System Monitoring Compounds						
42) d4-1,2-Dichloroethane ...	5.301	65	116889	10.13	ppb	0.00
Spiked Amount 10.000	Range	69 - 130	Recovery	=	101.30%	
60) Toluene-d8 (SURR)	7.114	98	586676	9.98	ppb	0.00
Spiked Amount 10.000	Range	81 - 117	Recovery	=	99.80%	
82) p-Bromofluorobenzene (...)	9.876	95	206796	9.76	ppb	0.00
Spiked Amount 10.000	Range	79 - 122	Recovery	=	97.60%	
Target Compounds						
					Qvalue	
2) Freon 115	1.317	85	2995	56.23	ppb	56
3) Freon 152a	1.470	65	164096	41.29	ppb	97
4) Dichlorodifluoromethane	1.458	85	294486m	52.18	ppb	
5) Freon 22	1.511	67	71848	41.36	ppb	100
6) Chlorodifluoromethane ...	1.511	67	71848	41.36	ppb	100
7) Chloromethane	1.682	50	430758m	216.45	ppb	
8) Vinyl Chloride	1.736	62	490239	48.31	ppb	100
9) Bromomethane	2.059	94	239429m	39.45	ppb	
10) Chloroethane	2.156	64	242852	34.05	ppb	97
11) Trichlorofluoromethane	2.393	101	682946	47.14	ppb	100
12) Ethyl Ether	2.667	59	290399	42.31	ppb	98
13) Ethanol	2.606	45	142482	1380.37	ppb	98
14) Freon 123	2.752	83	676806	42.54	ppb	99
15) 1,1-Dichloroethylene	2.886	61	644573	42.94	ppb	99
16) Freon 113	2.874	101	437837	43.11	ppb	98
17) Acrolein	2.807	56	77143	91.18	ppb	92
18) Acetone	2.959	58	22500	32.43	ppb	81
19) Iodomethane	3.044	142	501362	58.61	ppb	98
20) Carbon disulfide	3.105	76	1255854	43.99	ppb	99
21) Allyl Chloride	3.233	41	622361	40.72	ppb	98
22) Methyl Acetate	3.251	43	137314	36.42	ppb	93
23) tert-Butyl Alcohol (TBA)	3.482	59	177345	220.46	ppb	97
24) Methylene Chloride	3.361	49	471686	41.10	ppb	97
25) Acrylonitrile	3.598	53	357249	210.66	ppb	97
26) trans-1,2-Dichloroethy...	3.604	61	618609	42.61	ppb	98
27) tert-Butyl Methyl Ethe...	3.592	73	870561	43.68	ppb	97
28) n-hexane	3.817	57	549229	46.12	ppb	97
29) 1,1-Dichloroethane	3.999	63	811910	42.21	ppb	99
30) Vinyl Acetate	4.030	86	53396	40.94	ppb	95
31) Diisopropyl ether (DIPE)	4.024	45	1125658	40.99	ppb	97
32) Ethyl-tert-Butyl ether...	4.358	59	884291	45.11	ppb	99
33) cis-1,2-Dichloroethylene	4.535	61	664213	42.35	ppb	99
34) 2-Butanone	4.553	72	31423	36.74	ppb	92
35) 2,2-Dichloropropane	4.523	77	571710	43.45	ppb	97
36) Tetrahydrofuran	4.809	71	143164	213.75	ppb	97
37) Bromochloromethane	4.766	49	269754	41.96	ppb	99
38) Chloroform	4.833	83	824882	41.93	ppb	100
39) 1,1,1-Trichloroethane	4.985	97	753949	43.56	ppb	99
40) Cyclohexane	5.028	56	716047	43.61	ppb	99
41) 1,1-Dichloropropylene	5.137	75	685447	43.66	ppb	99
43) Carbon Tetrachloride	5.137	117	634450	46.83	ppb	98
44) tert-Amyl alcohol (TAA)	5.362	59	136674	244.40	ppb	90
45) 1,2-Dichloroethane	5.368	62	442290	41.87	ppb	100

Data Path : C:\msdchem\1\data\V8-05-05-26\
 Data File : V8-012706.D
 Acq On : 6 May 2026 2:23 am
 Operator : THD
 InstName : VOA No. 8
 Sample : SEQ-CAL9
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Quant Time: May 06 12:19:25 2026
 Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Wed May 06 08:56:01 2026
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
46) Benzene	5.338	78	1966857	42.13	ppb	97
47) tert-Amyl methyl ether...	5.417	73	735675	51.67	ppb	97
49) Trichloroethylene	5.946	95	524385	42.24	ppb	99
50) Methyl Cyclohexane	6.104	83	765976	45.25	ppb	99
51) Methyl Methacrylate	6.256	69	198145	42.67	ppb	98
52) Dibromomethane	6.299	93	204465	40.94	ppb	99
53) Bromodichloromethane	6.445	83	571402	42.63	ppb	99
54) 1,2-Dichloropropane	6.165	63	455063	40.11	ppb	98
55) 1,4-Dioxane	6.311	88	65919	937.98	ppb	93
56) 2-Nitropropane	6.664	43	296282	223.69	ppb	98
58) cis-1,3-Dichloropropene	6.865	75	666169	44.09	ppb	98
59) 4-Methyl-2-Pentanone	7.005	43	206135	40.93	ppb	# 97
61) Toluene	7.181	91	2196099	42.16	ppb	100
62) n-Octane	7.254	85	152407	50.94	ppb	99
63) Ethyl Methacrylate	7.479	69	429481	43.40	ppb	97
64) trans-1,3-Dichloropropene	7.424	75	532419	45.38	ppb	94
65) 1,1,2-Trichloroethane	7.613	97	307902	42.22	ppb	96
66) 1,3-Dichloropropane	7.783	76	548410	41.50	ppb	99
67) Tetrachloroethylene	7.741	166	905300	45.62	ppb	99
68) 2-Hexanone	7.844	43	143044	40.35	ppb	98
69) n-Butyl Actetate	7.960	43	376400	43.07	ppb	98
70) Dibromochloromethane	8.027	129	367378	45.25	ppb	99
71) 1,2-Dibromoethane	8.148	107	292918	43.60	ppb	100
72) Chlorobenzene	8.641	112	1319067	42.29	ppb	97
73) 1,1,1,2-tetrachloroethane	8.726	131	429594	44.44	ppb	99
74) n-Nonane	8.842	57	196253	68.92	ppb	98
75) Ethyl Benzene	8.739	91	2455490	44.13	ppb	99
76) p- & m-Xylenes	8.860	91	3642420	88.38	ppb	99
77) o-Xylene	9.292	91	1831673	44.71	ppb	100
78) Styrene	9.310	104	1498699	45.23	ppb	98
79) Bromoform	9.548	173	192053	47.66	ppb	97
81) Isopropylbenzene	9.681	105	2227777	44.63	ppb	99
83) 1,1,2,2-Tetrachloroethane	10.053	83	353940	40.02	ppb	98
84) Bromobenzene	10.040	77	766542	42.06	ppb	98
85) trans-1,4-Dichloro-2-b...	10.101	53	70874	45.50	ppb	85
86) 1,2,3-Trichloropropane	10.095	110	98426	44.41	ppb	95
87) n-Propylbenzene	10.132	91	2563796	43.84	ppb	99
88) n-Decane	10.296	57	374147	132.01	ppb	94
89) p-Ethyltoluene	10.253	105	2094525	43.29	ppb	100
90) 1,3,5-Trimethylbenzene	10.326	105	1684752	43.68	ppb	98
91) 2-Chlorotoluene	10.247	91	1692840	43.10	ppb	99
92) 4-Chlorotoluene	10.369	91	1662590	42.08	ppb	99
93) tert-Butylbenzene	10.685	119	1391100	46.40	ppb	99
94) 1,2,4-Trimethylbenzene	10.746	105	1686126	43.57	ppb	99
95) sec-Butylbenzene	10.929	105	1881406	46.77	ppb	99
96) Limonene	11.032	68	330472	55.01	ppb	98
97) 1,3-Dichlorobenzene	11.087	146	919655	43.61	ppb	99
98) p-Isopropyltoluene	11.093	119	1588399	45.41	ppb	99
99) 1,4-Dichlorobenzene	11.184	146	902972	43.45	ppb	99
100) 1,2,3-Trimethylbenzene	11.221	105	1652992	42.64	ppb	100
101) p-Diethylbenzene	11.525	105	785966	44.75	ppb	96
102) trans-Decahydronapthalene	11.531	138	165009	52.40	ppb	94
103) 1,2-Dichlorobenzene	11.610	146	806101	41.80	ppb	98
104) n-Butylbenzene	11.555	91	1467309	45.53	ppb	99
105) Hexachloroethane	11.878	119	238840	50.23	ppb	96
106) n-Undecane	11.634	71	277115	213.21	ppb	# 96
107) cis-Decahydronapthalene	12.176	138	126861	57.77	ppb	# 94

Data Path : C:\msdchem\1\data\V8-05-05-26\
 Data File : V8-012706.D
 Acq On : 6 May 2026 2:23 am
 Operator : THD
 InstName : VOA No. 8
 Sample : SEQ-CAL9
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Quant Time: May 06 12:19:25 2026
 Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Wed May 06 08:56:01 2026
 Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
108)	1,2-Dibromo-3-chloropr...	12.504	75	50035	43.07	ppb	96
109)	1,2,4,5-Tetramethylben...	12.413	119	1178630	44.35	ppb	100
110)	Nitrobenzene	12.748	77	166493	515.95	ppb	97
111)	1,2,4-Trichlorobenzene	13.435	180	320758	48.93	ppb	99
112)	Hexachloro-1,3-Butadiene	13.605	225	91904	48.17	ppb	97
113)	Naphthalene	13.715	128	801921	51.09	ppb	99
114)	1,2,3-Trichlorobenzene	13.995	180	251059	47.92	ppb	98

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

Data Path : C:\msdchem\1\data\V8-05-05-26\
 Data File : V8-012707.D
 Acq On : 6 May 2026 2:55 am
 Operator : THD
 InstName : VOA No. 8
 Sample : SEQ-CALA
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Quant Time: May 06 12:29:51 2026
 Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Wed May 06 08:56:01 2026
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
Internal Standards						
1) FLUOROBENZENE (ISTD)	5.593	50	59194	10.00	ppb	0.00
48) CHLOROBENZENE-d5 (ISTD)	8.611	119	159412	10.00	ppb	# 0.00
80) 1,2-DICHLOROBENZENE-d4...	11.586	152	212393	10.00	ppb	0.00
System Monitoring Compounds						
42) d4-1,2-Dichloroethane ...	5.301	65	122035	9.00	ppb	0.00
Spiked Amount 10.000	Range	69 - 130	Recovery	=	90.00%	
60) Toluene-d8 (SURR)	7.120	98	629315	9.81	ppb	0.00
Spiked Amount 10.000	Range	81 - 117	Recovery	=	98.10%	
82) p-Bromofluorobenzene (...)	9.876	95	215383	9.52	ppb	0.00
Spiked Amount 10.000	Range	79 - 122	Recovery	=	95.20%	
Target Compounds						
2) Freon 115	1.317	85	11596	185.34	ppb	Qvalue # 67
3) Freon 152a	1.452	65	356375	76.34	ppb	97
4) Dichlorodifluoromethane	1.458	85	600745	90.62	ppb	98
5) Freon 22	1.499	67	151910	74.45	ppb	100
6) Chlorodifluoromethane ...	1.499	67	151910	74.45	ppb	100
7) Chloromethane	1.669	50	869493	371.96	ppb	# 32
8) Vinyl Chloride	1.736	62	1041489	87.38	ppb	99
9) Bromomethane	2.053	94	620371	87.02	ppb	99
10) Chloroethane	2.156	64	532903	63.60	ppb	98
11) Trichlorofluoromethane	2.393	101	1437030	84.44	ppb	100
12) Ethyl Ether	2.661	59	621333	77.07	ppb	97
13) Ethanol	2.612	45	321861	2654.63	ppb	95
14) Freon 123	2.752	83	1476458	79.01	ppb	99
15) 1,1-Dichloroethylene	2.886	61	1395341	79.14	ppb	97
16) Freon 113	2.874	101	937649	78.59	ppb	98
17) Acrolein	2.807	56	170792	171.85	ppb	99
18) Acetone	2.953	58	46006	56.46	ppb	90
19) Iodomethane	3.044	142	1236665	123.07	ppb	98
20) Carbon disulfide	3.105	76	2751233	82.04	ppb	100
21) Allyl Chloride	3.233	41	1295670	72.18	ppb	95
22) Methyl Acetate	3.251	43	291081	65.72	ppb	93
23) tert-Butyl Alcohol (TBA)	3.482	59	402765	426.26	ppb	95
24) Methylene Chloride	3.361	49	996028	73.88	ppb	95
25) Acrylonitrile	3.598	53	753169	378.09	ppb	97
26) trans-1,2-Dichloroethy...	3.604	61	1354782	79.45	ppb	97
27) tert-Butyl Methyl Ethe...	3.592	73	1878410	80.23	ppb	97
28) n-hexane	3.823	57	1122593	80.25	ppb	96
29) 1,1-Dichloroethane	3.999	63	1759364	77.87	ppb	99
30) Vinyl Acetate	4.030	86	113059	73.80	ppb	95
31) Diisopropyl ether (DIPE)	4.024	45	2368611	73.44	ppb	95
32) Ethyl-tert-Butyl ether...	4.358	59	1872605	81.32	ppb	98
33) cis-1,2-Dichloroethylene	4.541	61	1437249	78.02	ppb	99
34) 2-Butanone	4.547	72	64827	64.53	ppb	99
35) 2,2-Dichloropropane	4.523	77	1271705	82.28	ppb	96
36) Tetrahydrofuran	4.808	71	311203	395.57	ppb	93
37) Bromochloromethane	4.766	49	563002	74.55	ppb	94
38) Chloroform	4.833	83	1826764	79.05	ppb	99
39) 1,1,1-Trichloroethane	4.985	97	1684249	82.84	ppb	98
40) Cyclohexane	5.027	56	1481774	76.84	ppb	98
41) 1,1-Dichloropropylene	5.137	75	1501739	81.43	ppb	97
43) Carbon Tetrachloride	5.137	117	1444475	90.76	ppb	98
44) tert-Amyl alcohol (TAA)	5.362	59	277785	422.88	ppb	96
45) 1,2-Dichloroethane	5.368	62	965101	77.78	ppb	100

Data Path : C:\msdchem\1\data\V8-05-05-26\
 Data File : V8-012707.D
 Acq On : 6 May 2026 2:55 am
 Operator : THD
 InstName : VOA No. 8
 Sample : SEQ-CALA
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Quant Time: May 06 12:29:51 2026
 Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Wed May 06 08:56:01 2026
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
46) Benzene	5.338	78	4326510	78.89	ppb	98
47) tert-Amyl methyl ether...	5.417	73	1604347	95.94	ppb	97
49) Trichloroethylene	5.946	95	1181851	87.25	ppb	97
50) Methyl Cyclohexane	6.104	83	1627428	88.11	ppb	99
51) Methyl Methacrylate	6.256	69	431696	85.19	ppb	96
52) Dibromomethane	6.299	93	449283	82.45	ppb	98
53) Bromodichloromethane	6.439	83	1265172	86.49	ppb	99
54) 1,2-Dichloropropane	6.165	63	997983	80.62	ppb	97
55) 1,4-Dioxane	6.311	88	156269	2037.78	ppb	96
56) 2-Nitropropane	6.664	43	638472	441.76	ppb	98
58) cis-1,3-Dichloropropene	6.865	75	1487112m	90.19	ppb	
59) 4-Methyl-2-Pentanone	7.005	43	435286	79.20	ppb	# 95
61) Toluene	7.181	91	4873390	85.74	ppb	100
62) n-Octane	7.248	85	304531	93.28	ppb	98
63) Ethyl Methacrylate	7.479	69	926492	85.80	ppb	97
64) trans-1,3-Dichloropropene	7.424	75	1172210	91.56	ppb	94
65) 1,1,2-Trichloroethane	7.619	97	675309	84.87	ppb	95
66) 1,3-Dichloropropane	7.783	76	1168968	81.07	ppb	98
67) Tetrachloroethylene	7.741	166	2089926	96.51	ppb	99
68) 2-Hexanone	7.844	43	298720	77.22	ppb	95
69) n-Butyl Actetate	7.960	43	797413	83.62	ppb	97
70) Dibromochloromethane	8.027	129	816933	92.21	ppb	98
71) 1,2-Dibromoethane	8.148	107	637323	86.94	ppb	99
72) Chlorobenzene	8.641	112	2931716	86.14	ppb	96
73) 1,1,1,2-tetrachloroethane	8.732	131	988470	93.71	ppb	99
74) n-Nonane	8.842	57	437832	140.90	ppb	97
75) Ethyl Benzene	8.738	91	5383580	88.66	ppb	98
76) p- & m-Xylenes	8.860	91	8010293	178.12	ppb	98
77) o-Xylene	9.292	91	4054208	90.69	ppb	99
78) Styrene	9.310	104	3313701	91.65	ppb	97
79) Bromoform	9.548	173	435594	99.06	ppb	97
81) Isopropylbenzene	9.681	105	4844468	90.89	ppb	99
83) 1,1,2,2-Tetrachloroethane	10.053	83	754144	79.86	ppb	98
84) Bromobenzene	10.040	77	1663421	85.47	ppb	95
85) trans-1,4-Dichloro-2-b...	10.101	53	161097	96.86	ppb	# 45
86) 1,2,3-Trichloropropane	10.095	110	208677	88.18	ppb	98
87) n-Propylbenzene	10.132	91	5502218	88.11	ppb	99
88) n-Decane	10.296	57	735049	242.86	ppb	95
89) p-Ethyltoluene	10.259	105	4664844	90.29	ppb	99
90) 1,3,5-Trimethylbenzene	10.326	105	3633905	88.23	ppb	97
91) 2-Chlorotoluene	10.247	91	3707252	88.39	ppb	98
92) 4-Chlorotoluene	10.369	91	3638653	86.24	ppb	99
93) tert-Butylbenzene	10.685	119	3006215	93.89	ppb	98
94) 1,2,4-Trimethylbenzene	10.746	105	3689678	89.28	ppb	99
95) sec-Butylbenzene	10.935	105	4029617	93.80	ppb	99
96) Limonene	11.032	68	697681	108.75	ppb	98
97) 1,3-Dichlorobenzene	11.087	146	2059191	91.45	ppb	98
98) p-Isopropyltoluene	11.093	119	3466601	92.81	ppb	99
99) 1,4-Dichlorobenzene	11.184	146	2001183	90.17	ppb	99
100) 1,2,3-Trimethylbenzene	11.227	105	3597780	86.91	ppb	99
101) p-Diethylbenzene	11.525	105	1717032	91.56	ppb	96
102) trans-Decahydronapthalene	11.531	138	343489	102.15	ppb	93
103) 1,2-Dichlorobenzene	11.610	146	1784094	86.63	ppb	98
104) n-Butylbenzene	11.555	91	3102670	90.16	ppb	97
105) Hexachloroethane	11.878	119	539960	106.35	ppb	96
106) n-Undecane	11.634	71	486711	350.68	ppb	# 98
107) cis-Decahydronapthalene	12.176	138	263708	112.45	ppb	# 94

Data Path : C:\msdchem\1\data\V8-05-05-26\
 Data File : V8-012707.D
 Acq On : 6 May 2026 2:55 am
 Operator : THD
 InstName : VOA No. 8
 Sample : SEQ-CALA
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

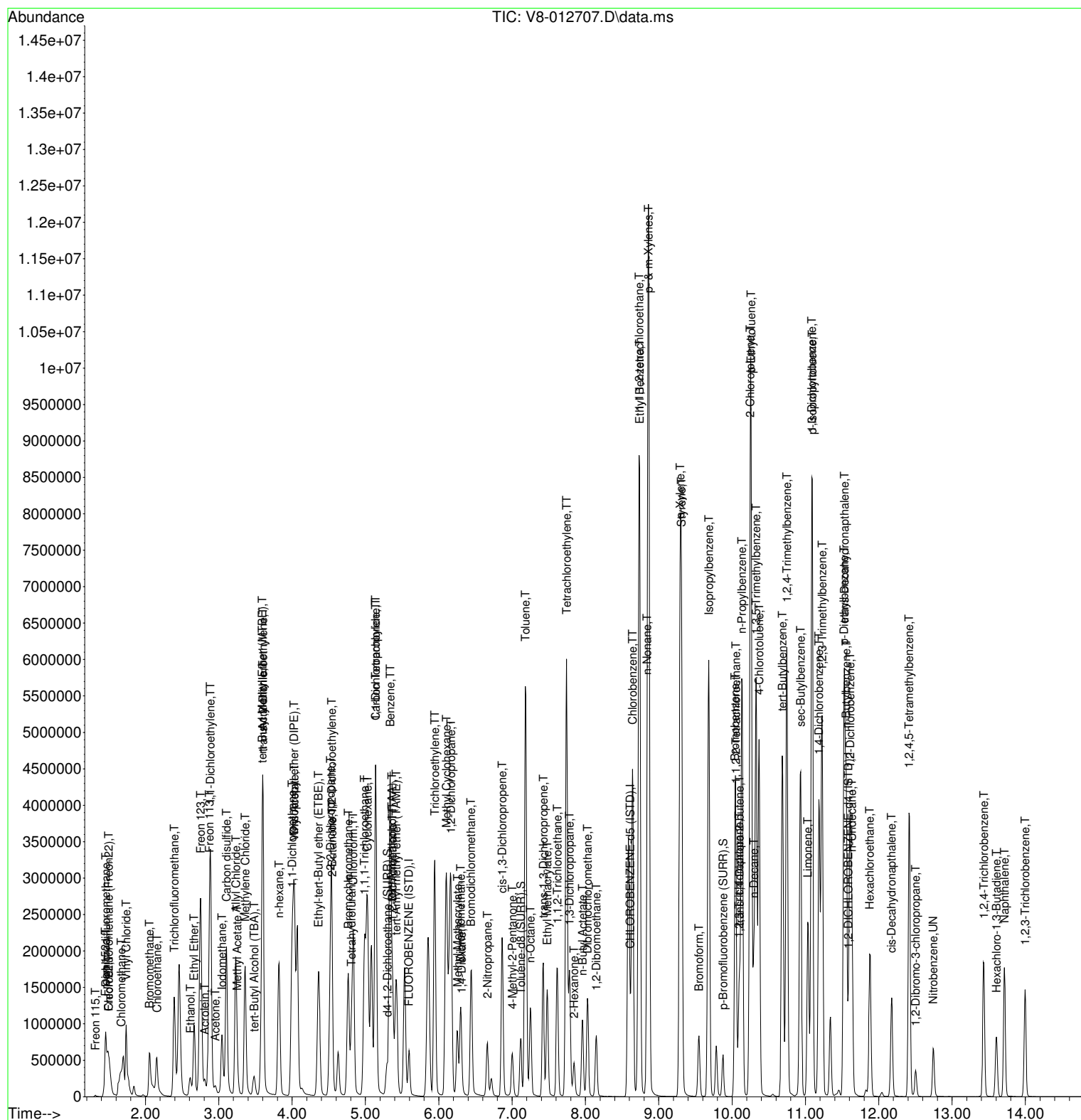
Quant Time: May 06 12:29:51 2026
 Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Wed May 06 08:56:01 2026
 Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
108)	1,2-Dibromo-3-chloropr...	12.504	75	112745	90.89	ppb	98
109)	1,2,4,5-Tetramethylben...	12.413	119	2570301	90.57	ppb	99
110)	Nitrobenzene	12.741	77	425116	1233.72	ppb	95
111)	1,2,4-Trichlorobenzene	13.435	180	715789	102.25	ppb	99
112)	Hexachloro-1,3-Butadiene	13.605	225	193540	95.00	ppb	97
113)	Naphthalene	13.715	128	1731068	103.29	ppb	99
114)	1,2,3-Trichlorobenzene	13.995	180	545178	97.44	ppb	98

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

Data Path : C:\msdchem\1\data\V8-05-05-26\
Data File : V8-012707.D
Acq On : 6 May 2026 2:55 am
Operator : THD
InstName : VOA No. 8
Sample : SEQ-CALA
Misc :
ALS Vial : 46 Sample Multiplier: 1

Quant Time: May 06 12:29:51 2026
Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed May 06 08:56:01 2026
Response via : Initial Calibration



SECOND-SOURCE ICV/SCV CALIBRATION VERIFICATION

EPA 8260D

Laboratory: ALS Environmental - Stratford

SDG: 26E0163

Client: Hydro Tech Environmental

Project: 230051 - 170 Freeman Street, Brooklyn

Calibration: SE60011

Laboratory ID: S6E0801-SCV1

Sequence: S6E0801

Standard ID: S26D531

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DIFF	QC LIMIT
1,1,1,2-Tetrachloroethane	10.0	10.6	5.5	30.00
1,1,1-Trichloroethane	10.0	10.4	3.9	30.00
1,1,2,2-Tetrachloroethane	10.0	9.60	-4.0	30.00
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	9.86	-1.4	30.00
1,1,2-Trichloroethane	10.0	10.4	3.7	30.00
1,1-Dichloroethane	10.0	10.4	4.1	30.00
1,1-Dichloroethylene	10.0	10.3	2.6	30.00
1,2,3-Trichlorobenzene	10.0	10.5	5.2	30.00
1,2,3-Trichloropropane	10.0	10.4	3.6	30.00
1,2,4-Trichlorobenzene	10.0	9.82	-1.8	30.00
1,2,4-Trimethylbenzene	10.0	10.8	7.5	30.00
1,2-Dibromo-3-chloropropane	10.0	9.39	-6.1	30.00
1,2-Dibromoethane	10.0	10.6	6.1	30.00
1,2-Dichlorobenzene	10.0	10.3	3.3	30.00
1,2-Dichloroethane	10.0	10.1	1.3	30.00
1,2-Dichloropropane	10.0	10.4	4.4	30.00
1,3,5-Trimethylbenzene	10.0	10.6	6.2	30.00
1,3-Dichlorobenzene	10.0	10.5	5.2	30.00
1,4-Dichlorobenzene	10.0	10.5	4.6	30.00
2-Butanone	10.0	9.92	-0.8	30.00
2-Hexanone	10.0	10.1	0.9	30.00
4-Methyl-2-pentanone	10.0	10.5	4.6	30.00
Acetone	10.0	9.18	-8.2	30.00
Acrolein	40.0	26.1	-34.7 *	30.00
Acrylonitrile	10.0	11.4	14.1	30.00

SECOND-SOURCE ICV/SCV CALIBRATION VERIFICATION

EPA 8260D

Laboratory: ALS Environmental - Stratford

SDG: 26E0163

Client: Hydro Tech Environmental

Project: 230051 - 170 Freeman Street, Brooklyn

Calibration: SE60011

Laboratory ID: S6E0801-SCV1

Sequence: S6E0801

Standard ID: S26D531

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DIFF	QC LIMIT
Benzene	10.0	10.4	4.4	30.00
Bromochloromethane	10.0	9.92	-0.8	30.00
Bromodichloromethane	10.0	10.0	0.4	30.00
Bromoform	10.0	9.18	-8.2	30.00
Bromomethane	10.0	14.1	41.3 *	30.00
Carbon disulfide	10.0	10.8	8.0	30.00
Carbon tetrachloride	10.0	10.9	8.7	30.00
Chlorobenzene	10.0	10.1	1.4	30.00
Chloroethane	10.0	11.9	18.6	30.00
Chloroform	10.0	10.5	4.9	30.00
Chloromethane	10.0	14.5	45.0 *	30.00
cis-1,2-Dichloroethylene	10.0	10.3	3.4	30.00
cis-1,3-Dichloropropylene	10.0	10.6	5.6	30.00
Cyclohexane	10.0	8.83	-11.7	30.00
Dibromochloromethane	10.0	10.5	4.8	30.00
Dibromomethane	10.0	10.0	0.2	30.00
Dichlorodifluoromethane	10.0	21.6	116 *	30.00
Ethyl Benzene	10.0	10.4	4.3	30.00
Hexachlorobutadiene	10.0	11.4	14.5	30.00
Isopropylbenzene	10.0	11.2	12.2	30.00
Methyl acetate	10.0	8.85	-11.5	30.00
Methyl tert-butyl ether (MTBE)	10.0	10.2	1.9	30.00
Methylcyclohexane	10.0	7.81	-21.9	30.00
Methylene chloride	10.0	9.65	-3.5	30.00
n-Butylbenzene	10.0	10.1	1.0	30.00

SECOND-SOURCE ICV/SCV CALIBRATION VERIFICATION

EPA 8260D

Laboratory: ALS Environmental - Stratford

SDG: 26E0163

Client: Hydro Tech Environmental

Project: 230051 - 170 Freeman Street, Brooklyn

Calibration: SE60011

Laboratory ID: S6E0801-SCV1

Sequence: S6E0801

Standard ID: S26D531

ANALYTE	EXPECTED (ug/L)	FOUND (ug/L)	% DIFF	QC LIMIT
n-Propylbenzene	10.0	10.7	6.6	30.00
o-Xylene	10.0	10.7	7.0	30.00
p- & m- Xylenes	20.0	20.8	4.1	30.00
p-Isopropyltoluene	10.0	9.65	-3.5	30.00
sec-Butylbenzene	10.0	10.5	5.3	30.00
Styrene	10.0	10.8	8.5	30.00
tert-Butyl alcohol (TBA)	50.0	46.7	-6.6	30.00
tert-Butylbenzene	10.0	10.8	7.5	30.00
Tetrachloroethylene	10.0	6.12	-38.8 *	30.00
Toluene	10.0	10.2	1.5	30.00
trans-1,2-Dichloroethylene	10.0	10.3	2.9	30.00
trans-1,3-Dichloropropylene	10.0	10.2	2.1	30.00
trans-1,4-dichloro-2-butene	10.0	8.72	-12.8	30.00
Trichloroethylene	10.0	10.1	1.3	30.00
Trichlorofluoromethane	10.0	11.2	11.5	30.00
Vinyl Chloride	10.0	11.8	17.7	30.00

* Values outside of QC limits

Data Path : C:\msdchem\1\data\V8-05-05-26\
 Data File : V8-012709.D
 Acq On : 6 May 2026 4:00 am
 Operator : THD
 InstName : VOA No. 8
 Sample : SEQ-SCV1
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Quant Time: May 06 13:43:52 2026
 Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Wed May 06 13:26:55 2026
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) FLUOROBENZENE (ISTD)	5.593	50	54976	10.00	ppb	0.00
48) CHLOROBENZENE-d5 (ISTD)	8.611	119	153768	10.00	ppb	0.00
80) 1,2-DICHLOROBENZENE-d4...	11.586	152	194786	10.00	ppb	0.00
System Monitoring Compounds						
42) d4-1,2-Dichloroethane ...	5.301	65	125787	10.11	ppb	0.00
Spiked Amount 10.000	Range	69 - 130	Recovery	=	101.10%	
60) Toluene-d8 (SURR)	7.114	98	633725	10.15	ppb	0.00
Spiked Amount 10.000	Range	81 - 117	Recovery	=	101.50%	
82) p-Bromofluorobenzene (...)	9.876	95	213366	10.27	ppb	0.00
Spiked Amount 10.000	Range	79 - 122	Recovery	=	102.70%	
Target Compounds						
					Qvalue	
2) Freon 115	1.317	85	7316m	125.91	ppb	
3) Freon 152a	1.464	65	58805	13.28	ppb	50
4) Dichlorodifluoromethane	1.458	85	126728	21.55	ppb	# 79
5) Freon 22	1.505	67	38105	21.47	ppb	72
6) Chlorodifluoromethane ...	1.505	67	38105	21.47	ppb	72
7) Chloromethane	1.682	50	147770	14.50	ppb	# 18
8) Vinyl Chloride	1.736	62	148805	11.77	ppb	99
9) Bromomethane	2.053	94	94056	14.13	ppb	97
10) Chloroethane	2.156	64	90740	11.86	ppb	98
11) Trichlorofluoromethane	2.393	101	172504	11.15	ppb	98
12) Ethyl Ether	2.661	59	143232	19.86	ppb	96
14) Freon 123	2.752	83	163649	9.82	ppb	99
15) 1,1-Dichloroethylene	2.886	61	160241	10.26	ppb	99
16) Freon 113	2.874	101	101651	9.86	ppb	98
17) Acrolein	2.813	56	23848	26.13	ppb	98
18) Acetone	2.953	58	6343	9.18	ppb	91
19) Iodomethane	3.044	142	74313	6.58	ppb	99
20) Carbon disulfide	3.105	76	325489	10.80	ppb	100
21) Allyl Chloride	3.233	41	139021	8.85	ppb	87
22) Methyl Acetate	3.257	43	33771	8.85	ppb	91
23) tert-Butyl Alcohol (TBA)	3.482	59	41397	46.72	ppb	95
24) Methylene Chloride	3.361	49	118663	9.65	ppb	94
25) Acrylonitrile	3.598	53	19912	11.41	ppb	96
26) trans-1,2-Dichloroethy...	3.604	61	159188	10.29	ppb	97
27) tert-Butyl Methyl Ethe...	3.592	73	212641	10.19	ppb	97
28) n-hexane	3.823	57	110007	8.90	ppb	97
29) 1,1-Dichloroethane	3.993	63	209368	10.41	ppb	99
30) Vinyl Acetate	4.030	86	13087	9.81	ppb	95
31) Diisopropyl ether (DIPE)	4.024	45	271010	9.57	ppb	95
32) Ethyl-tert-Butyl ether...	4.364	59	196557	10.52	ppb	97
33) cis-1,2-Dichloroethylene	4.535	61	169505	10.34	ppb	99
34) 2-Butanone	4.553	72	7736	9.92	ppb	78
35) 2,2-Dichloropropane	4.523	77	137666	9.78	ppb	98
36) Tetrahydrofuran	4.809	71	7824	11.18	ppb	99
37) Bromochloromethane	4.766	49	68555	9.92	ppb	95
38) Chloroform	4.833	83	219332	10.49	ppb	99
39) 1,1,1-Trichloroethane	4.985	97	187208	10.39	ppb	98
40) Cyclohexane	5.028	56	150516	8.83	ppb	99
41) 1,1-Dichloropropylene	5.137	75	171182	10.28	ppb	100
43) Carbon Tetrachloride	5.137	117	151372	10.87	ppb	98
44) tert-Amyl alcohol (TAA)	5.362	59	43072	67.66	ppb	96
45) 1,2-Dichloroethane	5.368	62	115015	10.13	ppb	99
46) Benzene	5.338	78	514946	10.44	ppb	98

Data Path : C:\msdchem\1\data\V8-05-05-26\
 Data File : V8-012709.D
 Acq On : 6 May 2026 4:00 am
 Operator : THD
 InstName : VOA No. 8
 Sample : SEQ-SCV1
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Quant Time: May 06 13:43:52 2026
 Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Wed May 06 13:26:55 2026
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
47) tert-Amyl methyl ether...	5.423	73	144654	7.46	ppb	98
49) Trichloroethylene	5.946	95	131276	10.13	ppb	98
50) Methyl Cyclohexane	6.104	83	151616	7.81	ppb	89
51) Methyl Methacrylate	6.256	69	49210	10.61	ppb	92
52) Dibromomethane	6.299	93	51172	10.02	ppb	95
53) Bromodichloromethane	6.445	83	138870	10.04	ppb	99
54) 1,2-Dichloropropane	6.165	63	119992	10.44	ppb	99
55) 1,4-Dioxane	6.311	88	17604	273.57	ppb	92
56) 2-Nitropropane	6.664	43	12413	9.28	ppb	91
58) cis-1,3-Dichloropropene	6.865	75	156967	10.56	ppb	98
59) 4-Methyl-2-Pentanone	7.005	43	50756	10.46	ppb	# 100
61) Toluene	7.181	91	555492	10.15	ppb	100
62) n-Octane	7.248	85	28709	9.73	ppb	98
63) Ethyl Methacrylate	7.479	69	103608	10.74	ppb	100
64) trans-1,3-Dichloropropene	7.424	75	119055	10.21	ppb	99
65) 1,1,2-Trichloroethane	7.613	97	79092	10.37	ppb	96
66) 1,3-Dichloropropane	7.783	76	134009	9.98	ppb	99
67) Tetrachloroethylene	7.741	166	125419	6.12	ppb	99
68) 2-Hexanone	7.844	43	34496	10.09	ppb	96
69) n-Butyl Actetate	7.960	43	82832	9.80	ppb	97
70) Dibromochloromethane	8.027	129	87159	10.48	ppb	99
71) 1,2-Dibromoethane	8.148	107	72845	10.61	ppb	99
72) Chlorobenzene	8.641	112	330658	10.14	ppb	96
73) 1,1,1,2-tetrachloroethane	8.726	131	103543	10.55	ppb	99
74) n-Nonane	8.842	57	26556	8.72	ppb	93
75) Ethyl Benzene	8.732	91	599064	10.43	ppb	99
76) p- & m-Xylenes	8.860	91	888041	20.82	ppb	99
77) o-Xylene	9.286	91	439654	10.70	ppb	99
78) Styrene	9.310	104	356577	10.85	ppb	98
79) Bromoform	9.548	173	42400	9.18	ppb	99
81) Isopropylbenzene	9.681	105	526175	11.22	ppb	99
83) 1,1,2,2-Tetrachloroethane	10.046	83	82608	9.60	ppb	100
84) Bromobenzene	10.040	77	182565	10.34	ppb	98
85) trans-1,4-Dichloro-2-b...	10.101	53	13917	8.72	ppb	86
86) 1,2,3-Trichloropropane	10.095	110	22993	10.36	ppb	96
87) n-Propylbenzene	10.132	91	594463	10.66	ppb	100
88) n-Decane	10.296	57	24202	8.46	ppb	94
89) p-Ethyltoluene	10.259	105	452673	10.11	ppb	100
90) 1,3,5-Trimethylbenzene	10.320	105	392667	10.62	ppb	99
91) 2-Chlorotoluene	10.247	91	387758	10.24	ppb	98
92) 4-Chlorotoluene	10.363	91	396894	10.47	ppb	99
93) tert-Butylbenzene	10.685	119	305592	10.75	ppb	99
94) 1,2,4-Trimethylbenzene	10.746	105	389594	10.75	ppb	100
95) sec-Butylbenzene	10.929	105	409671	10.53	ppb	99
96) Limonene	11.032	68	49618	6.57	ppb	99
97) 1,3-Dichlorobenzene	11.081	146	211888	10.52	ppb	99
98) p-Isopropyltoluene	11.093	119	356791	9.65	ppb	99
99) 1,4-Dichlorobenzene	11.184	146	209265	10.46	ppb	99
100) 1,2,3-Trimethylbenzene	11.221	105	372301	10.45	ppb	99
101) p-Diethylbenzene	11.525	105	163682	8.99	ppb	98
102) trans-Decahydronapthalene	11.531	138	30242	9.58	ppb	95
103) 1,2-Dichlorobenzene	11.610	146	190608	10.33	ppb	99
104) n-Butylbenzene	11.555	91	310007	10.10	ppb	98
106) n-Undecane	11.634	71	10791	8.50	ppb	84
107) cis-Decahydronapthalene	12.176	138	23147	10.34	ppb	# 96
108) 1,2-Dibromo-3-chloropr...	12.498	75	11007	9.39	ppb	96
109) 1,2,4,5-Tetramethylben...	12.419	119	241117	8.83	ppb	99

Data Path : C:\msdchem\1\data\V8-05-05-26\
Data File : V8-012709.D
Acq On : 6 May 2026 4:00 am
Operator : THD
InstName : VOA No. 8
Sample : SEQ-SCV1
Misc :
ALS Vial : 48 Sample Multiplier: 1

Quant Time: May 06 13:43:52 2026
Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Wed May 06 13:26:55 2026
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
110) Nitrobenzene	12.748	77	5321	16.51	ppb	96
111) 1,2,4-Trichlorobenzene	13.435	180	70855	9.82	ppb	97
112) Hexachloro-1,3-Butadiene	13.605	225	21394	11.45	ppb	97
113) Naphthalene	13.715	128	176180	9.68	ppb	98
114) 1,2,3-Trichlorobenzene	13.995	180	60868	10.52	ppb	98

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

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory: ALS Environmental - StratfordSDG: 26E0163Client: Hydro Tech EnvironmentalProject: 230051 - 170 Freeman Street, BrooklynInstrument ID: VOA No. 8Calibration: SE60011Lab File ID: V8-012827.DCalibration Date: 05/05/26 11:01Sequence: S6E0904Injection Date: 05/09/26Lab Sample ID: S6E0904-CCV1Injection Time: 01:19

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	0.6381527	0.6672402		4.6	20	
1,1,1-Trichloroethane	A	10.0	9.47	3.276622	3.103405	0.1	-5.3	20	
1,1,2,2-Tetrachloroethane	A	10.0	10.3	0.4418847	0.4567863	0.3	3.4	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	10.0	8.89	1.87606	1.667155	0.1	-11.1	20	
1,1,2-Trichloroethane	A	10.0	10.4	0.4960646	0.518557	0.1	4.5	20	
1,1-Dichloroethane	A	10.0	10.2	3.658093	3.721083	0.2	1.7	20	
1,1-Dichloroethylene	A	10.0	10.2	2.841945	2.91161	0.1	2.5	20	
1,2,3-Trichlorobenzene	A	10.0	7.79	0.2534647	0.2304953		-22.1	20	*
1,2,3-Trichloropropane	A	10.0	11.1	0.113886	0.126324		10.9	20	
1,2,4-Trichlorobenzene	A	10.0	7.59	0.3265506	0.2798773	0.2	-14.3	20	
1,2,4-Trimethylbenzene	A	10.0	10.8	1.860041	2.005028		7.8	20	
1,2-Dibromo-3-chloropropane	A	10.0	9.93	5.389324E-02	5.979369E-02	0.05	-0.7	20	
1,2-Dibromoethane	A	10.0	10.6	0.4464901	0.4743189	0.1	6.2	20	
1,2-Dichlorobenzene	A	10.0	10.4	0.9471316	0.9892093	0.4	4.4	20	
1,2-Dichloroethane	A	10.0	10.0	2.06564	2.072204	0.1	0.3	20	
1,2-Dichloropropane	A	10.0	10.2	0.7475159	0.7630309	0.1	2.1	20	
1,3,5-Trimethylbenzene	A	10.0	10.5	1.898961	1.990003		4.8	20	
1,3-Dichlorobenzene	A	10.0	10.6	1.033619	1.101188	0.6	6.5	20	
1,4-Dichlorobenzene	A	10.0	10.6	1.026693	1.093417	0.5	6.5	20	
2-Butanone	A	10.0	9.37	0.1418281	0.1328686	0.1	-6.3	20	
2-Hexanone	A	10.0	10.2	0.2222764	0.2273922	0.1	2.3	20	
4-Methyl-2-pentanone	A	10.0	11.0	0.315457	0.3471031	0.1	10.0	20	
Acetone	A	10.0	10.3	0.1397137	0.1294127	0.1	3.3	20	
Acrolein	A	25.0	18.8	0.1660011	0.1248282		-24.8	20	*
Acrylonitrile	A	50.0	54.3	0.3175373	0.3449117		8.6	20	
Benzene	A	10.0	9.92	8.967924	8.896204	0.5	-0.8	20	
Bromochloromethane	A	10.0	10.2	1.256442	1.286707		2.4	20	
Bromodichloromethane	A	10.0	10.5	0.8996694	0.9461557	0.2	5.2	20	
Bromoform	A	10.0	9.43	0.2603737	0.2832207	0.1	-5.7	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory: ALS Environmental - StratfordSDG: 26E0163Client: Hydro Tech EnvironmentalProject: 230051 - 170 Freeman Street, BrooklynInstrument ID: VOA No. 8Calibration: SE60011Lab File ID: V8-012827.DCalibration Date: 05/05/26 11:01Sequence: S6E0904Injection Date: 05/09/26Lab Sample ID: S6E0904-CCV1Injection Time: 01:19

COMPOUND	TYPE	CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		Q
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Bromomethane	A	10.0	4.62	1.210501	0.5593955	0.1	-53.8	20 *	
Carbon disulfide	A	10.0	9.67	5.482989	5.302093	0.1	-3.3	20	
Carbon tetrachloride	A	10.0	9.67	2.533474	2.450269	0.1	-3.3	20	
Chlorobenzene	A	10.0	10.1	2.120462	2.14861	0.5	1.3	20	
Chloroethane	A	10.0	8.55	1.391366	1.189804	0.1	-14.5	20	
Chloroform	A	10.0	9.62	3.805024	3.66038	0.2	-3.8	20	
Chloromethane	A	10.0	10.8	1.853881	2.011988	0.1	8.5	20	
cis-1,2-Dichloroethylene	A	10.0	10.0	2.98211	2.982095	0.1	-0.0005	20	
cis-1,3-Dichloropropylene	A	10.0	10.7	0.9663	1.03685	0.2	7.3	20	
Cyclohexane	A	10.0	9.43	3.099637	2.924399	0.1	-5.7	20	
Dibromochloromethane	A	10.0	10.7	0.5410021	0.5795474	0.1	7.1	20	
Dibromomethane	A	10.0	10.6	0.3321009	0.3508153		5.6	20	
Dichlorodifluoromethane	A	10.0	10.8	1.120685	0.914226	0.1	-18.4	20	
Ethyl Benzene	A	10.0	10.4	3.736217	3.888453	0.1	4.1	20	
Hexachlorobutadiene	A	10.0	7.09	9.595927E-02	6.807615E-02		-29.1	20 *	
Isopropylbenzene	A	10.0	11.2	2.407236	2.706812	0.1	12.4	20	
Methyl acetate	A	10.0	9.86	0.6939408	0.6839659	0.1	-1.4	20	
Methyl tert-butyl ether (MTBE)	A	10.0	10.6	3.79625	4.027745	0.1	6.1	20	
Methylcyclohexane	A	10.0	8.13	1.090313	1.026395	0.1	-18.7	20	
Methylene chloride	A	10.0	10.1	2.237527	2.260895	0.1	1.0	20	
n-Butylbenzene	A	10.0	8.81	1.575157	1.387369		-11.9	20	
n-Propylbenzene	A	10.0	10.7	2.861789	3.065646		7.1	20	
o-Xylene	A	10.0	10.8	2.672102	2.878671	0.3	7.7	20	
p- & m- Xylenes	A	20.0	20.6	2.773362	2.857449	0.1	3.0	20	
p-Isopropyltoluene	A	10.0	8.64	1.685435	1.637172		-2.9	20	
sec-Butylbenzene	A	10.0	9.65	1.998156	1.92781		-3.5	20	
Styrene	A	10.0	10.9	2.136489	2.329765	0.3	9.0	20	
tert-Butyl alcohol (TBA)	A	50.0	45.2	0.1611645	0.1455951		-9.7	20	
tert-Butylbenzene	A	10.0	10.6	1.458914	1.547881		6.1	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory: ALS Environmental - StratfordSDG: 26E0163Client: Hydro Tech EnvironmentalProject: 230051 - 170 Freeman Street, BrooklynInstrument ID: VOA No. 8Calibration: SE60011Lab File ID: V8-012827.DCalibration Date: 05/05/26 11:01Sequence: S6E0904Injection Date: 05/09/26Lab Sample ID: S6E0904-CCV1Injection Time: 01:19

COMPOUND	TYPE	CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		Q
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Tetrachloroethylene	A	10.0	11.7	1.33221	1.554426	0.2	16.7	20	
Toluene	A	10.0	10.3	3.559594	3.673464	0.4	3.2	20	
trans-1,2-Dichloroethylene	A	10.0	9.95	2.815352	2.802035	0.1	-0.5	20	
trans-1,3-Dichloropropylene	A	10.0	10.5	0.7582079	0.7938409	0.1	4.7	20	
trans-1,4-dichloro-2-butene	A	10.0	8.21	7.098794E-02	6.716189E-02		-17.9	20	
Trichloroethylene	A	10.0	10.7	0.8429219	0.9023056	0.2	7.0	20	
Trichlorofluoromethane	A	10.0	10.6	2.815256	2.991214	0.1	6.3	20	
Vinyl Chloride	A	10.0	11.1	1.944213	2.550668	0.1	10.9	20	
Xylenes, Total	A	30.0	31.4	2.739608	2.864523		4.6	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: 26E0163Client: Hydro Tech EnvironmentalProject: 230051 - 170 Freeman Street, BrooklynInstrument ID: VOA No. 8Calibration: SE60011Lab File ID: V8-012850.DCalibration Date: 05/05/26 11:01Sequence: S6E1115Injection Date: 05/09/26Lab Sample ID: S6E1115-CCV1Injection Time: 13:45

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	11.1	0.6381527	0.7077203		10.9	20	
1,1,1-Trichloroethane	A	10.0	9.70	3.276622	3.176779	0.1	-3.0	20	
1,1,2,2-Tetrachloroethane	A	10.0	11.5	0.4418847	0.5098911	0.3	15.4	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	10.0	10.4	1.87606	1.955785	0.1	4.2	20	
1,1,2-Trichloroethane	A	10.0	10.9	0.4960646	0.5411301	0.1	9.1	20	
1,1-Dichloroethane	A	10.0	10.2	3.658093	3.740069	0.2	2.2	20	
1,1-Dichloroethylene	A	10.0	10.3	2.841945	2.928793	0.1	3.1	20	
1,2,3-Trichlorobenzene	A	10.0	8.32	0.2534647	0.2463697		-16.8	20	
1,2,3-Trichloropropane	A	10.0	11.3	0.113886	0.1289387		13.2	20	
1,2,4-Trichlorobenzene	A	10.0	8.61	0.3265506	0.3181844	0.2	-2.6	20	
1,2,4-Trimethylbenzene	A	10.0	11.3	1.860041	2.10146		13.0	20	
1,2-Dibromo-3-chloropropane	A	10.0	10.1	5.389324E-02	6.065229E-02	0.05	0.7	20	
1,2-Dibromoethane	A	10.0	11.4	0.4464901	0.5075737	0.1	13.7	20	
1,2-Dichlorobenzene	A	10.0	10.5	0.9471316	0.9979847	0.4	5.4	20	
1,2-Dichloroethane	A	10.0	10.2	2.06564	2.114092	0.1	2.3	20	
1,2-Dichloropropane	A	10.0	11.0	0.7475159	0.8206138	0.1	9.8	20	
1,3,5-Trimethylbenzene	A	10.0	11.3	1.898961	2.145193		13.0	20	
1,3-Dichlorobenzene	A	10.0	11.0	1.033619	1.135129	0.6	9.8	20	
1,4-Dichlorobenzene	A	10.0	10.9	1.026693	1.122723	0.5	9.4	20	
2-Butanone	A	10.0	9.47	0.1418281	0.1342559	0.1	-5.3	20	
2-Hexanone	A	10.0	11.2	0.2222764	0.2501148	0.1	12.5	20	
4-Methyl-2-pentanone	A	10.0	11.7	0.315457	0.3702961	0.1	17.4	20	
Acetone	A	10.0	8.98	0.1397137	0.1129643	0.1	-10.2	20	
Acrolein	A	25.0	20.0	0.1660011	0.1329708		-19.9	20	
Acrylonitrile	A	50.0	53.7	0.3175373	0.3410241		7.4	20	
Benzene	A	10.0	9.91	8.967924	8.887499	0.5	-0.9	20	
Bromochloromethane	A	10.0	10.4	1.256442	1.307127		4.0	20	
Bromodichloromethane	A	10.0	11.4	0.8996694	1.021928	0.2	13.6	20	
Bromoform	A	10.0	9.58	0.2603737	0.2879392	0.1	-4.2	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory: ALS Environmental - StratfordSDG: 26E0163Client: Hydro Tech EnvironmentalProject: 230051 - 170 Freeman Street, BrooklynInstrument ID: VOA No. 8Calibration: SE60011Lab File ID: V8-012850.DCalibration Date: 05/05/26 11:01Sequence: S6E1115Injection Date: 05/09/26Lab Sample ID: S6E1115-CCV1Injection Time: 13:45

COMPOUND	TYPE	CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		Q
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Bromomethane	A	10.0	8.18	1.210501	0.9897671	0.1	-18.2	20	
Carbon disulfide	A	10.0	9.90	5.482989	5.429337	0.1	-1.0	20	
Carbon tetrachloride	A	10.0	9.92	2.533474	2.513214	0.1	-0.8	20	
Chlorobenzene	A	10.0	11.0	2.120462	2.33041	0.5	9.9	20	
Chloroethane	A	10.0	9.00	1.391366	1.252679	0.1	-10.0	20	
Chloroform	A	10.0	9.77	3.805024	3.717348	0.2	-2.3	20	
Chloromethane	A	10.0	11.0	1.853881	2.033559	0.1	9.7	20	
cis-1,2-Dichloroethylene	A	10.0	10.2	2.98211	3.057832	0.1	2.5	20	
cis-1,3-Dichloropropylene	A	10.0	12.1	0.9663	1.169135	0.2	21.0	20	*
Cyclohexane	A	10.0	10.5	3.099637	3.246656	0.1	4.7	20	
Dibromochloromethane	A	10.0	10.9	0.5410021	0.5905588	0.1	9.2	20	
Dibromomethane	A	10.0	11.3	0.3321009	0.3756996		13.1	20	
Dichlorodifluoromethane	A	10.0	10.5	1.120685	0.8876199	0.1	-20.8	20	*
Ethyl Benzene	A	10.0	11.4	3.736217	4.24145	0.1	13.5	20	
Hexachlorobutadiene	A	10.0	8.02	9.595927E-02	7.692501E-02		-19.8	20	
Isopropylbenzene	A	10.0	11.7	2.407236	2.825338	0.1	17.4	20	
Methyl acetate	A	10.0	9.89	0.6939408	0.6865684	0.1	-1.1	20	
Methyl tert-butyl ether (MTBE)	A	10.0	10.3	3.79625	3.920272	0.1	3.3	20	
Methylcyclohexane	A	10.0	10.3	1.090313	1.29625	0.1	2.6	20	
Methylene chloride	A	10.0	10.3	2.237527	2.305294	0.1	3.0	20	
n-Butylbenzene	A	10.0	10.1	1.575157	1.596691		1.4	20	
n-Propylbenzene	A	10.0	11.5	2.861789	3.29569		15.2	20	
o-Xylene	A	10.0	11.8	2.672102	3.144807	0.3	17.7	20	
p- & m- Xylenes	A	20.0	22.9	2.773362	3.172843	0.1	14.4	20	
p-Isopropyltoluene	A	10.0	9.44	1.685435	1.790244		6.2	20	
sec-Butylbenzene	A	10.0	10.6	1.998156	2.124155		6.3	20	
Styrene	A	10.0	11.7	2.136489	2.502001	0.3	17.1	20	
tert-Butyl alcohol (TBA)	A	50.0	41.7	0.1611645	0.1343365		-16.6	20	
tert-Butylbenzene	A	10.0	11.1	1.458914	1.616831		10.8	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory: ALS Environmental - StratfordSDG: 26E0163Client: Hydro Tech EnvironmentalProject: 230051 - 170 Freeman Street, BrooklynInstrument ID: VOA No. 8Calibration: SE60011Lab File ID: V8-012850.DCalibration Date: 05/05/26 11:01Sequence: S6E1115Injection Date: 05/09/26Lab Sample ID: S6E1115-CCV1Injection Time: 13:45

COMPOUND	TYPE	CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		Q
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Tetrachloroethylene	A	10.0	8.81	1.33221	1.173508	0.2	-11.9	20	
Toluene	A	10.0	11.0	3.559594	3.93511	0.4	10.5	20	
trans-1,2-Dichloroethylene	A	10.0	9.96	2.815352	2.802937	0.1	-0.4	20	
trans-1,3-Dichloropropylene	A	10.0	11.6	0.7582079	0.8756714	0.1	15.5	20	
trans-1,4-dichloro-2-butene	A	10.0	7.60	7.098794E-02	6.208996E-02		-24.0	20	*
Trichloroethylene	A	10.0	10.9	0.8429219	0.9204294	0.2	9.2	20	
Trichlorofluoromethane	A	10.0	11.4	2.815256	3.202522	0.1	13.8	20	
Vinyl Chloride	A	10.0	11.4	1.944213	2.633007	0.1	14.5	20	
Xylenes, Total	A	30.0	34.6	2.739608	3.163498		15.5	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: 26E0163Client: Hydro Tech EnvironmentalProject: 230051 - 170 Freeman Street, BrooklynInstrument ID: VOA No. 8Calibration: SE60011Lab File ID: V8-012898a.DCalibration Date: 05/05/26 11:01Sequence: S6E1235Injection Date: 05/11/26Lab Sample ID: S6E1235-CCV1Injection Time: 07:57

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	0.6381527	0.6708297		5.1	20	
1,1,1-Trichloroethane	A	10.0	9.71	3.276622	3.182193	0.1	-2.9	20	
1,1,2,2-Tetrachloroethane	A	10.0	11.6	0.4418847	0.5112605	0.3	15.7	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	10.0	11.0	1.87606	2.053637	0.1	9.5	20	
1,1,2-Trichloroethane	A	10.0	10.9	0.4960646	0.5404198	0.1	8.9	20	
1,1-Dichloroethane	A	10.0	10.1	3.658093	3.68861	0.2	0.8	20	
1,1-Dichloroethylene	A	10.0	10.4	2.841945	2.95275	0.1	3.9	20	
1,2,3-Trichlorobenzene	A	10.0	8.06	0.2534647	0.2387506		-19.4	20	
1,2,3-Trichloropropane	A	10.0	11.4	0.113886	0.1297518		13.9	20	
1,2,4-Trichlorobenzene	A	10.0	8.28	0.3265506	0.3056458	0.2	-6.4	20	
1,2,4-Trimethylbenzene	A	10.0	11.2	1.860041	2.088857		12.3	20	
1,2-Dibromo-3-chloropropane	A	10.0	10.6	5.389324E-02	6.384873E-02	0.05	5.9	20	
1,2-Dibromoethane	A	10.0	10.7	0.4464901	0.4773943	0.1	6.9	20	
1,2-Dichlorobenzene	A	10.0	10.4	0.9471316	0.9819756	0.4	3.7	20	
1,2-Dichloroethane	A	10.0	10.0	2.06564	2.069514	0.1	0.2	20	
1,2-Dichloropropane	A	10.0	11.2	0.7475159	0.8352062	0.1	11.7	20	
1,3,5-Trimethylbenzene	A	10.0	10.5	1.898961	1.995713		5.1	20	
1,3-Dichlorobenzene	A	10.0	10.9	1.033619	1.122171	0.6	8.6	20	
1,4-Dichlorobenzene	A	10.0	11.0	1.026693	1.129854	0.5	10.0	20	
2-Butanone	A	10.0	11.2	0.1418281	0.1588484	0.1	12.0	20	
2-Hexanone	A	10.0	11.2	0.2222764	0.2497372	0.1	12.4	20	
4-Methyl-2-pentanone	A	10.0	11.6	0.315457	0.3643888	0.1	15.5	20	
Acetone	A	10.0	9.91	0.1397137	0.1242717	0.1	-0.9	20	
Acrolein	A	25.0	25.4	0.1660011	0.168899		1.7	20	
Acrylonitrile	A	50.0	58.7	0.3175373	0.3730354		17.5	20	
Benzene	A	10.0	9.91	8.967924	8.885278	0.5	-0.9	20	
Bromochloromethane	A	10.0	10.8	1.256442	1.357159		8.0	20	
Bromodichloromethane	A	10.0	10.9	0.8996694	0.9794269	0.2	8.9	20	
Bromoform	A	10.0	9.65	0.2603737	0.2900102	0.1	-3.5	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory: ALS Environmental - StratfordSDG: 26E0163Client: Hydro Tech EnvironmentalProject: 230051 - 170 Freeman Street, BrooklynInstrument ID: VOA No. 8Calibration: SE60011Lab File ID: V8-012898a.DCalibration Date: 05/05/26 11:01Sequence: S6E1235Injection Date: 05/11/26Lab Sample ID: S6E1235-CCV1Injection Time: 07:57

COMPOUND	TYPE	CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		Q
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Bromomethane	A	10.0	9.76	1.210501	1.180932	0.1	-2.4	20	
Carbon disulfide	A	10.0	10.1	5.482989	5.535187	0.1	1.0	20	
Carbon tetrachloride	A	10.0	9.95	2.533474	2.520592	0.1	-0.5	20	
Chlorobenzene	A	10.0	10.4	2.120462	2.198304	0.5	3.7	20	
Chloroethane	A	10.0	8.31	1.391366	1.155545	0.1	-16.9	20	
Chloroform	A	10.0	9.68	3.805024	3.684405	0.2	-3.2	20	
Chloromethane	A	10.0	12.0	1.853881	2.2267	0.1	20.1	20 *	
cis-1,2-Dichloroethylene	A	10.0	10.2	2.98211	3.05692	0.1	2.5	20	
cis-1,3-Dichloropropylene	A	10.0	11.8	0.9663	1.141276	0.2	18.1	20	
Cyclohexane	A	10.0	11.1	3.099637	3.44357	0.1	11.1	20	
Dibromochloromethane	A	10.0	11.0	0.5410021	0.5960415	0.1	10.2	20	
Dibromomethane	A	10.0	10.7	0.3321009	0.356529		7.4	20	
Dichlorodifluoromethane	A	10.0	13.3	1.120685	1.193485	0.1	6.5	20	
Ethyl Benzene	A	10.0	10.7	3.736217	4.006724	0.1	7.2	20	
Hexachlorobutadiene	A	10.0	8.49	9.595927E-02	8.144704E-02		-15.1	20	
Isopropylbenzene	A	10.0	11.6	2.407236	2.794182	0.1	16.1	20	
Methyl acetate	A	10.0	10.5	0.6939408	0.7261097	0.1	4.6	20	
Methyl tert-butyl ether (MTBE)	A	10.0	10.4	3.79625	3.954632	0.1	4.2	20	
Methylcyclohexane	A	10.0	10.0	1.090313	1.266207	0.1	0.2	20	
Methylene chloride	A	10.0	10.3	2.237527	2.310289	0.1	3.3	20	
n-Butylbenzene	A	10.0	10.1	1.575157	1.596244		1.3	20	
n-Propylbenzene	A	10.0	11.4	2.861789	3.260826		13.9	20	
o-Xylene	A	10.0	10.9	2.672102	2.919338	0.3	9.3	20	
p- & m- Xylenes	A	20.0	21.4	2.773362	2.965353	0.1	6.9	20	
p-Isopropyltoluene	A	10.0	9.26	1.685435	1.755239		4.1	20	
sec-Butylbenzene	A	10.0	10.4	1.998156	2.074381		3.8	20	
Styrene	A	10.0	10.9	2.136489	2.325097	0.3	8.8	20	
tert-Butyl alcohol (TBA)	A	50.0	54.6	0.1611645	0.1759065		9.1	20	
tert-Butylbenzene	A	10.0	10.9	1.458914	1.585438		8.7	20	

FORM VII

CONTINUING CALIBRATION CHECK

EPA 8260D

Laboratory: ALS Environmental - StratfordSDG: 26E0163Client: Hydro Tech EnvironmentalProject: 230051 - 170 Freeman Street, BrooklynInstrument ID: VOA No. 8Calibration: SE60011Lab File ID: V8-012898a.DCalibration Date: 05/05/26 11:01Sequence: S6E1235Injection Date: 05/11/26Lab Sample ID: S6E1235-CCV1Injection Time: 07:57

COMPOUND	TYPE	CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT		Q
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Tetrachloroethylene	A	10.0	7.51	1.33221	1.000479	0.2	-24.9	20 *	
Toluene	A	10.0	10.5	3.559594	3.739822	0.4	5.1	20	
trans-1,2-Dichloroethylene	A	10.0	10.1	2.815352	2.840251	0.1	0.9	20	
trans-1,3-Dichloropropylene	A	10.0	11.5	0.7582079	0.8742735	0.1	15.3	20	
trans-1,4-dichloro-2-butene	A	10.0	12.1	7.098794E-02	0.0998658		21.0	20 *	
Trichloroethylene	A	10.0	10.6	0.8429219	0.8939347	0.2	6.1	20	
Trichlorofluoromethane	A	10.0	10.5	2.815256	2.955713	0.1	5.0	20	
Vinyl Chloride	A	10.0	10.0	1.944213	2.3021	0.1	0.0	20	
Xylenes, Total	A	30.0	32.3	2.739608	2.950015		7.7	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\V8-05-08-26\
 Data File : V8-012827.D
 Acq On : 9 May 2026 1:19 am
 Operator : THD
 InstName : VOA No. 8
 Sample : SEQ-CCV1
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Quant Time: May 09 15:07:53 2026
 Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Fri May 08 12:52:12 2026
 Response via : Initial Calibration

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

Internal Standards						
1) FLUOROBENZENE (ISTD)	5.593	50	51216	10.00	ppb	0.00
48) CHLOROBENZENE-d5 (ISTD)	8.611	119	136579	10.00	ppb	0.00
80) 1,2-DICHLOROBENZENE-d4...	11.586	152	166255	10.00	ppb	0.00
System Monitoring Compounds						
42) d4-1,2-Dichloroethane ...	5.301	65	110062	9.49	ppb	0.00
Spiked Amount 10.000	Range	69 - 130	Recovery	=	94.90%	
60) Toluene-d8 (SURR)	7.114	98	555242	10.01	ppb	0.00
Spiked Amount 10.000	Range	81 - 117	Recovery	=	100.10%	
82) p-Bromofluorobenzene (...)	9.876	95	185751	10.47	ppb	0.00
Spiked Amount 10.000	Range	79 - 122	Recovery	=	104.70%	
Target Compounds						
						Qvalue
3) Freon 152a	1.464	65	32926	7.94	ppb	99
4) Dichlorodifluoromethane	1.458	85	46823	10.77	ppb	98
5) Freon 22	1.511	67	14336	8.67	ppb	99
6) Chlorodifluoromethane ...	1.511	67	14336	8.67	ppb	99
7) Chloromethane	1.676	50	103046	10.85	ppb	# 6
8) Vinyl Chloride	1.736	62	130635	11.09	ppb	98
9) Bromomethane	2.053	94	28650	4.62	ppb	96
10) Chloroethane	2.156	64	60937	8.55	ppb	98
11) Trichlorofluoromethane	2.393	101	153198	10.63	ppb	98
12) Ethyl Ether	2.667	59	66171	9.85	ppb	99
13) Ethanol	2.612	45	36499	395.82	ppb	86
14) Freon 123	2.752	83	140915	9.08	ppb	99
15) 1,1-Dichloroethylene	2.886	61	149121	10.25	ppb	97
16) Freon 113	2.874	101	85385	8.89	ppb	98
17) Acrolein	2.813	56	15983	18.80	ppb	96
18) Acetone	2.965	58	6628	10.33	ppb	100
19) Iodomethane	3.044	142	30522	2.94	ppb	96
20) Carbon disulfide	3.105	76	271552	9.67	ppb	99
21) Allyl Chloride	3.233	41	148110	10.12	ppb	97
22) Methyl Acetate	3.257	43	35030	9.86	ppb	99
23) tert-Butyl Alcohol (TBA)	3.488	59	37284	45.17	ppb	97
24) Methylene Chloride	3.361	49	115794	10.10	ppb	97
25) Acrylonitrile	3.598	53	88325	54.31	ppb	96
26) trans-1,2-Dichloroethy...	3.604	61	143509	9.95	ppb	98
27) tert-Butyl Methyl Ethe...	3.592	73	206285	10.61	ppb	99
28) n-hexane	3.823	57	95929	8.34	ppb	97
29) 1,1-Dichloroethane	3.999	63	190579	10.17	ppb	99
30) Vinyl Acetate	4.036	86	9405	7.57	ppb	36
31) Diisopropyl ether (DIPE)	4.024	45	278245	10.55	ppb	99
32) Ethyl-tert-Butyl ether...	4.358	59	200823	8.87	ppb	100
33) cis-1,2-Dichloroethylene	4.535	61	152731	10.00	ppb	96
34) 2-Butanone	4.553	72	6805	9.37	ppb	75
35) 2,2-Dichloropropane	4.523	77	113929	8.69	ppb	97
36) Tetrahydrofuran	4.809	71	33658	51.61	ppb	97
37) Bromochloromethane	4.766	49	65900	10.24	ppb	92
38) Chloroform	4.833	83	187470	9.62	ppb	99
39) 1,1,1-Trichloroethane	4.985	97	158944	9.47	ppb	98
40) Cyclohexane	5.028	56	149776	9.43	ppb	95
41) 1,1-Dichloropropylene	5.137	75	152769	9.85	ppb	98
43) Carbon Tetrachloride	5.137	117	125493	9.67	ppb	98
44) tert-Amyl alcohol (TAA)	5.356	59	27718	46.74	ppb	98
45) 1,2-Dichloroethane	5.368	62	106130	10.03	ppb	100
46) Benzene	5.338	78	455628	9.92	ppb	99

Data Path : C:\msdchem\1\data\V8-05-08-26\
 Data File : V8-012827.D
 Acq On : 9 May 2026 1:19 am
 Operator : THD
 InstName : VOA No. 8
 Sample : SEQ-CCV1
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Quant Time: May 09 15:07:53 2026
 Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Fri May 08 12:52:12 2026
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
47) tert-Amyl methyl ether...	5.417	73	143680	7.96	ppb	99
49) Trichloroethylene	5.946	95	123236	10.70	ppb	98
50) Methyl Cyclohexane	6.104	83	140184	8.13	ppb	98
51) Methyl Methacrylate	6.250	69	44932	10.91	ppb	97
52) Dibromomethane	6.293	93	47914	10.56	ppb	96
53) Bromodichloromethane	6.445	83	129225	10.52	ppb	99
54) 1,2-Dichloropropane	6.165	63	104214	10.21	ppb	96
55) 1,4-Dioxane	6.311	88	13503	236.25	ppb	98
56) 2-Nitropropane	6.658	43	61926	52.12	ppb	93
58) cis-1,3-Dichloropropene	6.865	75	141612	10.73	ppb	99
59) 4-Methyl-2-Pentanone	6.999	43	47407	11.00	ppb	# 98
61) Toluene	7.181	91	501718	10.32	ppb	100
62) n-Octane	7.248	85	21113	8.05	ppb	97
63) Ethyl Methacrylate	7.479	69	96022	11.21	ppb	99
64) trans-1,3-Dichloropropene	7.425	75	108422	10.47	ppb	98
65) 1,1,2-Trichloroethane	7.613	97	70824	10.45	ppb	97
66) 1,3-Dichloropropane	7.783	76	125680	10.54	ppb	98
67) Tetrachloroethylene	7.741	166	212302	11.67	ppb	99
68) 2-Hexanone	7.850	43	31057	10.23	ppb	98
69) n-Butyl Actetate	7.960	43	81736	10.89	ppb	99
70) Dibromochloromethane	8.027	129	79154	10.71	ppb	98
71) 1,2-Dibromoethane	8.142	107	64782	10.62	ppb	99
72) Chlorobenzene	8.641	112	293455	10.13	ppb	100
73) 1,1,1,2-tetrachloroethane	8.726	131	91131	10.46	ppb	97
74) n-Nonane	8.842	57	17754	6.79	ppb	95
75) Ethyl Benzene	8.732	91	531081	10.41	ppb	100
76) p- & m-Xylenes	8.860	91	780535	20.61	ppb	99
77) o-Xylene	9.292	91	393166	10.77	ppb	100
78) Styrene	9.310	104	318197	10.90	ppb	98
79) Bromoform	9.542	173	38682	9.43	ppb	96
81) Isopropylbenzene	9.682	105	450021	11.24	ppb	100
83) 1,1,2,2-Tetrachloroethane	10.047	83	75943	10.34	ppb	100
84) Bromobenzene	10.040	77	164335	10.91	ppb	97
85) trans-1,4-Dichloro-2-b...	10.107	53	11166	8.21	ppb	# 40
86) 1,2,3-Trichloropropane	10.095	110	21002	11.09	ppb	96
87) n-Propylbenzene	10.132	91	509679	10.71	ppb	100
88) n-Decane	10.296	57	14778	6.59	ppb	96
89) p-Ethyltoluene	10.253	105	405929	10.63	ppb	100
90) 1,3,5-Trimethylbenzene	10.326	105	330848	10.48	ppb	99
91) 2-Chlorotoluene	10.247	91	345803	10.70	ppb	100
92) 4-Chlorotoluene	10.363	91	346111	10.70	ppb	99
93) tert-Butylbenzene	10.685	119	257343	10.61	ppb	100
94) 1,2,4-Trimethylbenzene	10.746	105	333346	10.78	ppb	99
95) sec-Butylbenzene	10.929	105	320508	9.65	ppb	100
96) Limonene	11.032	68	39022	6.06	ppb	99
97) 1,3-Dichlorobenzene	11.087	146	183078	10.65	ppb	98
98) p-Isopropyltoluene	11.093	119	272188	8.64	ppb	99
99) 1,4-Dichlorobenzene	11.184	146	181786	10.65	ppb	99
100) 1,2,3-Trimethylbenzene	11.221	105	334808	11.02	ppb	99
101) p-Diethylbenzene	11.525	105	124138	8.00	ppb	97
102) trans-Decahydronapthalene	11.531	138	16396	6.43	ppb	98
103) 1,2-Dichlorobenzene	11.610	146	164461	10.44	ppb	99
104) n-Butylbenzene	11.555	91	230657	8.81	ppb	99
105) Hexachloroethane	11.878	119	38069	8.45	ppb	97
106) n-Undecane	11.640	71	7460	7.72	ppb	# 65
107) cis-Decahydronapthalene	12.182	138	11110	6.39	ppb	# 93
108) 1,2-Dibromo-3-chloropr...	12.504	75	9941	9.93	ppb	94

Data Path : C:\msdchem\1\data\V8-05-08-26\
 Data File : V8-012827.D
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 InstName : VOA No. 8
 Sample : SEQ-CCV1
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Quant Time: May 09 15:07:53 2026
 Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Fri May 08 12:52:12 2026
 Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
109)	1,2,4,5-Tetramethylben...	12.413	119	178169	7.65	ppb	99
110)	Nitrobenzene	12.748	77	23314	81.31	ppb	98
111)	1,2,4-Trichlorobenzene	13.435	180	46531	7.59	ppb	96
112)	Hexachloro-1,3-Butadiene	13.605	225	11318	7.09	ppb	96
113)	Naphthalene	13.715	128	124982	8.06	ppb	98
114)	1,2,3-Trichlorobenzene	13.995	180	38321	7.79	ppb	97

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

Data Path : C:\msdchem\1\data\V8-05-09-26\
 Data File : V8-012850.D
 Acq On : 9 May 2026 1:45 pm
 Operator : THD
 InstName : VOA No. 8
 Sample : SEQ-CCV1
 Misc :
 ALS Vial : 89 Sample Multiplier: 1

Quant Time: May 11 11:17:16 2026
 Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Fri May 08 12:52:12 2026
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) FLUOROBENZENE (ISTD)	5.593	50	49644	10.00	ppb	0.00
48) CHLOROBENZENE-d5 (ISTD)	8.611	119	124179	10.00	ppb	0.00
80) 1,2-DICHLOROBENZENE-d4...	11.586	152	159285	10.00	ppb	0.00
System Monitoring Compounds						
42) d4-1,2-Dichloroethane ...	5.301	65	103498	9.21	ppb	0.00
Spiked Amount 10.000	Range	69 - 130	Recovery	=	92.10%	
60) Toluene-d8 (SURR)	7.114	98	523264	10.38	ppb	0.00
Spiked Amount 10.000	Range	81 - 117	Recovery	=	103.80%	
82) p-Bromofluorobenzene (...)	9.876	95	176846	10.41	ppb	0.00
Spiked Amount 10.000	Range	79 - 122	Recovery	=	104.10%	
Target Compounds						
					Qvalue	
3) Freon 152a	1.470	65	31289	7.79	ppb	97
4) Dichlorodifluoromethane	1.458	85	44065	10.52	ppb	97
5) Freon 22	1.505	67	13788	8.60	ppb	98
6) Chlorodifluoromethane ...	1.505	67	13788	8.60	ppb	98
7) Chloromethane	1.682	50	100954	10.97	ppb	# 18
8) Vinyl Chloride	1.736	62	130713	11.45	ppb	97
9) Bromomethane	2.059	94	49136	8.18	ppb	97
10) Chloroethane	2.156	64	62188	9.00	ppb	98
11) Trichlorofluoromethane	2.393	101	158986	11.38	ppb	99
12) Ethyl Ether	2.667	59	66669	10.23	ppb	96
13) Ethanol	2.612	45	31509	352.22	ppb	96
14) Freon 123	2.752	83	143797	9.56	ppb	99
15) 1,1-Dichloroethylene	2.892	61	145397	10.31	ppb	97
16) Freon 113	2.880	101	97093	10.42	ppb	97
17) Acrolein	2.807	56	16503	20.03	ppb	91
18) Acetone	2.953	58	5608	8.98	ppb	78
19) Iodomethane	3.044	142	42370	4.19	ppb	100
20) Carbon disulfide	3.105	76	269534	9.90	ppb	100
21) Allyl Chloride	3.233	41	148415	10.46	ppb	98
22) Methyl Acetate	3.257	43	34084	9.89	ppb	97
23) tert-Butyl Alcohol (TBA)	3.482	59	33345	41.68	ppb	97
24) Methylene Chloride	3.361	49	114444	10.30	ppb	98
25) Acrylonitrile	3.598	53	84649	53.70	ppb	96
26) trans-1,2-Dichloroethy...	3.604	61	139149	9.96	ppb	97
27) tert-Butyl Methyl Ethe...	3.592	73	194618	10.33	ppb	99
28) n-hexane	3.823	57	124017	11.12	ppb	99
29) 1,1-Dichloroethane	4.000	63	185672	10.22	ppb	99
30) Vinyl Acetate	4.030	86	13156	10.92	ppb	89
31) Diisopropyl ether (DIPE)	4.024	45	270008	10.56	ppb	97
32) Ethyl-tert-Butyl ether...	4.365	59	191737	8.73	ppb	99
33) cis-1,2-Dichloroethylene	4.541	61	151803	10.25	ppb	96
34) 2-Butanone	4.547	72	6665	9.47	ppb	70
35) 2,2-Dichloropropane	4.523	77	144134	11.34	ppb	99
36) Tetrahydrofuran	4.809	71	31152	49.28	ppb	100
37) Bromochloromethane	4.766	49	64891	10.40	ppb	89
38) Chloroform	4.833	83	184544	9.77	ppb	99
39) 1,1,1-Trichloroethane	4.985	97	157708	9.70	ppb	98
40) Cyclohexane	5.028	56	161177	10.47	ppb	95
41) 1,1-Dichloropropylene	5.137	75	151492	10.08	ppb	96
43) Carbon Tetrachloride	5.137	117	124766	9.92	ppb	98
44) tert-Amyl alcohol (TAA)	5.362	59	23947	41.66	ppb	97
45) 1,2-Dichloroethane	5.368	62	104952	10.23	ppb	100
46) Benzene	5.338	78	441211	9.91	ppb	99

Data Path : C:\msdchem\1\data\V8-05-09-26\
 Data File : V8-012850.D
 Acq On : 9 May 2026 1:45 pm
 Operator : THD
 InstName : VOA No. 8
 Sample : SEQ-CCV1
 Misc :
 ALS Vial : 89 Sample Multiplier: 1

Quant Time: May 11 11:17:16 2026
 Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Fri May 08 12:52:12 2026
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
47) tert-Amyl methyl ether...	5.417	73	140748	8.04	ppb	98
49) Trichloroethylene	5.940	95	114298	10.92	ppb	97
50) Methyl Cyclohexane	6.104	83	160967	10.26	ppb	97
51) Methyl Methacrylate	6.257	69	43068	11.50	ppb	95
52) Dibromomethane	6.299	93	46654	11.31	ppb	99
53) Bromodichloromethane	6.445	83	126902	11.36	ppb	99
54) 1,2-Dichloropropane	6.165	63	101903	10.98	ppb	95
55) 1,4-Dioxane	6.305	88	10645	204.85	ppb	95
56) 2-Nitropropane	6.664	43	64227	59.46	ppb	96
58) cis-1,3-Dichloropropene	6.865	75	145182	12.10	ppb	99
59) 4-Methyl-2-Pentanone	7.005	43	45983	11.74	ppb	# 99
61) Toluene	7.181	91	488658	11.05	ppb	99
62) n-Octane	7.254	85	29996	12.59	ppb	98
63) Ethyl Methacrylate	7.479	69	96418	12.38	ppb	97
64) trans-1,3-Dichloropropene	7.418	75	108740	11.55	ppb	98
65) 1,1,2-Trichloroethane	7.613	97	67197	10.91	ppb	99
66) 1,3-Dichloropropane	7.784	76	124094	11.45	ppb	99
67) Tetrachloroethylene	7.741	166	145725	8.81	ppb	99
68) 2-Hexanone	7.844	43	31059	11.25	ppb	99
69) n-Butyl Actetate	7.960	43	82044	12.02	ppb	97
70) Dibromochloromethane	8.027	129	73335	10.92	ppb	98
71) 1,2-Dibromoethane	8.149	107	63030	11.37	ppb	99
72) Chlorobenzene	8.641	112	289388	10.99	ppb	99
73) 1,1,1,2-tetrachloroethane	8.726	131	87884	11.09	ppb	99
74) n-Nonane	8.836	57	26372	10.41	ppb	99
75) Ethyl Benzene	8.733	91	526699	11.35	ppb	99
76) p- & m-Xylenes	8.860	91	788001	22.88	ppb	99
77) o-Xylene	9.286	91	390519	11.77	ppb	99
78) Styrene	9.310	104	310696	11.71	ppb	99
79) Bromoform	9.548	173	35756	9.58	ppb	99
81) Isopropylbenzene	9.682	105	450034	11.74	ppb	99
83) 1,1,2,2-Tetrachloroethane	10.053	83	81218	11.54	ppb	98
84) Bromobenzene	10.041	77	161539	11.19	ppb	98
85) trans-1,4-Dichloro-2-b...	10.107	53	9890	7.60	ppb	# 40
86) 1,2,3-Trichloropropane	10.095	110	20538	11.32	ppb	100
87) n-Propylbenzene	10.132	91	524954	11.52	ppb	99
88) n-Decane	10.296	57	21512	8.98	ppb	89
89) p-Ethyltoluene	10.260	105	411144	11.23	ppb	98
90) 1,3,5-Trimethylbenzene	10.326	105	341697	11.30	ppb	99
91) 2-Chlorotoluene	10.247	91	344667	11.13	ppb	100
92) 4-Chlorotoluene	10.363	91	351325	11.33	ppb	99
93) tert-Butylbenzene	10.685	119	257537	11.08	ppb	99
94) 1,2,4-Trimethylbenzene	10.746	105	334731	11.30	ppb	99
95) sec-Butylbenzene	10.929	105	338346	10.63	ppb	99
96) Limonene	11.032	68	47670	7.71	ppb	98
97) 1,3-Dichlorobenzene	11.087	146	180809	10.98	ppb	99
98) p-Isopropyltoluene	11.093	119	285159	9.44	ppb	99
99) 1,4-Dichlorobenzene	11.184	146	178833	10.94	ppb	98
100) 1,2,3-Trimethylbenzene	11.221	105	328956	11.30	ppb	99
101) p-Diethylbenzene	11.525	105	134218	9.02	ppb	97
102) trans-Decahydronapthalene	11.531	138	19485	7.79	ppb	96
103) 1,2-Dichlorobenzene	11.610	146	158964	10.54	ppb	97
104) n-Butylbenzene	11.555	91	254329	10.14	ppb	100
105) Hexachloroethane	11.878	119	39077	9.04	ppb	98
106) n-Undecane	11.634	71	10674	9.28	ppb	92
107) cis-Decahydronapthalene	12.170	138	12575	7.36	ppb	# 98
108) 1,2-Dibromo-3-chloropr...	12.498	75	9661	10.07	ppb	98

Data Path : C:\msdchem\1\data\V8-05-09-26\
 Data File : V8-012850.D
 Acq On : 9 May 2026 1:45 pm
 Operator : THD
 InstName : VOA No. 8
 Sample : SEQ-CCV1
 Misc :
 ALS Vial : 89 Sample Multiplier: 1

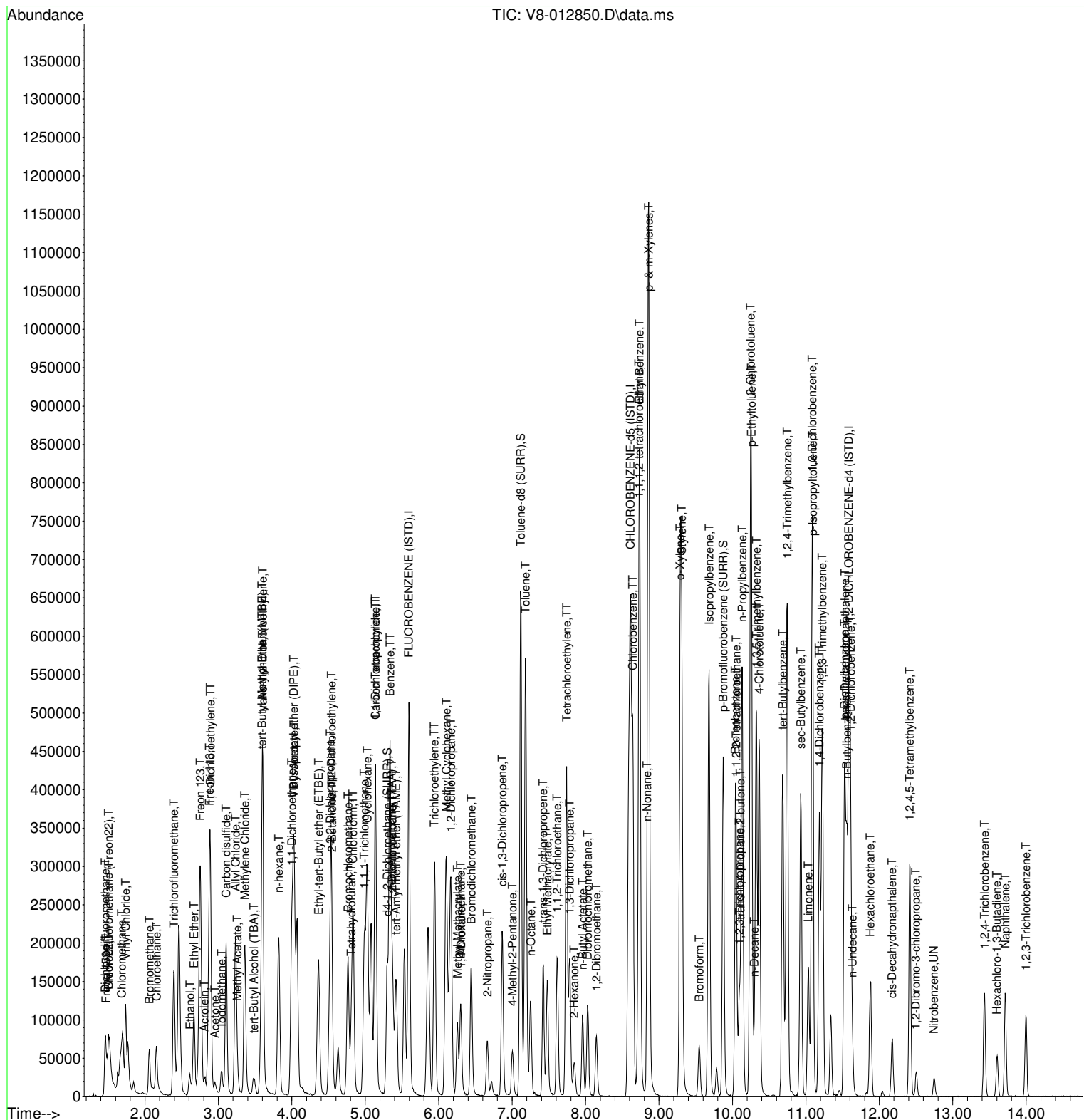
Quant Time: May 11 11:17:16 2026
 Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Fri May 08 12:52:12 2026
 Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
109)	1,2,4,5-Tetramethylben...	12.413	119	192590	8.63	ppb	99
110)	Nitrobenzene	12.742	77	16931	62.37	ppb	93
111)	1,2,4-Trichlorobenzene	13.435	180	50682	8.61	ppb	99
112)	Hexachloro-1,3-Butadiene	13.599	225	12253	8.02	ppb	98
113)	Naphthalene	13.715	128	127637	8.59	ppb	98
114)	1,2,3-Trichlorobenzene	13.995	180	39243	8.32	ppb	96

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

Data Path : C:\msdchem\1\data\V8-05-09-26\
Data File : V8-012850.D
Acq On : 9 May 2026 1:45 pm
Operator : THD
InstName : VOA No. 8
Sample : SEQ-CCV1
Misc :
ALS Vial : 89 Sample Multiplier: 1

Quant Time: May 11 11:17:16 2026
Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
Quant Title : Volatile Organics EPA 8260D & 624.1
QLast Update : Fri May 08 12:52:12 2026
Response via : Initial Calibration



Data Path : C:\msdchem\1\data\V8-05-11-26\
 Data File : V8-012898a.D
 Acq On : 11 May 2026 7:57 am
 Operator : THD
 InstName : VOA No. 8
 Sample : SEQ-CCV1
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Quant Time: May 12 21:36:43 2026
 Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Fri May 08 12:52:12 2026
 Response via : Initial Calibration

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

Internal Standards						
1) FLUOROBENZENE (ISTD)	5.587	50	49947	10.00	ppb	0.00
48) CHLOROBENZENE-d5 (ISTD)	8.605	119	129392	10.00	ppb	0.00
80) 1,2-DICHLOROBENZENE-d4...	11.586	152	157231	10.00	ppb	0.00
System Monitoring Compounds						
42) d4-1,2-Dichloroethane ...	5.289	65	104986	9.28	ppb	0.00
Spiked Amount 10.000	Range 69 - 130		Recovery =	92.80%		
60) Toluene-d8 (SURR)	7.114	98	533906	10.16	ppb	0.00
Spiked Amount 10.000	Range 81 - 117		Recovery =	101.60%		
82) p-Bromofluorobenzene (...)	9.870	95	178180	10.62	ppb	0.00
Spiked Amount 10.000	Range 79 - 122		Recovery =	106.20%		
Target Compounds						
					Qvalue	
3) Freon 152a	1.452	65	27900	6.89	ppb	76
4) Dichlorodifluoromethane	1.452	85	59611	13.27	ppb	96
5) Freon 22	1.499	67	13658	8.47	ppb	97
6) Chlorodifluoromethane ...	1.499	67	13658	8.47	ppb	97
7) Chloromethane	1.675	50	111217	12.01	ppb	# 25
8) Vinyl Chloride	1.730	62	114983	10.00	ppb	100
9) Bromomethane	2.053	94	58984	9.76	ppb	98
10) Chloroethane	2.150	64	57716	8.31	ppb	100
11) Trichlorofluoromethane	2.387	101	147629	10.50	ppb	99
12) Ethyl Ether	2.661	59	70763	10.80	ppb	97
13) Ethanol	2.606	45	41592	463.14	ppb	98
14) Freon 123	2.746	83	150842	9.96	ppb	98
15) 1,1-Dichloroethylene	2.886	61	147481	10.39	ppb	97
16) Freon 113	2.868	101	102573	10.95	ppb	97
17) Acrolein	2.807	56	21090	25.44	ppb	93
18) Acetone	2.953	58	6207	9.91	ppb	89
19) Iodomethane	3.038	142	79722	7.74	ppb	95
20) Carbon disulfide	3.099	76	276466	10.10	ppb	100
21) Allyl Chloride	3.227	41	169144	11.85	ppb	95
22) Methyl Acetate	3.251	43	36267	10.46	ppb	100
23) tert-Butyl Alcohol (TBA)	3.476	59	43930	54.57	ppb	95
24) Methylene Chloride	3.354	49	115392	10.33	ppb	95
25) Acrylonitrile	3.592	53	93160	58.74	ppb	97
26) trans-1,2-Dichloroethy...	3.598	61	141862	10.09	ppb	97
27) tert-Butyl Methyl Ethe...	3.580	73	197522	10.42	ppb	99
28) n-hexane	3.817	57	129055	11.50	ppb	99
29) 1,1-Dichloroethane	3.993	63	184235	10.08	ppb	99
30) Vinyl Acetate	4.018	86	14713	12.14	ppb	89
31) Diisopropyl ether (DIPE)	4.018	45	293085	11.39	ppb	97
32) Ethyl-tert-Butyl ether...	4.358	59	189268	8.56	ppb	97
33) cis-1,2-Dichloroethylene	4.535	61	152684	10.25	ppb	95
34) 2-Butanone	4.547	72	7934	11.20	ppb	71
35) 2,2-Dichloropropane	4.516	77	149622	11.70	ppb	97
36) Tetrahydrofuran	4.802	71	35142	55.25	ppb	97
37) Bromochloromethane	4.760	49	67786	10.80	ppb	83
38) Chloroform	4.827	83	184025	9.68	ppb	98
39) 1,1,1-Trichloroethane	4.979	97	158941	9.71	ppb	97
40) Cyclohexane	5.021	56	171996	11.11	ppb	95
41) 1,1-Dichloropropylene	5.131	75	147828	9.77	ppb	96
43) Carbon Tetrachloride	5.131	117	125896	9.95	ppb	98
44) tert-Amyl alcohol (TAA)	5.356	59	33178	57.36	ppb	97
45) 1,2-Dichloroethane	5.368	62	103366	10.02	ppb	96
46) Benzene	5.332	78	443793	9.91	ppb	100

Data Path : C:\msdchem\1\data\V8-05-11-26\
 Data File : V8-012898a.D
 Acq On : 11 May 2026 7:57 am
 Operator : THD
 InstName : VOA No. 8
 Sample : SEQ-CCV1
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Quant Time: May 12 21:36:43 2026
 Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Fri May 08 12:52:12 2026
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev (Min)
47) tert-Amyl methyl ether...	5.411	73	136858	7.77	ppb	99
49) Trichloroethylene	5.934	95	115668	10.61	ppb	98
50) Methyl Cyclohexane	6.098	83	163837	10.02	ppb	98
51) Methyl Methacrylate	6.250	69	46079	11.81	ppb	97
52) Dibromomethane	6.293	93	46132	10.74	ppb	99
53) Bromodichloromethane	6.433	83	126730	10.89	ppb	99
54) 1,2-Dichloropropane	6.159	63	108069	11.17	ppb	99
55) 1,4-Dioxane	6.311	88	15984	295.19	ppb	90
56) 2-Nitropropane	6.652	43	71016	63.09	ppb	97
58) cis-1,3-Dichloropropene	6.859	75	147672	11.81	ppb	99
59) 4-Methyl-2-Pentanone	6.999	43	47149	11.55	ppb	# 98
61) Toluene	7.181	91	483903	10.51	ppb	100
62) n-Octane	7.248	85	29183	11.75	ppb	97
63) Ethyl Methacrylate	7.473	69	99703	12.28	ppb	99
64) trans-1,3-Dichloropropene	7.418	75	113124	11.53	ppb	96
65) 1,1,2-Trichloroethane	7.607	97	69926	10.89	ppb	97
66) 1,3-Dichloropropane	7.777	76	121015	10.71	ppb	98
67) Tetrachloroethylene	7.735	166	129454	7.51	ppb	100
68) 2-Hexanone	7.838	43	32314	11.24	ppb	99
69) n-Butyl Actetate	7.954	43	85715	12.05	ppb	98
70) Dibromochloromethane	8.027	129	77123	11.02	ppb	99
71) 1,2-Dibromoethane	8.142	107	61771	10.69	ppb	99
72) Chlorobenzene	8.635	112	284443	10.37	ppb	100
73) 1,1,1,2-tetrachloroethane	8.720	131	86800	10.51	ppb	97
74) n-Nonane	8.836	57	25732	9.84	ppb	93
75) Ethyl Benzene	8.732	91	518438	10.72	ppb	99
76) p- & m-Xylenes	8.854	91	767386	21.38	ppb	98
77) o-Xylene	9.286	91	377739	10.93	ppb	99
78) Styrene	9.304	104	300849	10.88	ppb	98
79) Bromoform	9.541	173	37525	9.65	ppb	97
81) Isopropylbenzene	9.675	105	439332	11.61	ppb	99
83) 1,1,2,2-Tetrachloroethane	10.046	83	80386	11.57	ppb	95
84) Bromobenzene	10.040	77	159323	11.18	ppb	99
85) trans-1,4-Dichloro-2-b...	10.095	53	15702	12.10	ppb	# 47
86) 1,2,3-Trichloropropane	10.095	110	20401	11.39	ppb	99
87) n-Propylbenzene	10.126	91	512703	11.39	ppb	99
88) n-Decane	10.290	57	23986	9.80	ppb	94
89) p-Ethyltoluene	10.253	105	404428	11.19	ppb	98
90) 1,3,5-Trimethylbenzene	10.320	105	313788	10.51	ppb	98
91) 2-Chlorotoluene	10.241	91	341471	11.17	ppb	99
92) 4-Chlorotoluene	10.363	91	343048	11.21	ppb	100
93) tert-Butylbenzene	10.679	119	249280	10.87	ppb	100
94) 1,2,4-Trimethylbenzene	10.740	105	328433	11.23	ppb	99
95) sec-Butylbenzene	10.929	105	326157	10.38	ppb	99
96) Limonene	11.032	68	45768	7.50	ppb	97
97) 1,3-Dichlorobenzene	11.081	146	176440	10.86	ppb	99
98) p-Isopropyltoluene	11.087	119	275978	9.26	ppb	99
99) 1,4-Dichlorobenzene	11.178	146	177648	11.00	ppb	99
100) 1,2,3-Trimethylbenzene	11.221	105	338878	11.79	ppb	99
101) p-Diethylbenzene	11.519	105	134568	9.16	ppb	99
102) trans-Decahydronapthalene	11.525	138	21026	8.42	ppb	98
103) 1,2-Dichlorobenzene	11.604	146	154397	10.37	ppb	98
104) n-Butylbenzene	11.549	91	250979	10.13	ppb	99
105) Hexachloroethane	11.878	119	39742	9.31	ppb	97
106) n-Undecane	11.634	71	12856	10.18	ppb	# 71
107) cis-Decahydronapthalene	12.170	138	13403	7.86	ppb	# 97
108) 1,2-Dibromo-3-chloropr...	12.498	75	10039	10.59	ppb	98

Data Path : C:\msdchem\1\data\V8-05-11-26\
 Data File : V8-012898a.D
 Acq On : 11 May 2026 7:57 am
 Operator : THD
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 Sample : SEQ-CCV1
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Quant Time: May 12 21:36:43 2026
 Quant Method : C:\msdchem\1\methods\V8-8260D-R050526.M
 Quant Title : Volatile Organics EPA 8260D & 624.1
 QLast Update : Fri May 08 12:52:12 2026
 Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
109)	1,2,4,5-Tetramethylben...	12.413	119	192800	8.75	ppb	99
110)	Nitrobenzene	12.741	77	31419	113.56	ppb	98
111)	1,2,4-Trichlorobenzene	13.429	180	48057	8.28	ppb	99
112)	Hexachloro-1,3-Butadiene	13.599	225	12806	8.49	ppb	96
113)	Naphthalene	13.715	128	120901	8.25	ppb	98
114)	1,2,3-Trichlorobenzene	13.995	180	37539	8.06	ppb	99

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

BENCHSHEETS

SDG:	26E0163
CLASS:	VOA
METHOD:	EPA 8260D

PREPARATION BENCH SHEET : BE60494

Preparation Date: 05/07/2026 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		
26E0163-01 A	VOA, 8260 LOW MASTER	25	25							<2	ND			
26E0163-08 A	VOA, 8260 LOW MASTER	25	25							<2	ND			
BE60494-BLK1	VOA, 8260 LOW MASTER	25	25							<2	ND			
BE60494-BS1	VOA, 8260 LOW MASTER	25	25	S26E082	10					<2	ND			
BE60494-BSD1	VOA, 8260 LOW MASTER	25	25	S26E082	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
S26D526	VOA- WATER, POLAND SPRING	0355BB04

Spike

Standard/Reagent ID	Description	LotNum	Volume (uL)
S26E082	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

BENCHSHEETS

SDG:	26E0163
CLASS:	VOA
METHOD:	EPA 8260D

PREPARATION BENCH SHEET : BE60547

Preparation Date: 05/09/2026 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	uL Spike1	uL Spike2	Source ID	Initial	Final	Basic	Y/N				
26E0163-02 A	VOA, 8260 LOW MASTER	25	25					<2	ND					
26E0163-03 A	VOA, 8260 LOW MASTER	25	25					<2	ND					
26E0163-04 A	VOA, 8260 LOW MASTER	25	25					<2	ND					
26E0163-05 A	VOA, 8260 LOW MASTER	25	25					<2	ND					
26E0163-06 A	VOA, 8260 LOW MASTER	25	25					<2	ND					
26E0163-07 A	VOA, 8260 LOW MASTER	25	25					<2	ND					
BE60547-BLK1	VOA, 8260 LOW MASTER	25	25					<2	ND					
BE60547-BS1	VOA, 8260 LOW MASTER	25	25	S26E082	10			<2	ND					
BE60547-BSD1	VOA, 8260 LOW MASTER	25	25	S26E082	10			<2	ND					
BE60547-MS1	VOA, 8260 LOW MASTER	25	25	S26E082	8	26E0163-05		<2	ND					
BE60547-MSD1	VOA, 8260 LOW MASTER	25	25	S26E082	8	26E0163-05		<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
S26D526	VOA- WATER, POLAND SPRING	0355BB04

Spike

Standard/Reagent ID	Description	LotNum	Volume (uL)
S26E082	VOA - ICV/LCS/MS Static WATERS @ 10 ppb phenomenon	-	8
S26E082	VOA - ICV/LCS/MS Static WATERS @ 10 ppb phenomenon	-	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:	26E0163
CLASS:	VOA
METHOD:	EPA 8260D

PREPARATION BENCH SHEET : BE60583

Preparation Date: 05/11/2026 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	uL Spike1	uL Spike1	uL Spike2	uL Spike2	Source ID	Initial	Final	Basic	Y/N		
26E0163-01RE1 C	VOA, 8260 LOW MASTER	25	25							<2	ND		From BE60494 by ME on 05/11/2022	
BE60583-BLK1	VOA, 8260 LOW MASTER	25	25							<2	ND			
BE60583-BS1	VOA, 8260 LOW MASTER	25	25	S26D531	10					<2	ND			
BE60583-BSD1	VOA, 8260 LOW MASTER	25	25	S26D531	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
S26D526	VOA- WATER, POLAND SPRING	0355BB04

Spike

Standard/Reagent ID	Description	LotNum	Volume (uL)
S26D531	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



USA
environmental

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 89th 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:		Invoice To:		YOUR Project Name / Number		Samples Collected From		Turn-Around Time					
Company:	HydroTech Environmental	Company:	HydroTech Environmental	NY	CT	Other: (please specify)		RUSH - Next Day					
Address:	331 West 25th Street New York, NY	Address:	331 West 25th Street New York, NY	NJ	PA			RUSH - Two Day					
Phone:	631-241-7365	Phone:	631-241-7365					RUSH - Three Day					
Contact:	Paul Rathi	Contact:	Paul Rathi					RUSH - Four Day					
E-mail:	Paul.Rathi@hydrotechenv.com	E-mail:	Paul.Rathi@hydrotechenv.com					RUSH - Five Day					
Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by ALS are resolved.		Matrix Codes		Analyses Requested				Standard (6-9 Day)					
		S - soil/solid/sludge						PFAS Standard 7-10 Day					
		GW - groundwater											
		DW - drinking water											
		SW - surface water											
		WW - wastewater											
		O - Oil											
		Other											
Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO ₃ (nitric acid)	H ₂ SO ₄ (sulfuric acid)	NaOH (sodium hydroxide)	Na ₂ S ₂ O ₃ (sodium thio.)	Trizma	Ammonium Acetate	Other:
FW-5 (2026.05.05)	05/05/2026	10:35 AM	GW										
FW-10 (2026.05.05)	05/05/2026	11:30 AM	GW										
FW-11R (2026.05.05)	05/05/2026	10:10 AM	GW										
FW-13R (2026.05.05)	05/05/2026	3:35 PM	GW										
FW-14 (2026.05.05)	05/05/2026	9:05 AM	GW										
FW-15 (2026.05.05)	05/05/2026	12:00 PM	GW										
FB (2026.05.05)	05/05/2026	12:05 PM	DT										
TB (2026.05.05)	05/05/2026	12:05 PM	DT										
Comments:													
Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N													
Custody Seals: Y / N Containers Intact: Y / N COC 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													
Cobler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N													
1. Samples Relinquished by / Company Date/Time													
2. Samples Received by / Company Date/Time													
3. Samples Relinquished by / Company Date/Time													
4. Samples Received by / Company Date/Time													

Report To:		Invoice To:		YOUR Project Name / Number		Samples Collected From		Turn-Around Time					
Company:	HydroTech Environmental	Company:	HydroTech Environmental	NY	CT	Other: (please specify)		RUSH - Next Day					
Address:	331 West 25th Street New York, NY	Address:	331 West 25th Street New York, NY	NJ	PA			RUSH - Two Day					
Phone:	631-241-7365	Phone:	631-241-7365					RUSH - Three Day					
Contact:	Paul Rathi	Contact:	Paul Rathi					RUSH - Four Day					
E-mail:	Paul.Rathi@hydrotechenv.com	E-mail:	Paul.Rathi@hydrotechenv.com					RUSH - Five Day					
Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by ALS are resolved.		Matrix Codes		Analyses Requested				Standard (6-9 Day)					
		S - soil/solid/sludge						PFAS Standard 7-10 Day					
		GW - groundwater											
		DW - drinking water											
		SW - surface water											
		WW - wastewater											
		O - Oil											
		Other											
Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO ₃ (nitric acid)	H ₂ SO ₄ (sulfuric acid)	NaOH (sodium hydroxide)	Na ₂ S ₂ O ₃ (sodium thio.)	Trizma	Ammonium Acetate	Other:
FW-5 (2026.05.05)	05/05/2026	10:35 AM	GW										
FW-10 (2026.05.05)	05/05/2026	11:30 AM	GW										
FW-11R (2026.05.05)	05/05/2026	10:10 AM	GW										
FW-13R (2026.05.05)	05/05/2026	3:35 PM	GW										
FW-14 (2026.05.05)	05/05/2026	9:05 AM	GW										
FW-15 (2026.05.05)	05/05/2026	12:00 PM	GW										
FB (2026.05.05)	05/05/2026	12:05 PM	DT										
TB (2026.05.05)	05/05/2026	12:05 PM	DT										
Comments:													
Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N													
Custody Seals: Y / N Containers Intact: Y / N COC 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													
Cobler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N													
1. Samples Relinquished by / Company Date/Time													
2. Samples Received by / Company Date/Time													
3. Samples Relinquished by / Company Date/Time													
4. Samples Received by / Company Date/Time													